

Comparative effect of metformin versus sulfonylureas with dementia and Parkinson's disease risk in US patients over 50 with type 2 diabetes mellitus

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ABSTRACT

Introduction Type 2 diabetes is a risk factor for dementia and Parkinson's disease (PD). Drug treatments for diabetes, such as metformin, could be used as novel treatments for these neurological conditions. Using electronic health records from the USA (OPTUM EHR) we aimed to assess the association of metformin with all-cause dementia, dementia subtypes and PD compared with sulfonylureas.

Research design and methods A new user comparator study design was conducted in patients ≥50 years old with diabetes who were new users of metformin or sulfonylureas between 2006 and 2018. Primary outcomes were all-cause dementia and PD. Secondary outcomes were Alzheimer's disease (AD), vascular dementia (VD) and mild cognitive impairment (MCI). Cox proportional hazards models with inverse probability of treatment weighting (IPTW) were used to estimate the HRs. Subanalyses included stratification by age, race, renal function, and glycemic control.

Results We identified 96 140 and 16 451 new users of metformin and sulfonylureas, respectively. Mean age was 66.4±8.2 years (48% male, 83% Caucasian). Over the 5-year follow-up, 3207 patients developed all-cause dementia (2256 (2.3%) metformin, 951 (5.8%) sulfonylurea users) and 760 patients developed PD (625 (0.7%) metformin, 135 (0.8%) sulfonylurea users). After IPTW, HRs for all-cause dementia and PD were 0.80 (95% CI 0.73 to 0.88) and 1.00 (95% CI 0.79 to 1.28). HRs for AD, VD and MCI were 0.81 (0.70–0.94), 0.79 (0.63–1.00) and 0.91 (0.79–1.04). Stronger associations were observed in patients who were younger (<75 years old), Caucasian, and with moderate renal function.

Conclusions Metformin users compared with sulfonylurea users were associated with a lower risk of all-cause dementia, AD and VD but not with PD or MCI. Age and renal function modified risk reduction. Our findings support the hypothesis that metformin provides more neuroprotection for dementia than sulfonylureas but not for PD, but further work is required to assess causality.

INTRODUCTION

Neurodegenerative diseases, such as dementia and Parkinson's disease (PD), are progressive degenerative diseases affecting neurons, which

WHAT IS ALREADY KNOWN ON THIS TOPIC

- ⇒ People with type 2 diabetes have increased risk of dementia and Parkinson's disease (PD) and antidiabetic drugs such as metformin have been proposed as potential novel treatments for these neurological conditions.
- ⇒ Observational studies have shown inconsistent results regarding the effect of metformin on the risk of dementia and PD.

WHAT THIS STUDY ADDS

- ⇒ To our knowledge, this study is the largest of its kind and uses a variety of statistical methods to reduce bias and validate the robustness of the results to examine the association of metformin versus sulfonylureas for multiple neurodegenerative outcomes.
- ⇒ This study supports and extends the current literature regarding the potential neuroprotective benefits of metformin.
- ⇒ Further research is required to understand the underlying neuroprotective mechanisms of metformin which may lead to novel drug development opportunities.

HOW THIS STUDY MIGHT AFFECT RESEARCH, PRACTICE OR POLICY

- ⇒ This study highlights the need for randomized clinical trials and genetic studies to confirm our findings to assess causality and understand mechanistic insights which could lead to novel disease-modifying treatments for dementia.
- ⇒ This study highlights the need for careful consideration of age, race, and renal function in selection of participants for clinical trials to address benefits and safety concerns for the repurposing of metformin.

result in irreversible decline in brain functioning. It is estimated there are 50 million people living with dementia worldwide and over 6 million people living with PD, with these numbers predicted to increase substantially over the next decades due to ageing populations.^{1–3}

Type 2 diabetes (diabetes from now on) is a well-established risk factor for dementia⁴ and PD⁵ indicating a potential shared pathophysiology involving insulin resistance and impaired glucose metabolism.^{6–8} Given the potential shared pathophysiology it is not surprising that drugs used to treat diabetes such as metformin are of increased interest for repurposing as possible novel treatments to treat and slow the progression of PD,^{9–10} cognitive decline and dementia.¹¹ Metformin is a first-line antidiabetic medication that decreases insulin resistance and increases insulin sensitivity.¹² Other antidiabetic drugs such as sulfonylureas, which are second-line antidiabetic drugs, stimulate the release of insulin from pancreatic beta cells.¹³ Despite approvals of newer drugs, sulfonylureas remain commonly prescribed after metformin.¹⁴ Previous studies and reviews on the potential neuroprotective properties of metformin have inconsistently reported that metformin is associated with reduced risk of dementia or PD,^{15–17} increased risk,^{18–19} and no association.^{20–22} Differences in study design, data quality, gender, race representation, and confounding may explain some of these inconsistencies.

Given these inconsistencies, the aim of the present study is to examine the associations of the first-line antidiabetic drug metformin compared with the second-line drug class sulfonylureas with: (1) incident all-cause dementia and PD, and (2) with secondary outcomes of Alzheimer's disease (AD), vascular dementia (VD) and mild cognitive impairment (MCI). In this study, we use a large cohort of patient records from individual-level electronic health records from a large healthcare provider in the USA (OPTUM deidentified Electronic Health Records; OPTUM EHR) together with robust methods that address bias and confounding. We carried out subanalysis stratifying our population by age, race, renal function, and glycemic control to understand the impact on these populations. Our approach focusing on both dementia and PD and an analysis approach to reduce bias offer a novel aspect and substantial contribution to existing evidence on the impact of metformin and risk of neurodegenerative diseases.

RESEARCH DESIGN AND METHODS

Study design and setting

A new user active comparator study was carried out to determine the comparative effect of metformin versus sulfonylurea users on dementia risk over a 5-year follow-up based on an intention-to-treat approach. A new user study design includes new users of treatments or diagnosis and excludes prevalent users which can bias results due to baseline covariates being influenced by treatment or disease. The active comparator design refers to a study that compares the effect of the drug of interest with another active drug used in clinical practice. We used OPTUM EHR data set containing data from primary care and secondary care facilities from over 100 million patients across the US general population.²³

We had access to patient data from 1 January 2006 to 1 December 2018 for patients aged 40 years or older. Patient data were mapped to the Observational Medical Outcomes Partnership Common Data Model v5.3.1.²⁴

Participants

We included patients who were 50 years or older with a diagnosis of diabetes and at least 1 year of observational data between 2006 and 2018. Included patients were required to have at least 1 year of observation in the database prior to first prescription of metformin or sulfonylureas (baseline) and be free of any diagnosis of dementia, MCI, or PD prior to their first prescription. Patients with polycystic ovary syndrome were excluded due to off-label use of metformin. Since renal function can drive choice of antidiabetic prescription, included patients were required to have an estimated glomerular filtration rate (eGFR) measure (or related clinical diagnosis) and a hemoglobin A1c (HbA1c) measurement 1 year before metformin or sulfonylurea initiation. Those with chronic kidney disease (CKD) levels 4 and 5 as well as HbA1c level >9% were excluded as this is not indicative of metformin new users. Only patients who remained on monotherapy of either metformin or sulfonylureas for 2 years following first prescription were included in this study. Follow-up began after this 2-year period and lasted until the end of the 5 years, death, or dementia/PD diagnosis, whichever occurred first. During follow-up, participants could take additional diabetes medications, but those who switched between metformin and sulfonylureas were excluded.

Variables and data sources

Comorbidities were defined by standard concept codes based on SNOMED nomenclature using ATHENA (<https://athena.ohdsi.org/search-terms/terms>) and PHOEBE (<https://data.ohdsi.org/PHOEBE/>) tools. Clinical codes used define outcome, exposure and all other variables can be found in the online supplemental tables S1, S2 and S3.

Primary outcomes were all-cause dementia or PD defined using a combination of diagnosis and prescription records. Secondary outcomes included diagnosis of AD, VD and MCI. Metformin or sulfonylurea use was extracted from patient prescriptions defined by standard concept codes based on RxNorm nomenclatures. Sulfonylureas consisted of acetohexamide, carbutamide, chlorpropamide, tolazamide, tolbutamide, glibenclamide (glyburide), glibornuride, gliclazide, glipizide, gliquidone, glisoxepide, glycopyramide or glimepiride. At least two prescriptions per year between baseline and the beginning of follow-up were required.

The 33 covariates used in this study were age (dichotomized at 75 years), gender, body mass index (BMI), race (Caucasian, African American, Asian, other/unknown), smoking status (current, previous, never, missing), US state region, comorbidities (angina, arthritis, atrial fibrillation, cancer, chronic obstructive pulmonary disease,

CKD diagnosis and stages, coronary heart disease, eye disease, hypertension, heart attack, heart failure, high cholesterol, head injury, psychiatric disorders, peripheral arterial disease, substance abuse, stroke), healthcare utilization (number of outpatient visits), year of first prescription, lab measurements (HbA1c, eGFR) and medications (ACE inhibitors, glucocorticoids, non-steroidal anti-inflammatory drugs (NSAIDs), beta-2 agonists, diuretics and angiotensin receptor blockers). For measurement variables (ie, HbA1c, eGFR, BMI, etc), the value closest to baseline date within 1 year before metformin or sulfonylurea prescription was taken unless otherwise stated. BMI was calculated from height and weight when not reported directly. Height measurements within 5 years before baseline were allowed. BMI measurements lower than 15 kg/m² and greater than 60 kg/m² were removed, which is consistent with previous studies.²⁵ For smoking, unknown or contradictory measurements on the same day were removed. HbA1c values $\leq 2\%$ were removed. CKD stage was extracted from diagnostic codes or from eGFR values. Other medications (ACE inhibitors, NSAIDs, etc) were defined as at least two prescriptions 1 year prior to drug initiation.

Statistical methods

Baseline demographics were assessed using standardized mean differences (SMD). We carried out a new user comparator study²⁶ to estimate the effect of metformin versus sulfonylureas. A new user design excludes prevalent cases to reduce immortal time and survivor biases. To account for confounding by indication, we used propensity scores (PS) and implemented inverse probability of treatment weighting (IPTW)²⁷ to balance the baseline characteristics. To create the PS model, we included 33 variables specified previously. For BMI, smoking status, race and location, the missing indicator method was used to account for missingness.²⁸ This method uses a dummy variable (which can have either a value of 0 or 1) in the statistical model for the PS to indicate whether the value for each variable is missing, with all missing values set to the same value. IPTW was created and trimmed at 20. We assessed balance between our groups using SMD with a difference of less than 0.1 (ie, 10%) indicating an acceptable balance between covariates, with metformin and sulfonylurea users after IPTW.²⁹ Cox proportional hazards models were used with IPTW to estimate the risk of subsequent primary (all-cause dementia, PD) and secondary outcomes (AD, VD, MCI). Cox proportional hazards models are regression models that investigate the effect of several risk factors on survival, or the time it takes for a specific event to happen. The Cox model is expressed by the hazard function denoted by $h(t)$. Briefly, the hazard function can be interpreted as the risk of an event at time t and is determined by a set of covariates (x_1, x_2 , etc) and the baseline hazard ($h_0[t]$) by the following equation: $h(t)=h_0(t)\exp(b_1x_1+b_2x_2+\dots+b_nx_n)$. The proportional hazards assumption was evaluated using Kaplan-Meier (KM) survival curves and a

violation was considered if the survival curves for the different treatment groups crossed over at any point in follow-up. Where proportional hazards assumption was violated, analyses were repeated using piecewise Cox regression. Piecewise Cox regression can be used to estimate HRs at different time periods across follow-up when the HR changes over time. In the present study, where there was a violation of the proportional hazards assumption (based on KM survival curves), periods of follow-up were split where the survival curves crossed. Five negative control outcomes (impacted cerumen, tinnitus, cramp of limb, snoring and impingement syndrome of shoulder region)³⁰ were used to identify residual confounding unaccounted for by IPTW.

We first carried out the analysis using the whole cohort and, secondly, split by age (cut-off 75 years) for primary outcomes (all-cause dementia, PD) and secondary outcomes (AD, VD, MCI) with and without adjustment for IPTW. In subanalyses, we compared the risk of outcome in patients with differing renal function, HbA1c levels and race. We dichotomized eGFR based on CKD staging into three groups (normal (eGFR >90 mL/min), moderate (eGFR=60–89 mL/min) and poor renal function (eGFR ≤ 60 mL/min)), and HbA1c at baseline was dichotomized at 7%, reflecting diabetes treatment guidelines. We additionally carried out a variety of sensitivity analyses to test the robustness of our results. Since diagnosis codes for MCI might capture impairment but this impairment may not be severe enough to qualify as dementia, we carried out a sensitivity analysis by combining diagnostic codes from MCI and dementia. Although patients had been on monotherapy use for 2 years before follow-up there remained the potential for the impact of dementia or PD to influence medication use. Further sensitivity analysis involved excluding those with a dementia or PD diagnosis less than 1 year after follow-up to account for potential protopathic bias (ie, reverse causation). Finally, for the main analysis, we followed an intent-to-treat framework; therefore, we carried out an on-treatment analysis in which discontinued metformin or sulfonylurea use was censored.

RESULTS

Participants

Between 2006 and 2018, we identified 96 140 new users of metformin and 16 451 new users of sulfonylureas (n=112 591). A flow diagram showing how these numbers were obtained after inclusion and exclusion criteria is shown in figure 1.

Characteristics of baseline population

From the study population, the mean age (\pm SD) was 66.4 \pm 8.2 years (metformin users mean age 65.7 \pm 7.83 and sulfonylureas mean age 71.0 \pm 8.71), 48% male, 83% Caucasian with a mean HbA1c of 6.79% \pm 0.76%. In the sample population, 3207 patients developed any dementia (2256 among metformin and 951 sulfonylurea users) and

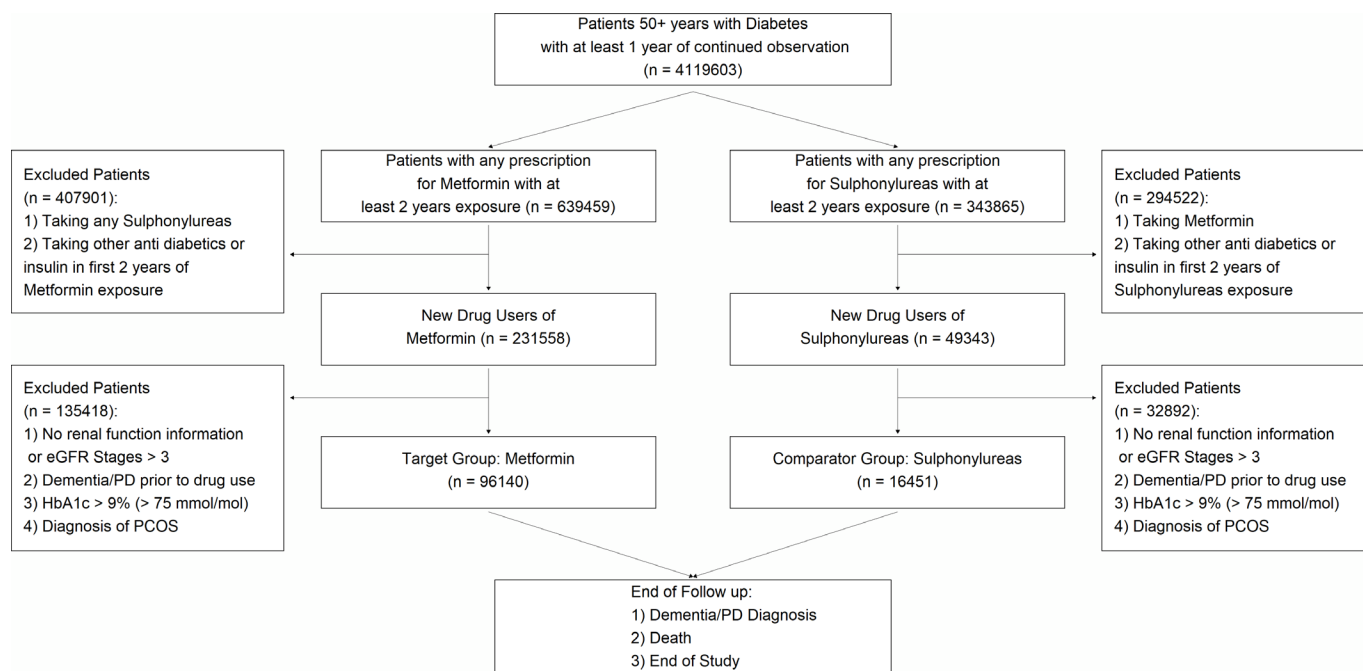


Figure 1 Flow diagram sample population for this study after inclusion and exclusion criteria. eGFR, estimated glomerular filtration rate; HbA1c, hemoglobin A1c; PCOS, polycystic ovary syndrome; PD, Parkinson's disease.

760 patients developed PD (625 among metformin and 135 sulphonylurea users). All-cause dementia rates were 7.77 and 17.73 per 1000 person-years in metformin and sulphonylurea users, respectively. PD rates were 2.13 and 2.45 per 1000 person-years in metformin and sulphonylurea users, respectively. Metformin users were younger, have better renal function, fewer comorbidities, and take different associated medications (NSAIDs, diuretics and glucocorticoids) compared with sulphonylurea users (table 1). For BMI, 26% of observations were missing (24% for metformin users and 33% for sulphonylurea users) and for eGFR 0.1% of observations were missing (0.08% for metformin users and 0.38% for sulphonylurea users).

After IPTW, all variables were balanced between the two groups for the main analysis (SMD<0.1) (figure 2). For subanalyses (age, race, renal function, and HbA1c), all variables were balanced apart from the race subanalysis where the variable 'HbA1c<7%' was unbalanced for the race group 'unknown/other' (online supplemental figures S1–S11).

Association of new users of metformin versus sulphonylureas with all-cause dementia and PD risk

For primary outcomes, using Cox regression with IPTW, there was a lower risk of all-cause dementia (HR 0.80; 95% CI 0.73 to 0.88) when comparing metformin users with sulphonylurea users, but no difference when comparing risk of PD (HR 1.00; 95% CI 0.79 to 1.27) (figure 3). For secondary outcomes, there was a lower risk of AD (HR 0.81; 95% CI 0.70 to 0.94) but not for VD or MCI. However, for the direction of the effects on VD and MCI, the effects were consistent with lower risk for metformin users.

We found that the associations were stronger in the younger ages (aged <75) for all-cause dementia and secondary outcomes and attenuated in older ages (≥75 years) (figure 3). There were fewer patients who started antidiabetic treatment after age 75 compared with before 75 (19% vs 81%, respectively) although average follow-up length was similar (3.04 vs 3.06 years). For PD, the older stratum showed an increased risk of PD for metformin users versus sulphonylurea users. All unadjusted HRs for all models can be found in the online supplemental table S4–S6.

Using KM survival curves, the proportional hazards assumption held for all-cause dementia, AD, MCI, and PD in figure 3 apart from VD where there was deviation of proportional hazards at around 2.5 years (online supplemental figure S12). Therefore, we repeated the analysis for the whole population using a piecewise Cox regression split at 2.5 years. The results showed only a lower HR for metformin users after 2.5 years (HR 0.64; 95% CI 0.45 to 0.89) (online supplemental table S7). For sensitivity analyses, changing to an on-treatment analysis further decreased HRs in favor of metformin for all-cause dementia (HR 0.76; 95% CI 0.68 to 0.84) (online supplemental table S8). Removal of patients who were diagnosed within 1 year of follow-up attenuated results for AD but did not change the results for other outcomes (online supplemental table S9). Combining the earliest dates from MCI and all-cause dementia diagnosis had little impact on results (HR 0.82; 95% CI 0.75 to 0.89). Adjusted HRs for the negative control outcomes were 1.04 (0.96–1.13) for impacted cerumen, 1.10 (0.95–1.30) for tinnitus, 1.01 (0.87–1.18) for cramp in limb,

Table 1 Baseline characteristics of 112 591 patients over 50 years old with type 2 diabetes who were new users of either metformin or sulfonylureas between 2006 and 2018 before balancing of characteristics using inverse probability of treatment weighting (IPTW)

Description	Metformin	Sulfonylureas	SMD (%)
n	96 140	16 451	
Gender (% male)	46 107 (48.0)	8439 (51.3)	6.7
Race (%)			4.3
African American	9659 (10.0)	1535 (9.3)	
Asian	2394 (2.5)	328 (2.0)	
Caucasian	79 693 (82.9)	13 853 (84.2)	
Other/unknown	4394 (4.6)	735 (4.5)	
Age at baseline (mean (SD))	65.65 (7.83)	70.98 (8.71)	64.4
Age category: <75 years	81 258 (84.5)	9690 (58.9)	59.3
US region			10.5
Midwest (%)	51 871 (54.0)	9232 (56.1)	
Northeast (%)	11 430 (11.9)	2294 (13.9)	
South (%)	24 678 (25.7)	3706 (22.5)	
West (%)	6153 (6.4)	850 (5.2)	
Unknown (%)	2008 (2.1)	369 (2.2)	
eGFR (mean (SD))	88.47 (16.43)	75.48 (21.73)	67.4
CKD group (%)			67.2
Stage 1	46 980 (48.9)	4464 (27.1)	
Stage 2	44 276 (46.1)	7708 (46.9)	
Stage 3	4884 (5.1)	4279 (26.0)	
Smoking status (%)			18.1
Missing	39 916 (41.5)	8078 (49.1)	
Current	7992 (8.3)	1083 (6.6)	
Never	24 377 (25.4)	3197 (19.4)	
Previous	23 855 (24.8)	4093 (24.9)	
HbA1c (mean (SD))	6.76 (0.75)	6.95 (0.83)	24.3
BMI (mean (SD))	33.46 (6.63)	32.24 (6.60)	18.6
BMI group			25.8
Missing	23 243 (24.2)	5481 (33.3)	
Underweight (<20 kg/mg ²)	276 (0.3)	86 (0.5)	
Normal (20–25 kg/mg ²)	4701 (4.9)	1084 (6.6)	
Overweight (25–30 kg/mg ²)	18 766 (19.5)	3302 (20.1)	
Obese (>30 kg/mg ²)	49 154 (51.1)	6498 (39.5)	
HbA1c group			27.3
HbA1c: <7% (<53 mmol/mol)	62 460 (65.0)	8583 (52.2)	
HbA1c: 7%–8% (53–64 mmol/mol)	26 245 (27.3)	5721 (34.8)	
HbA1c: >8 (>64 mmol/mol)	7435 (7.7)	2147 (13.1)	
Length of follow-up in years (mean (SD))	3.02 (1.59)	3.26 (1.60)	15

Continued

Table 1 Continued

Description	Metformin	Sulfonylureas	SMD (%)
Year at first prescription (%)			34.7
2007–2008	9016 (9.4)	3190 (19.4)	
2009–2010	13 001 (13.5)	2696 (16.4)	
2011–2012	21 752 (22.6)	3748 (22.8)	
2013–2014	30 202 (31.4)	4325 (26.3)	
2015–2016	22 169 (23.1)	2492 (15.1)	
Number of outpatient visits prior to baseline (mean (SD))	24.36 (30.39)	25.74 (34.85)	4.2
All-cause dementia (%)	2256 (2.3)	951 (5.8)	17.5
AD (%)	754 (0.8)	337 (2.1)	11.1
VD (%)	349 (0.4)	154 (1.0)	7.5
MCI (%)	1414 (1.5)	401 (2.6)	7.5
PD (%)	625 (0.7)	135 (0.8)	2
Hypertension (%)	68 050 (70.8)	11 601 (70.5)	0.6
COPD (%)	5483 (5.7)	1194 (7.3)	6.3
Chronic kidney disease (%)	4655 (4.8)	2740 (16.7)	38.9
Stroke/TIA (%)	2147 (2.2)	562 (3.4)	7.1
Heart attack (%)	954 (1.0)	224 (1.4)	3.4
Angina (%)	11 081 (11.5)	1898 (11.5)	0
Heart failure (%)	2494 (2.6)	1126 (6.8)	20.1
Atrial fibrillation (%)	9636 (10.0)	2256 (13.7)	11.4
Coronary artery disease (%)	1844 (1.9)	535 (3.3)	8.4
Substance abuse (%)	1131 (1.2)	176 (1.1)	1
Hyperlipidemia (%)	69 957 (72.8)	11 026 (67.0)	12.5
Head injury (%)	537 (0.6)	114 (0.7)	1.7
Arthritis (%)	18 726 (19.5)	3057 (18.6)	2.3
Major psychiatric disorders (%)	11 372 (11.8)	1423 (8.6)	10.5
Peripheral arterial disease (%)	3287 (3.4)	998 (6.1)	12.5
Eye disease (%)	3598 (3.7)	711 (4.3)	2.9
Cancer (%)	4275 (4.4)	981 (6.0)	6.8
Ace inhibitors (%)	38 748 (40.3)	7426 (45.1)	9.8
Diuretics (%)	25 846 (26.9)	3930 (23.9)	6.9
Beta-2 agonists (%)	35 593 (37.0)	5530 (33.6)	7.1
Angiotensin II receptor blockers (%)	21 623 (22.5)	3482 (21.2)	3.2
Glucocorticoids (%)	49 438 (51.4)	8533 (51.9)	0.9
NSAIDs (%)	32 424 (33.7)	4332 (26.3)	16.2

CKD group defined using eGFR and/or diagnosis code. AD, Alzheimer's disease; BMI, body mass index; CKD, chronic kidney disease; COPD, chronic obstructive pulmonary disease; eGFR, estimated glomerular filtration rate by measured laboratory value using Mayo Clinic Quadratic; HbA1c, hemoglobin A1c; MCI, mild cognitive impairment; NSAID, non-steroidal anti-inflammatory drug; PD, Parkinson's disease; SMD (%), standardized mean difference (values >10% indicate significant imbalance between groups); TIA, transient ischemic attack; VD, vascular dementia.

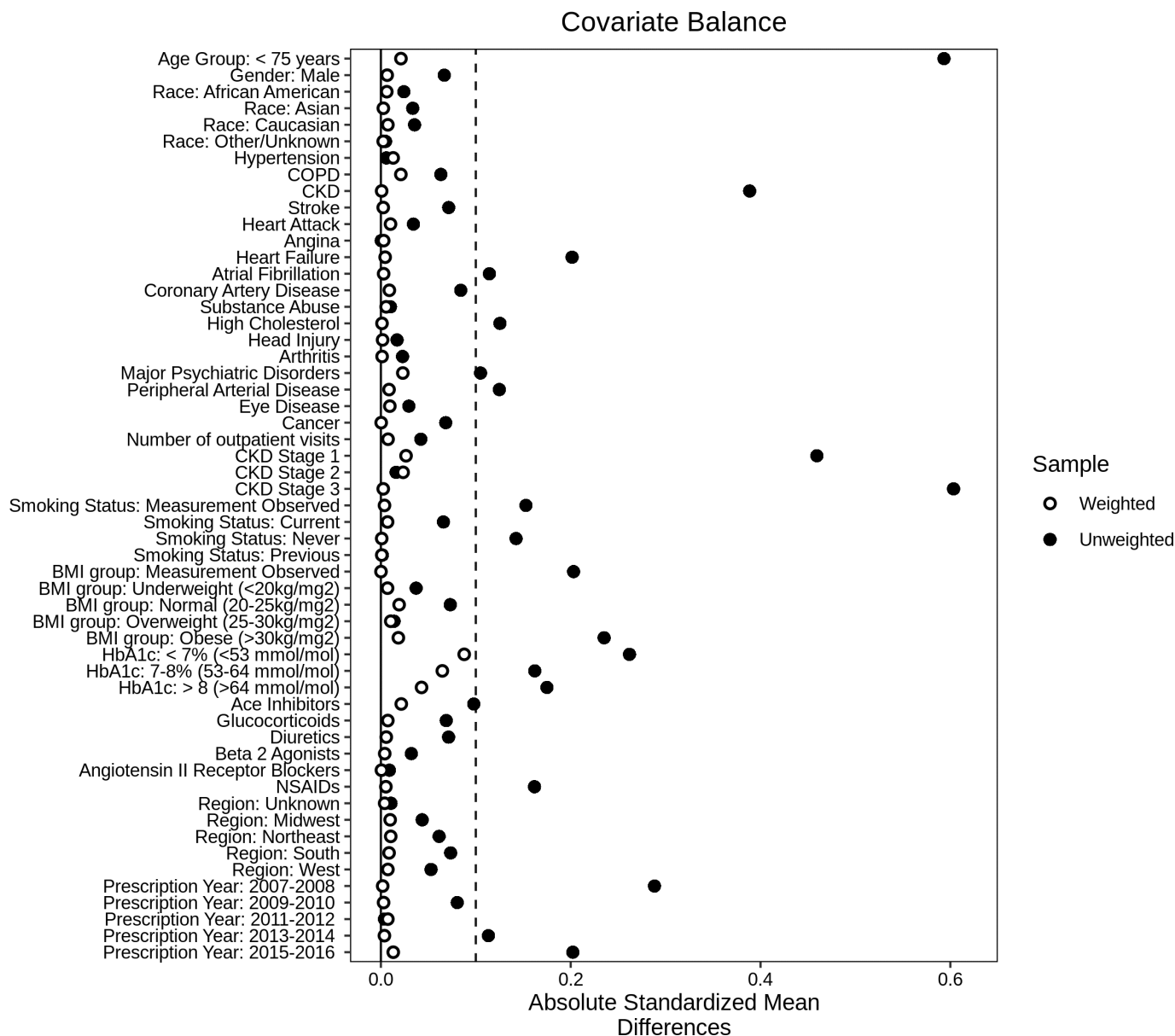


Figure 2 Covariate balance between new users of metformin and sulfonylureas using absolute standardized mean differences (SMD) before (unweighted) and after inverse probability of treatment weighting (weighted) for whole cohort (n=112 591). Dotted line indicates SMD cut-off at 0.1 where >0.1 indicates difference in covariates between the metformin and sulfonylurea users. BMI, body mass index; CKD, chronic kidney disease; COPD, chronic obstructive pulmonary disease; HbA1c, hemoglobin A1c.

1.06 (0.91–1.24) for snoring, and 1.16 (0.96–1.41) for shoulder impingement (online supplemental figure S13 and Table S10).

The influence of race, renal function, and glycemic control between new users of metformin versus sulfonylureas with dementia and PD risk

In subgroup analyses, we explored if our outcomes were influenced by renal function, glycemic control, or race (figure 4).

In the race subgroup analysis, after IPTW adjustment, metformin users who were Caucasian (n=94 395) had a lower risk of all-cause dementia (HR 0.79; 95% CI 0.71 to 0.87), AD (HR 0.77; 95% CI 0.65 to 0.90) or in sensitivity analysis >2.5 years for VD (HR 0.64; 95% CI 0.44

to 0.94, online supplemental table S7). There were no differences for other outcomes compared with sulfonylurea users (figure 4). There were no differences in risk for other races; however, sample numbers were lower (African American 11 224, Asian 2735, and other/unknown 5156). In the renal function subgroup analysis, metformin users with moderate renal function were associated with lower all-cause dementia and AD but no differences in risk for PD for any renal function group (figure 4). For VD, metformin users had a lower HR after 2.5 years (HR 0.59; 95% CI 0.35 to 0.99) (online supplemental table S7). In the glycemic control subgroup analysis, stratifying on baseline HbA1c, metformin users with either low or high HbA1c levels were associated

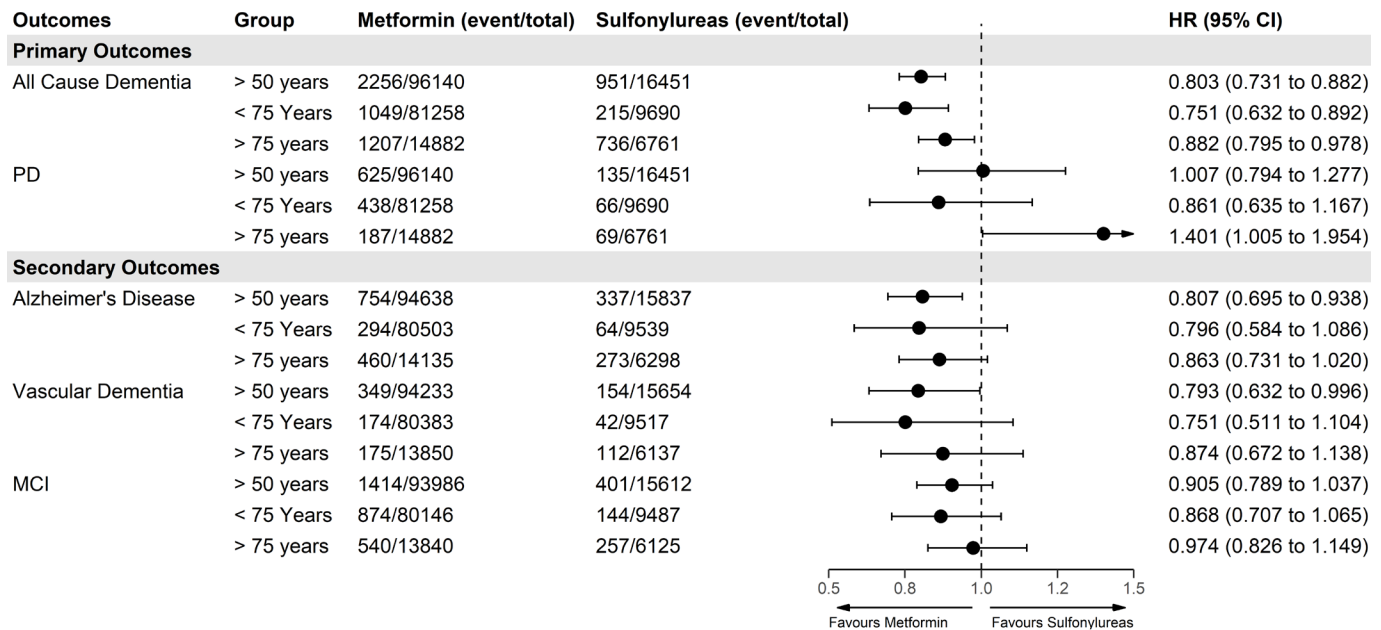


Figure 3 Forest plot showing IPTW-weighted associations of primary and secondary outcomes with new users of metformin versus sulfonylureas in whole population (over 50) and stratified for patients above and below 75 years of age. IPTW, inverse probability of treatment weighting; MCI, mild cognitive impairment; PD, Parkinson's disease.

with a lower risk of all-cause dementia or AD but only HbA1c \geq 7% levels for VD (HR 0.67; 95% CI 0.48 to 0.94) which in sensitivity analysis showed risk was lower after 2.5 years (HR 0.57; 95% CI 0.35 to 0.93). Unadjusted HRs for all subgroup analyses in figure 4 can be found in the online supplemental table S6.

DISCUSSION

In this new user active comparator study of 112 591 patients with diabetes, we found new metformin users were associated with ~20% lower risk of all dementia, AD and VD compared with sulfonylurea users but there was no difference in PD risk or MCI. A lower risk of dementia in metformin users was also seen in subsets of patients who were younger (<75 years), Caucasian, and those with moderate renal function, but there were no differences in risk in subsets with different glycemic control. Our findings support the hypothesis that metformin may provide more neuroprotection for dementia than sulfonylureas but not for PD or MCI.

Our results agree with similar active comparator studies, which show a reduction in risk for all-cause dementia in new users of metformin, despite these studies using either smaller, older, or mainly male populations.^{15 16 31} A study using patients older than 65 years from the US Veterans Affairs (VA) database¹⁵ showed a lower risk of all-cause dementia in those younger than 75 years old for metformin users (HR 0.89; 95% CI 0.79 to 0.99; n=28 640) but not for AD or VD. However, a lack of precision in recording specific diagnosis of dementia, with difficulties in discriminating between AD and other causes, is leading to under-reporting of specific dementia diagnosis.³² This could explain why previous studies and

our present study have not shown reduction of risk in dementia disease subtypes when stratifying on age.³³ Our results and three other studies^{15 31 34} differ from other studies^{19 35 36} which report no association or increased risk of dementia in metformin users because these studies did not consider confounding by indication. Therefore, results obtained from these studies may reflect the differences between the characteristics of the antidiabetic drug users rather than true treatment effects. Despite these inconsistencies, a Mendelian randomization study has shown metformin reduces AD risk with the *NDUFA2* gene and mitochondrial function proposed as potential mechanisms in dementia protection.³⁷ For patients with VD, our results showed there was only a lower risk after 2.5 years of metformin treatment concurrent with a previous study²¹ which showed lower risk of dementia and AD after longer term use greater than 2 years in patients from the VA database (n=5528).

We did not find any association between metformin and MCI compared with sulfonylureas. MCI populations could contain a mixture of patients who do or do not convert to dementia. This heterogeneity may have reduced our power to detect any differences. However, a randomized controlled trial in patients with amnesic MCI indicated metformin users had better total recall after 12 months but not for other cognitive tests (Minimal state examination (MMSE), Alzheimer's Disease Assessment Scale-Cognitive Subscale (ADAS-cog)).³⁸ Interestingly, this trial showed that those who were younger, on the highest dose, without APOE- ϵ 4 and with lower HbA1c had the most benefit.

For PD, there are no active comparator studies which compare new users of metformin versus sulfonylureas-only

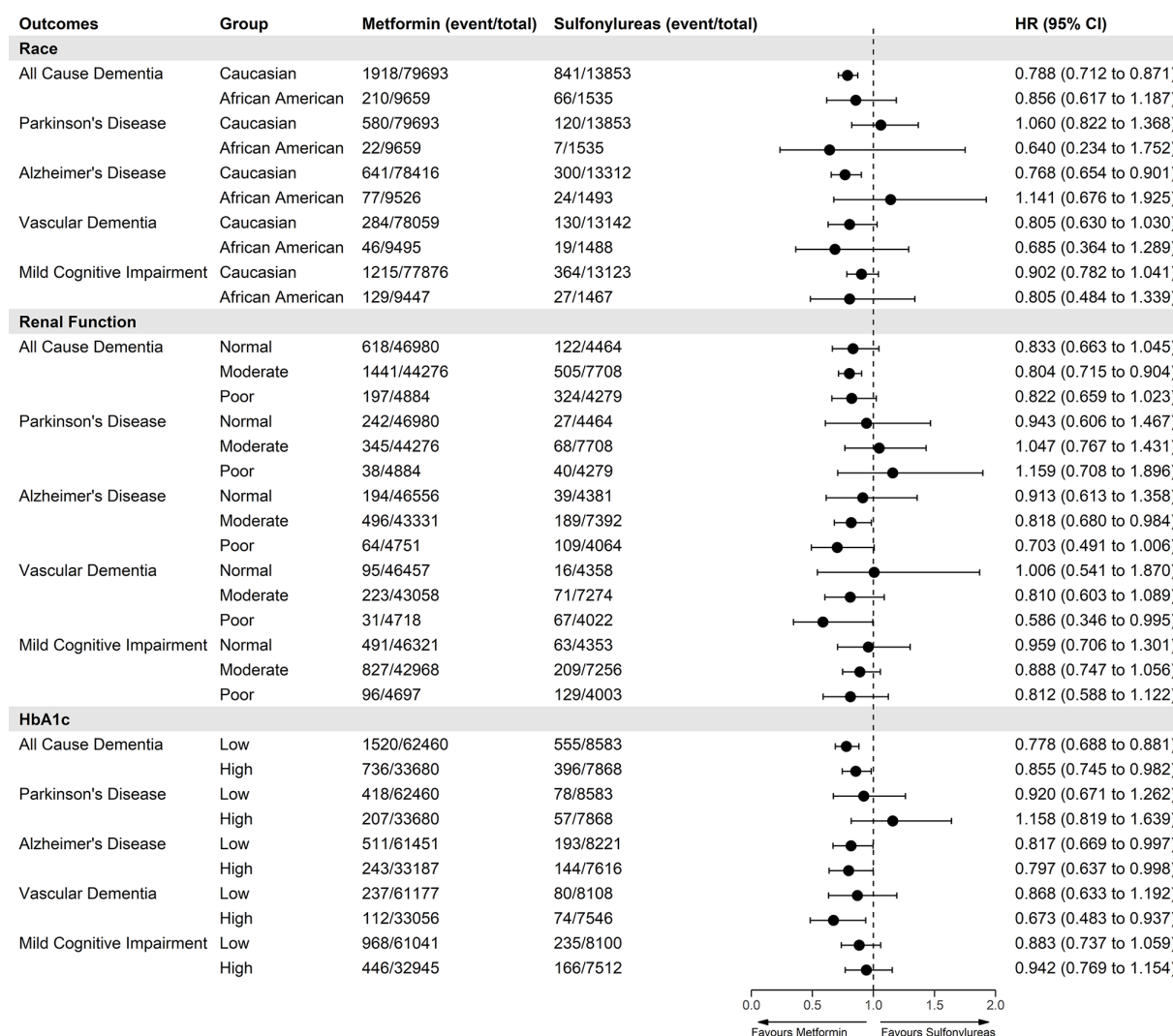


Figure 4 Forest plot showing IPTW-weighted associations of primary and secondary outcomes with new users of metformin versus sulfonylureas stratified by race, baseline renal function and baseline HbA1c. Renal function levels were defined as normal (eGFR>90 mL/min), moderate (eGFR=60–89 mL/min) and poor (eGFR≤60 mL/min). HbA1c levels were defined as low <7% and high ≥7%. eGFR, estimated glomerular filtration rate; IPTW, inverse probability of treatment weighting.

direct comparator studies which compare drug use versus no drug use. One study using US veteran data showed those who took metformin >2 years had lower risk of PD (HR 0.30; 95% CI 0.18 to 0.85)²¹ compared with non-users. However, nearly 30% of non-metformin users were taking other antidiabetic medications. These results contradict a study using data from Taiwan which showed metformin users are at increased risk of PD (HR 2.27; 95% CI 1.68 to 3.07).¹⁹ Direct effect studies comparing drug use versus no drug use are prone to confounding by indication and immortal time bias making observational studies difficult to interpret and generalize. Despite inconsistent results of observational studies there is evidence from in vitro, non-clinical and genetic studies which highlight the potential neuroprotective benefits of metformin.^{10 39 40} In a Mendelian randomization study, greater genetically predicted expression level of *NDUFA2* in brain, the putative target of metformin, was shown to decrease the risk of PD.¹¹ This means that although there was no difference

in risk between metformin users and sulfonylurea users observed in our study, it remains possible that metformin could reduce the risk of PD compared with those not taking metformin or other antidiabetics.

Our age-specific findings are consistent with previous studies which indicate metformin may have more benefits for reducing dementia risk for those who initiate the treatment at a younger age.^{15 31} We also showed that there were, although smaller, benefits in those who were older than 75 years. Differences in study inclusion criteria, demographics and size of patient populations could explain this difference. Moreover, older patients have more comorbidities which contribute to dementia risk and hence attenuate any positive drug effects of metformin. We additionally showed that PD risk was higher in metformin users in those older than 75 years old which is consistent with a recent meta-analysis and systematic review (OR 1.66, 95% CI 1.14 to 2.42)¹⁸; however, our CIs were large and close to the null (HR

1.40; 95% CI 1.01 to 1.95) so caution must be taken with this result. In this study, we found baseline HbA1c levels did not modify the effect of metformin on dementia or PD risk which is also consistent with previous studies.^{15 34} This could indicate that metformin's neuroprotective effect is unlikely to be due to better diabetic control but via other mechanisms.^{34 41}

We did not see protective effects of metformin in different race groups apart from Caucasian patients which were the most represented group in our study (83%). These results are consistent with other studies,^{15 31} but are contradicted by one¹⁶ who showed that African American patients taking metformin were associated with a reduction in dementia risk and no reduction in risk in Caucasian patients. Differences in these results and ours might be explained by our eligibility criteria, which included 2 years of continuous metformin or sulfonylurea use. Our exclusion criteria may have removed patients from under-represented populations who may have a higher burden of diabetes-related complications and may escalate quicker from monotherapy metformin or sulfonylurea use limiting the generalizability of our results.⁴²

For renal function, contradictory to a previous study,¹⁵ we found that metformin users with normal renal function did not have any difference in dementia or PD risk compared with sulfonylurea users. However, this study¹⁵ only categorized renal function into two categories (split by eGFR 60 mL/min) whereas we split renal function into three groups (normal eGFR>90 mL/min, moderate eGFR=60–89 mL/min and poor eGFR≤60 mL/min). Our results indicated that metformin users with poor renal function (eGFR≤60 mL/min) may have reduced dementia and AD risk. However, this group was much smaller potentially due to the contradictions of metformin in those with renal disease.

There are many strengths of this study. First, the large sample size allowed us to investigate the impact of all-cause dementia and specific causes of dementia, such as AD and VD. We used data from both genders unlike other studies which had >90% male populations.^{15 21} We carried out a new user active comparative cohort study design, with IPTW, nested within a population of patients with diabetes to reduce confounding by indication and other biases. We additionally tested five negative control outcomes which provided reassurance that no significant residual confounding remained after adjusting the mentioned covariates using IPTW methods.

Limitations of our study are as follows. First, although we addressed many sources of confounding, it is possible that some sources of confounding were unavailable or inadequately measured such as physical activity, education, and diet.^{4 43} Furthermore, we used data from OPTUM EHR from USA which could reduce the generalizability of our results due to potential differences in prescription patterns, comorbidities, incidence of diabetes and dementia in other countries.

Second, dementia and PD tend to be underdiagnosed and under-recorded,^{32 44} which may lead to measurement errors in our outcomes and would tend to lead associations towards the null. We used both diagnosis and prescription records to define our outcomes which could lead to misclassification due to the off-label use of certain medications.^{45 46} Third, we carried out an intention-to-treat analysis and did not include potential add-on drug treatments that occurred later or consider antidiabetic treatment switches. This may be a possible source of confounding and could result in a lack in generalizability. Fourth, for dementia and PD, there is a long prodromal and/or preclinical periods^{47 48} which may impact treatment choice and, although in our sensitivity analysis we removed those with a diagnosis less than 1 year from the start of follow-up, this might not be long enough to completely remove reverse causation biases. Finally, it has been shown that metformin reduces mortality in patients with diabetes,⁴⁹ therefore the competing risk of death could affect our results and interpretation. A recent study³⁴ jointly modeled the risk of dementia and death with metformin versus sulfonylureas and showed that the competing risk of death is highly dependent on the baseline mortality rate of the population.

CONCLUSIONS

To our knowledge, this study is the largest of its kind and uses a variety of statistical methods to reduce bias and validate the robustness of the results. This study supports and extends the current literature regarding the potential neuroprotective benefits of metformin. The clinical applicability of this study showing potential neuroprotection of metformin is highlighted by recent clinical trials underway investigating metformin for the prevention of cognitive impairment and dementia.^{11 50} Furthermore, a recent genetic study also highlights causal effects between metformin and dementia.³⁷ This work highlights the need for careful consideration of age, race, and renal function in selection of participants for clinical trials to address benefits and safety concerns for the repurposing of metformin. Further research is required to understand the underlying neuroprotective mechanisms of metformin which may lead to novel drug development opportunities.

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Patient consent for publication Not applicable.

Ethics approval This study involves human participants but OPTUM EHR databases were reviewed by the New England Institutional Review Board (IRB) and were determined to be exempt from IRB approval. Participants gave informed consent to participate in the study before taking part.

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SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

SUPPORTING INFORMATION: Comparative Effect of Metformin versus Sulfonylureas with Dementia and Parkinson's disease Risk in US patients over 50 with Type 2 Diabetes Mellitus

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Contents

Supplementary Methods3

Primary and secondary outcome definitions3

Covariate definitions.....6

Drug definitions94

Covariate Balance plots.....95

Unadjusted results.....106

Kaplan–Meier plots.....108

Sensitivity Analysis.....109

Negative Control Outcomes.....111

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

Supplementary Methods

Below are extra details regarding the methods for this paper:

Primary and secondary outcome definitions: The primary outcomes were diagnosis of all-cause dementia or PD using a combination of diagnosis and prescription records. Prescriptions of drugs were defined by standard concepts codes based on RxNorm nomenclature. Diagnosis of all-cause was defined as any diagnosis of dementia and/or drug prescription data for acetylcholinesterase inhibitors (donepezil, rivastigmine, galantamine, or tacrine) or N-methyl-D-aspartate (NMDA)-receptor antagonist memantine. Dementia due to drug or alcohol-induced dementia or dementia associated with HIV were not included in our definition of dementia in this study. For PD, diagnosis was defined using any diagnosis of PD and/or drug prescription data for drugs used to PD only with no other indications: carbidopa, levodopa, rasagiline, tolcapone, selegiline, safinamide, entacapone, apomorphine, benserazide and opicapone.

Dementia or PD cases had to have either:

- 1) a clinical diagnosis code of dementia or PD with at least two occurrences from either inpatient or outpatient records on separate days,
- 2) At least two prescriptions on separate days for anti-dementia or anti Parkinson's drugs
- 3) A clinical dementia or PD diagnosis code with a drug prescription
- 4) A clinical diagnosis or anti dementia drug prescription with a mild cognitive decline clinical diagnosis for dementia.

Negative control outcomes: Negative control outcomes are conditions believed to have no causal relationship with metformin or sulfonylurea drug class exposure and therefore assumed a priori to return a hazard ratio (HR) of 1.0 when their risk is compared between exposure cohorts in a pairwise comparison. A HR of a negative control outcome that differs from 1.0 represents an estimate of the residual error of the analysis that was unaccounted for by the analytic specification such as inverse probability treatment weighting. Below is the table showing the negative control outcome used in this work and the figure showing the results of each of the negative control outcome using the whole population.

Primary and secondary outcome definitions

Below are the concept ID, concept names for the primary (All-cause dementia, Parkinson's disease) and secondary outcomes (Alzheimer's disease, vascular dementia and mild cognitive impairment) used.

Table S1: Concept codes for primary and secondary outcomes

Concept ID	Concept Name	Phenotype
4182210	Dementia	All Cause Dementia
378419	Alzheimer's disease	All Cause Dementia
374888	Dementia associated with another disease	All Cause Dementia
43530666	Dementia with behavioral disturbance	All Cause Dementia
375791	Uncomplicated senile dementia	All Cause Dementia
37109056	Vascular dementia without behavioral disturbance	All Cause Dementia
4220313	Primary degenerative dementia of the Alzheimer type, senile onset	All Cause Dementia
439276	Uncomplicated arteriosclerotic dementia	All Cause Dementia
37018688	Vascular dementia with behavioral disturbance	All Cause Dementia
380701	Diffuse Lewy body disease	All Cause Dementia
379784	Senile dementia with depression	All Cause Dementia
380986	Senile dementia with delusion	All Cause Dementia
376085	Uncomplicated presenile dementia	All Cause Dementia
4218017	Primary degenerative dementia of the Alzheimer type, presenile onset	All Cause Dementia
4043378	Frontotemporal dementia	All Cause Dementia
374326	Arteriosclerotic dementia with depression	All Cause Dementia
376946	Senile dementia with delirium	All Cause Dementia
4100252	Arteriosclerotic dementia with paranoia	All Cause Dementia
377527	Presenile dementia with depression	All Cause Dementia
376094	Arteriosclerotic dementia with delirium	All Cause Dementia
443605	Vascular dementia	All Cause Dementia
378125	Presenile dementia	All Cause Dementia
381832	Presenile dementia with delirium	All Cause Dementia

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4048875	Senile dementia	All Cause Dementia
379778	Multi-infarct dementia	All Cause Dementia
4046090	Mixed cortical and subcortical vascular dementia	All Cause Dementia
4196433	Senile dementia of the Lewy body type	All Cause Dementia
4278830	Primary degenerative dementia of the Alzheimer type, senile onset, uncomplicated	All Cause Dementia
4047747	Subcortical vascular dementia	All Cause Dementia
4314734	Dementia associated with Parkinson's Disease	All Cause Dementia
43530664	Dementia of the Alzheimer type with behavioral disturbance	All Cause Dementia
4019705	Primary degenerative dementia of the Alzheimer type, presenile onset, with depression	All Cause Dementia
37111242	Delirium co-occurrent with dementia	All Cause Dementia
4277444	Primary degenerative dementia of the Alzheimer type, presenile onset, uncomplicated	All Cause Dementia
4046089	Vascular dementia of acute onset	All Cause Dementia
4101137	Senile dementia with depressive or paranoid features	All Cause Dementia
43021816	Mixed dementia	All Cause Dementia
441002	Dementia of frontal lobe type	All Cause Dementia
377254	Multi-infarct dementia, uncomplicated	All Cause Dementia
44782422	Dementia due to Parkinson's disease	All Cause Dementia
443864	Multi-infarct dementia with depression	All Cause Dementia
4100250	Senile dementia with paranoia	All Cause Dementia
4187091	Pseudodementia	All Cause Dementia
43020444	Primary degenerative dementia	All Cause Dementia
4307791	Dementia paralytica juvenilis	All Cause Dementia
443790	Multi-infarct dementia with delusions	All Cause Dementia
762704	Moderate dementia	All Cause Dementia
4244346	Dialysis dementia	All Cause Dementia
4159643	Senile dementia with psychosis	All Cause Dementia
40483103	Dementia due to Huntington chorea	All Cause Dementia
762497	Mild dementia	All Cause Dementia
44782763	Lewy body dementia with behavioral disturbance	All Cause Dementia
444091	Multi-infarct dementia with delirium	All Cause Dementia
4234089	Subcortical leukoencephalopathy	All Cause Dementia
765653	Severe dementia	All Cause Dementia
4092747	Cerebral degeneration presenting primarily with dementia	All Cause Dementia
44782771	Presenile dementia with delusions	All Cause Dementia
44784521	Post-traumatic dementia with behavioral change	All Cause Dementia
4046091	Semantic dementia	All Cause Dementia
4044051	Frontal lobe degeneration with motor neurone disease	All Cause Dementia
4097384	Primary degenerative dementia of the Alzheimer type, senile onset, with depression	All Cause Dementia
4044050	Frontotemporal degeneration	All Cause Dementia
44784474	Dementia associated with multiple sclerosis	All Cause Dementia
4098163	Presenile dementia with paranoia	All Cause Dementia
4041685	Amyotrophic lateral sclerosis with dementia	All Cause Dementia
4043242	Non-familial Alzheimer's disease of early onset	All Cause Dementia
4043243	Familial Alzheimer's disease of late onset	All Cause Dementia
4043244	Non-familial Alzheimer's disease of late onset	All Cause Dementia
4043377	Focal Alzheimer's disease	All Cause Dementia
4043379	Progressive aphasia in Alzheimer's disease	All Cause Dementia
4047748	Patchy dementia	All Cause Dementia
4167839	Primary degenerative dementia of the Alzheimer type, senile onset, with delirium	All Cause Dementia
4180284	Dementia due to Creutzfeldt Jakob disease	All Cause Dementia
4182539	Primary degenerative dementia of the Alzheimer type, presenile onset, with delusions	All Cause Dementia
4204688	Primary degenerative dementia of the Alzheimer type, senile onset, with delusions	All Cause Dementia
4265907	Parkinson-dementia complex of Guam	All Cause Dementia
4277746	Primary degenerative dementia of the Alzheimer type, presenile onset, with delirium	All Cause Dementia
36717248	Ischemic vascular dementia	All Cause Dementia
37109222	Hallucinations co-occurrent and due to late onset dementia	All Cause Dementia
37110677	Epilepsy co-occurrent and due to dementia	All Cause Dementia
37395562	Multi-infarct dementia due to atherosclerosis	All Cause Dementia
37395572	Alzheimer's disease co-occurrent with delirium	All Cause Dementia
37396752	Right temporal lobar atrophy	All Cause Dementia
37399020	Behavioral variant of frontotemporal dementia	All Cause Dementia
44782710	Dementia due to Pick's disease	All Cause Dementia
44782726	Delusions in Alzheimer's disease	All Cause Dementia
44782727	Depressed mood in Alzheimer's disease	All Cause Dementia

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

44784473	Dementia associated with normal pressure hydrocephalus	All Cause Dementia
44784620	Altered behavior in Huntington's dementia	All Cause Dementia
42538857	Subcortical dementia	All Cause Dementia
37110513	Dementia due to disorder of central nervous system	All Cause Dementia
4150604	Frontal lobe degeneration	All Cause Dementia
36716797	Dementia due to chromosomal anomaly	All Cause Dementia
37116469	Dementia with Down syndrome	All Cause Dementia
	Behavioral disturbance co-occurrent and due to late onset Alzheimer dementia	
37117145		All Cause Dementia
45765480	Frontotemporal dementia with parkinsonism-17	All Cause Dementia
44784559	Dementia associated with neurosyphilis	All Cause Dementia
44784607	Dementia associated with cerebral anoxia	All Cause Dementia
	Primary degenerative dementia of the Alzheimer type, senile onset, with behavioral disturbance	
762578		All Cause Dementia
43020422	Dementia due to Rett's syndrome	All Cause Dementia
44782559	Dementia due to multiple sclerosis with altered behavior	All Cause Dementia
44784643	Altered behavior in Alzheimer's disease	All Cause Dementia
45765477	GRN-related frontotemporal dementia	All Cause Dementia
36716795	Dementia co-occurrent and due to neurocysticercosis	All Cause Dementia
37109635	Rapidly progressive dementia	All Cause Dementia
701322	memantine	Anti dementia drug
757627	galantamine	Anti dementia drug
733523	rivastigmine	Anti dementia drug
715997	donepezil	Anti dementia drug
836654	tacrine	Anti dementia drug
381270	Parkinson's disease	Parkinson's Disease
4314734	Dementia associated with Parkinson's Disease	Parkinson's Disease
44782422	Dementia due to Parkinson's disease	Parkinson's Disease
36713737	Orthostatic hypotension co-occurrent and due to Parkinson's disease	Parkinson's Disease
37396747	Autosomal dominant late onset Parkinson disease	Parkinson's Disease
715710	rasagiline	Anti parkinson's drug
715727	tolcapone	Anti parkinson's drug
740560	carbidopa	Anti parkinson's drug
766209	selegiline	Anti parkinson's drug
782211	entacapone	Anti parkinson's drug
789578	levodopa	Anti parkinson's drug
837027	apomorphine	Anti parkinson's drug
1594333	safinamide	Anti parkinson's drug
19016463	benserazide	Anti parkinson's drug
40799013	Opicapone	Anti parkinson's drug
43527177	etilevodopa	Anti parkinson's drug
378419	Alzheimer's disease	Alzheimer's disease
4220313	Primary degenerative dementia of the Alzheimer type, senile onset	Alzheimer's disease
4218017	Primary degenerative dementia of the Alzheimer type, presenile onset	Alzheimer's disease
	Primary degenerative dementia of the Alzheimer type, senile onset, uncomplicated	
4278830		Alzheimer's disease
43530664	Dementia of the Alzheimer type with behavioral disturbance	Alzheimer's disease
	Primary degenerative dementia of the Alzheimer type, presenile onset, with depression	
4019705		Alzheimer's disease
	Primary degenerative dementia of the Alzheimer type, presenile onset, uncomplicated	
4277444		Alzheimer's disease
	Primary degenerative dementia of the Alzheimer type, senile onset, with depression	
4097384		Alzheimer's disease
4043243	Familial Alzheimer's disease of late onset	Alzheimer's disease
44782432	Early onset Alzheimer's disease with behavioral disturbance	Alzheimer's disease
4043377	Focal Alzheimer's disease	Alzheimer's disease
37395572	Alzheimer's disease co-occurrent with delirium	Alzheimer's disease
4043244	Non-familial Alzheimer's disease of late onset	Alzheimer's disease
4043241	Familial Alzheimer's disease of early onset	Alzheimer's disease
	Primary degenerative dementia of the Alzheimer type, presenile onset, with delusions	
4182539		Alzheimer's disease
	Primary degenerative dementia of the Alzheimer type, presenile onset, with delirium	
4277746		Alzheimer's disease
44782726	Delusions in Alzheimer's disease	Alzheimer's disease
	Primary degenerative dementia of the Alzheimer type, senile onset, with delusions	
4204688		Alzheimer's disease
4043242	Non-familial Alzheimer's disease of early onset	Alzheimer's disease
44782727	Depressed mood in Alzheimer's disease	Alzheimer's disease
	Primary degenerative dementia of the Alzheimer type, senile onset, with delirium	
4167839		Alzheimer's disease
4043379	Progressive aphasia in Alzheimer's disease	Alzheimer's disease

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

37117145	Behavioral disturbance co-occurrent and due to late onset Alzheimer dementia	Alzheimer's disease
44784643	Altered behavior in Alzheimer's disease	Alzheimer's disease
762578	Primary degenerative dementia of the Alzheimer type, senile onset, with behavioral disturbance	Alzheimer's disease
439795	Minimal cognitive impairment	Mild Cognitive Impairment
40482301	Residual cognitive deficit as late effect of cerebrovascular accident	Mild Cognitive Impairment
443432	Impaired cognition	Mild Cognitive Impairment
4009705	Age-related cognitive decline	Mild Cognitive Impairment
4304008	Memory impairment	Mild Cognitive Impairment
4297400	Mild cognitive disorder	Mild Cognitive Impairment
4206332	Forgetful	Mild Cognitive Impairment
4145069	Transient memory loss	Mild Cognitive Impairment
4099961	Mild memory disturbance	Mild Cognitive Impairment
4076654	Memory lapses	Mild Cognitive Impairment
37016192	Cognitive deficit in attention	Mild Cognitive Impairment
45765899	Moderate cognitive impairment	Mild Cognitive Impairment
44782725	Cognitive changes due to organic disorder	Mild Cognitive Impairment
42537141	Impaired executive functioning	Mild Cognitive Impairment
4022572	Disturbance of cognitive learning	Mild Cognitive Impairment
4074319	Minor memory lapses	Mild Cognitive Impairment
4166262	Disturbance of memory for order of events	Mild Cognitive Impairment
37110498	Cognitive impairment co-occurrent and due to primary psychotic disorder	Mild Cognitive Impairment
4005009	Lack of thinking ability	Mild Cognitive Impairment
45765900	Severe cognitive impairment	Mild Cognitive Impairment
42539256	Cognitive deficit due to and following cerebrovascular disease	Mild Cognitive Impairment
37109056	Vascular dementia without behavioral disturbance	Vascular Dementia
439276	Uncomplicated arteriosclerotic dementia	Vascular Dementia
37018688	Vascular dementia with behavioral disturbance	Vascular Dementia
374326	Arteriosclerotic dementia with depression	Vascular Dementia
4100252	Arteriosclerotic dementia with paranoia	Vascular Dementia
376094	Arteriosclerotic dementia with delirium	Vascular Dementia
443605	Vascular dementia	Vascular Dementia
379778	Multi-infarct dementia	Vascular Dementia
4046090	Mixed cortical and subcortical vascular dementia	Vascular Dementia
4047747	Subcortical vascular dementia	Vascular Dementia
4046089	Vascular dementia of acute onset	Vascular Dementia
377254	Multi-infarct dementia, uncomplicated	Vascular Dementia
443864	Multi-infarct dementia with depression	Vascular Dementia
443790	Multi-infarct dementia with delusions	Vascular Dementia
444091	Multi-infarct dementia with delirium	Vascular Dementia
4045742	Multi-infarct state	Vascular Dementia
36717248	Ischemic vascular dementia	Vascular Dementia
37395562	Multi-infarct dementia due to atherosclerosis	Vascular Dementia
42538857	Subcortical dementia	Vascular Dementia

Covariate definitions

Below is a description of the covariates used and a table defining the covariate disease and prescription phenotypes used.

We use 33 covariates to generate our propensity score:

- Age
- Gender
- BMI
- Ethnicity
- Smoking status
- Health care utilisation in outpatient records
- First prescription year
- US region
- Lab measurements
 - Hb1Ac
 - eGFR
- Co morbidities
 - Angina
 - hypertension
 - COPD

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

- CKD diagnosis
- CKD stage
- stroke
- heart attack
- heart failure
- atrial fibrillation
- coronary heart disease
- substance abuse
- high cholesterol
- head injury
- arthritis
- psychiatric disorders
- peripheral arterial disease
- eye disease
- cancer
- Other prescription drugs
 - ACE inhibitors
 - glucocorticoids
 - nonsteroidal anti-inflammatory drugs (NSAIDs)
 - beta-2 agonists,
 - diuretics
 - angiotensin receptor blockers (ARBs)

Table S2: Concept codes for disease and prescription covariates used for generation of propensity scores for inverse probability treatment weighting (IPTW)

Concept ID	Concept Name	Phenotype
43531588	Angina associated with type 2 diabetes mellitus	Angina
36712984	Angina co-occurrent and due to arteriosclerosis of coronary artery bypass graft	Angina
36712983	Angina co-occurrent and due to coronary arteriosclerosis	Angina
36712982	Unstable angina co-occurrent and due to coronary arteriosclerosis	Angina
4324893	Typical angina	Angina
4310270	Angina, class III	Angina
4264145	Angina, class I	Angina
4262446	Nocturnal angina	Angina
4231426	Angina, class IV	Angina
4201629	Refractory angina	Angina
4198141	Post infarct angina	Angina
4184827	Angina, class II	Angina
4161974	Recurrent angina after percutaneous transluminal coronary angioplasty	Angina
4161973	Progressive angina	Angina
4161457	Recurrent angina after coronary artery bypass graft	Angina
4161456	Recurrent angina after coronary stent placement	Angina
4155963	Atypical angina	Angina
4155009	Recurrent angina after directional coronary atherectomy	Angina
4119942	Stable angina	Angina
4119455	New onset angina	Angina
4116486	Exercise-induced angina	Angina
4108670	Acute coronary insufficiency	Angina
4078531	Status anginosus	Angina
4068938	Syncope anginosa	Angina
321318	Angina pectoris	Angina
315832	Angina decubitus	Angina
315830	Prinzmetal angina	Angina
315296	Preinfarction syndrome	Angina
77670	Chest pain	Angina
4079750	Osteoarthritis of knee	Arthritis
80180	Osteoarthritis	Arthritis
80809	Rheumatoid arthritis	Arthritis
4324765	Arthropathy of knee joint	Arthritis
72993	Localized, primary osteoarthritis	Arthritis
72990	Localized osteoarthritis uncertain if primary OR secondary	Arthritis
75617	Degenerative joint disease involving multiple joints	Arthritis
4079749	Osteoarthritis of hip	Arthritis
4035439	Idiopathic osteoarthritis	Arthritis
73840	Localized, primary osteoarthritis of the shoulder region	Arthritis

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4208390	Inflammation of sacroiliac joint	Arthritis
434123	Primary localized osteoarthritis of pelvic region	Arthritis
74125	Inflammatory polyarthropathy	Arthritis
75036	Localized, primary osteoarthritis of the hand	Arthritis
4035611	Seropositive rheumatoid arthritis	Arthritis
78505	Localized, primary osteoarthritis of the ankle and/or foot	Arthritis
75897	Polyarthropathy	Arthritis
40483262	Arthritis of shoulder region joint	Arthritis
76194	Osteoarthritis involving multiple sites but not designated as generalized	Arthritis
4219481	Degenerative joint disease of ankle AND/OR foot	Arthritis
4242103	Osteoarthritis of the carpometacarpal joint of the thumb	Arthritis
4083556	Seronegative rheumatoid arthritis	Arthritis
4291025	Arthritis	Arthritis
4117686	Rheumatoid arthritis of multiple joints	Arthritis
4197476	Localized, primary osteoarthritis of the wrist	Arthritis
4346970	Knee pyogenic arthritis	Arthritis
4035441	Osteoarthritis of wrist	Arthritis
4144996	Generalized osteoarthritis of the hand	Arthritis
44783205	Post traumatic osteoarthritis	Arthritis
4159739	Arthritis of knee	Arthritis
4115161	Rheumatoid arthritis - hand joint	Arthritis
80802	Localized, secondary osteoarthritis	Arthritis
80183	Localized, secondary osteoarthritis of the ankle and/or foot	Arthritis
4197477	Localized, primary osteoarthritis of elbow	Arthritis
4103372	Primary localized osteoarthritis of multiple sites	Arthritis
77631	Localized, secondary osteoarthritis of the shoulder region	Arthritis
4083695	Osteoarthritis of elbow	Arthritis
4107913	Myopathy due to rheumatoid arthritis	Arthritis
437064	Chondrocalcinosis	Arthritis
80804	Allergic arthritis of multiple sites	Arthritis
4116151	Rheumatoid arthritis of knee	Arthritis
4117687	Rheumatoid arthritis - ankle and/or foot	Arthritis
74722	Secondary localized osteoarthritis of pelvic region	Arthritis
4116451	Erosive osteoarthritis	Arthritis
40490497	Arthritis of hand	Arthritis
4116441	Rheumatoid arthritis of wrist	Arthritis
4286642	Arthritis of hip	Arthritis
4114439	Rheumatoid arthritis of shoulder	Arthritis
46273178	Osteoarthritis of hip due to dysplasia	Arthritis
4143463	Localized osteoarthritis	Arthritis
79904	Localized, secondary osteoarthritis of the hand	Arthritis
81097	Felty's syndrome	Arthritis
44782455	Monoarthritis of knee	Arthritis
40481943	Secondary osteoarthritis	Arthritis
4102493	Polyneuropathy in rheumatoid arthritis	Arthritis
72994	Jaccoud's syndrome	Arthritis
80494	Arthropathy associated with another disorder	Arthritis
36713111	Osteoarthritis of right knee joint	Arthritis
4115379	Localized, primary osteoarthritis of the pelvic region and thigh	Arthritis
36717036	Osteoarthritis of left knee joint	Arthritis
437629	Chondrocalcinosis due to dicalcium phosphate crystals	Arthritis
4116150	Rheumatoid arthritis of hip	Arthritis
42872407	Arthritis of wrist	Arthritis
4116440	Rheumatoid arthritis of elbow	Arthritis
4185423	Chronic osteoarthritis	Arthritis
4147779	Osteoarthritis of multiple joints	Arthritis
73838	Pyogenic arthritis of multiple sites	Arthritis
4205509	Arthritis of elbow	Arthritis
4323882	Arthritis of acromioclavicular joint	Arthritis
4057588	Arthritis associated with another disorder	Arthritis
4065483	Reactive arthropathy of knee	Arthritis
4160051	Osteoarthritis of glenohumeral joint	Arthritis
4202790	Osteoarthritis of foot joint	Arthritis
4083696	Osteoarthritis of ankle	Arthritis
4343918	Osteoarthritis of finger joint	Arthritis
4035440	Osteoarthritis of acromioclavicular joint	Arthritis
80806	Climacteric arthritis of multiple sites	Arthritis
4025957	Degenerative polyarthrititis	Arthritis
36713110	Osteoarthritis of right hip joint	Arthritis
4066952	Staphylococcal arthritis and polyarthrititis	Arthritis

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

36713109	Osteoarthritis of left hip joint	Arthritis
4083686	Apatite-associated destructive arthritis	Arthritis
4094283	Lower limb joint arthritis	Arthritis
4240648	Arthritis of temporomandibular joint	Arthritis
42872530	Patellofemoral osteoarthritis	Arthritis
4176008	Arthritis of joint of toe	Arthritis
36713103	Osteoarthritis of joint of right shoulder region	Arthritis
36713099	Osteoarthritis of joint of left shoulder region	Arthritis
45763782	Primary osteoarthritis of ankle	Arthritis
4343919	Osteoarthritis of toe joint	Arthritis
4269880	Rheumatoid arthritis	Arthritis
4163270	Seronegative arthritis	Arthritis
4083694	Osteoarthritis of spinal facet joint	Arthritis
4083698	Osteoarthritis of subtalar joint	Arthritis
45765978	Osteoarthritis of midfoot	Arthritis
37017534	Osteoarthritis of lumbar spinal facet joint	Arthritis
4114444	Flare of rheumatoid arthritis	Arthritis
4179378	Rheumatoid arthritis of foot	Arthritis
4067196	Pneumococcal arthritis and polyarthritis	Arthritis
4035442	Osteoarthritis of first metatarsophalangeal joint	Arthritis
4116445	Rheumatoid arthritis of ankle	Arthritis
36712697	Osteoarthritis of left foot	Arthritis
36713102	Osteoarthritis of joint of right hand	Arthritis
36712696	Osteoarthritis of right foot	Arthritis
36717301	Osteoarthritis of joint of left ankle	Arthritis
4200420	Spinal arthritis deformans	Arthritis
37108770	Osteoarthritis of left patellofemoral joint	Arthritis
37108614	Arthritis of right ankle	Arthritis
37108613	Arthritis of left foot	Arthritis
37117087	Osteoarthritis of right patellofemoral joint	Arthritis
36713104	Osteoarthritis of joint of right wrist	Arthritis
37108612	Arthritis of left ankle	Arthritis
37117139	Arthritis of right foot	Arthritis
36713098	Osteoarthritis of joint of left hand	Arthritis
36713100	Osteoarthritis of joint of left wrist	Arthritis
37395590	Rheumatoid lung disease with rheumatoid arthritis	Arthritis
37108602	Arthritis of left glenohumeral joint	Arthritis
45763783	Secondary osteoarthritis of ankle	Arthritis
37109101	Osteoarthritis of joint right ankle	Arthritis
36713101	Osteoarthritis of joint of right ankle and/or foot	Arthritis
4346972	Osteoarthritis of distal interphalangeal joint	Arthritis
4150309	Localized, secondary osteoarthritis of the pelvic region and thigh	Arthritis
4189855	Chronic arthropathy	Arthritis
4327181	Interphalangeal osteoarthritis	Arthritis
4035744	Secondary inflammatory arthritis	Arthritis
45763784	Osteoarthritis of ankle secondary to trauma	Arthritis
4003507	Degenerative arthritis of temporomandibular joint	Arthritis
37108603	Arthritis of right glenohumeral joint	Arthritis
36717302	Osteoarthritis of joint of right elbow	Arthritis
37108771	Bilateral patellofemoral joint osteoarthritis	Arthritis
45765981	Osteoarthritis of midfoot secondary to inflammatory arthritis	Arthritis
4175623	Periarthritis	Arthritis
37108919	Osteoarthritis of right subtalar joint	Arthritis
36713091	Bilateral osteoarthritis of first carpometacarpal joint	Arthritis
37108918	Osteoarthritis of left subtalar joint	Arthritis
37119224	Arthritis of right elbow	Arthritis
4116442	Rheumatoid arthritis of metacarpophalangeal joint	Arthritis
4103516	Rheumatoid carditis	Arthritis
4179092	Acute polyarthritis	Arthritis
4110738	Osteoarthritis deformans	Arthritis
37108605	Arthritis of left elbow	Arthritis
37108714	Seropositive rheumatoid arthritis of multiple joints	Arthritis
46273442	Deformity of hand due to rheumatoid arthritis	Arthritis
37018720	Osteoarthritis of facet joint of thoracic spine	Arthritis
4115050	Rheumatoid arthritis of distal radioulnar joint	Arthritis
4323570	Secondary localized osteoarthritis of multiple sites	Arthritis
4265764	Polyarthritis associated with another disorder	Arthritis
4266078	Infective polyarthritis	Arthritis
4322886	Arthritis of midtarsal joint	Arthritis
4311391	Uveitis-rheumatoid arthritis syndrome	Arthritis
4296152	Pericarditis secondary to rheumatoid arthritis	Arthritis

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4033630	Arthritis of temporomandibular joint as part of polyarthritis	Arthritis
4162539	Rheumatoid pneumoconiosis	Arthritis
37117136	Osteoarthritis of first metatarsophalangeal joint of right foot	Arthritis
37108616	Bilateral arthritis of feet	Arthritis
42537576	Osteoarthritis of joint of left ankle and/or foot	Arthritis
37117137	Osteoarthritis of first metatarsophalangeal joint of left foot	Arthritis
4195770	Idiopathic polyarthritis	Arthritis
4200987	Extra-articular rheumatoid process	Arthritis
4178949	Sequelae of inflammatory diseases	Arthritis
4179146	Subtalar joint inflamed	Arthritis
762330	Osteoarthritis of first carpometacarpal joint of right hand	Arthritis
762329	Osteoarthritis of first carpometacarpal joint of left hand	Arthritis
42535499	Osteoarthritis of joint of left elbow	Arthritis
45763809	Osteoarthritis of talonavicular joint	Arthritis
42534860	Osteoarthritis of right sacroiliac joint	Arthritis
37108615	Bilateral arthritis of ankle	Arthritis
42539214	Osteoarthritis of left sacroiliac joint	Arthritis
4173669	Osteoarthritis of metacarpophalangeal joint	Arthritis
4114440	Rheumatoid arthritis of distal interphalangeal joint of finger	Arthritis
4114441	Rheumatoid arthritis of first metatarsophalangeal joint	Arthritis
4116148	Rheumatoid arthritis of sternoclavicular joint	Arthritis
4116149	Rheumatoid arthritis of acromioclavicular joint	Arthritis
4116446	Rheumatoid arthritis of subtalar joint	Arthritis
760570	Osteoarthritis of bilateral elbows	Arthritis
4147418	Seropositive erosive rheumatoid arthritis	Arthritis
759878	Osteoarthritis of right acromioclavicular joint	Arthritis
762486	Localized osteoarthritis of wrist	Arthritis
4192894	Exacerbation of osteoarthritis	Arthritis
36684455	Osteoarthritis of bilateral hip joints	Arthritis
37108590	Rheumatoid arthritis of left knee	Arthritis
37108591	Rheumatoid arthritis of right knee	Arthritis
37108600	Osteoarthritis of right sternoclavicular joint	Arthritis
37108601	Osteoarthritis of right foot due to trauma	Arthritis
37108608	Bilateral arthritis of wrist	Arthritis
37108902	Osteoarthritis of right temporomandibular joint	Arthritis
37108903	Osteoarthritis of left temporomandibular joint	Arthritis
37108920	Bilateral osteoarthritis of first metatarsophalangeal joint of feet	Arthritis
37109099	Osteoarthritis of left ankle due to trauma	Arthritis
37109100	Osteoarthritis of right ankle due to trauma	Arthritis
37117421	Rheumatoid arthritis in remission	Arthritis
37395586	Osteoarthritis of hip co-occurrent and due to dysplasia	Arthritis
4035756	Osteoarthritis of metacarpophalangeal joint of finger	Arthritis
42534834	Rheumatoid arthritis of left hand	Arthritis
42534835	Rheumatoid arthritis of left hip	Arthritis
42534836	Rheumatoid arthritis of right hand	Arthritis
42534837	Rheumatoid arthritis of right hip	Arthritis
42534839	Deformity of left hand co-occurrent and due to rheumatoid arthritis	Arthritis
42534840	Deformity of right foot co-occurrent and due to rheumatoid arthritis	Arthritis
42534841	Deformity of left foot co-occurrent and due to rheumatoid arthritis	Arthritis
42534855	Osteoarthritis of left sternoclavicular joint	Arthritis
42534856	Osteoarthritis of midtarsal joint of right foot	Arthritis
42534857	Osteoarthritis of midtarsal joint of left foot	Arthritis
42534859	Osteoarthritis of left foot due to trauma	Arthritis
42534863	Bilateral arthritis of elbows	Arthritis
42536657	Rheumatoid arthritis without erosion	Arthritis
42539550	Erosion of joint surface co-occurrent and due to rheumatoid arthritis	Arthritis
4035427	Rheumatoid arthritis with multisystem involvement	Arthritis
45763802	Subtalar osteoarthritis secondary to inflammatory arthritis	Arthritis
45763804	Osteoarthritis of ankle secondary to inflammatory arthritis	Arthritis
45763810	Primary talonavicular osteoarthritis	Arthritis
45763815	Talonavicular osteoarthritis secondary to inflammatory arthritis	Arthritis
45763817	Primary osteoarthritis of first metatarsophalangeal joint	Arthritis
45763819	Osteoarthritis of first metatarsophalangeal joint secondary to inflammatory arthritis	Arthritis
45765979	Primary osteoarthritis of midfoot	Arthritis
4088352	Sinus arrest with atrial escape	Atrial Fibrillation
4124704	Postoperative sinus node dysfunction	Atrial Fibrillation
37395937	Idiopathic neonatal atrial flutter	Atrial Fibrillation
4102252	Asymptomatic sinoatrial node dysfunction	Atrial Fibrillation
4120085	Supraventricular tachycardia with functional bundle branch block	Atrial Fibrillation
4088210	Sinus arrest with junctional escape	Atrial Fibrillation

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4119604	Paroxysmal familial ventricular fibrillation	Atrial Fibrillation
4098133	Chronic ectopic atrial tachycardia	Atrial Fibrillation
4119603	Familial sick sinus syndrome	Atrial Fibrillation
4119602	Non-rheumatic atrial fibrillation	Atrial Fibrillation
4028322	Sinoatrial arrest with nodal/ventricular escape	Atrial Fibrillation
42872924	Atrial standstill	Atrial Fibrillation
4120084	Sinoatrial node tachycardia	Atrial Fibrillation
4303256	Sinoatrial nodal reentrant tachycardia	Atrial Fibrillation
4124697	Incessant atrial tachycardia	Atrial Fibrillation
37395821	Familial atrial fibrillation	Atrial Fibrillation
4139517	Transient cerebral ischemia due to atrial fibrillation	Atrial Fibrillation
4325850	Sustained ventricular fibrillation	Atrial Fibrillation
4124696	Re-entrant atrial tachycardia	Atrial Fibrillation
4218739	Junctional premature beats	Atrial Fibrillation
44782789	Nonsustained paroxysmal supraventricular tachycardia	Atrial Fibrillation
44782789	Nonsustained paroxysmal supraventricular tachycardia	Atrial Fibrillation
4226399	Fibrillation	Atrial Fibrillation
4190306	Paroxysmal atrial tachycardia with block	Atrial Fibrillation
4277903	Sinoatrial block	Atrial Fibrillation
4119601	Lone atrial fibrillation	Atrial Fibrillation
4169261	Severe sinus bradycardia	Atrial Fibrillation
4248028	Supraventricular arrhythmia	Atrial Fibrillation
4121479	Ectopic atrial tachycardia	Atrial Fibrillation
4137382	Chronic atrial flutter	Atrial Fibrillation
4137382	Chronic atrial flutter	Atrial Fibrillation
40480216	Symptomatic sinus bradycardia	Atrial Fibrillation
4065288	EKG: atrial flutter	Atrial Fibrillation
45768480	Longstanding persistent atrial fibrillation	Atrial Fibrillation
4176112	Multifocal atrial tachycardia	Atrial Fibrillation
4145510	EKG: supraventricular tachycardia	Atrial Fibrillation
4064452	ECG: atrial fibrillation	Atrial Fibrillation
4210313	Sinus arrest	Atrial Fibrillation
315643	Tachyarrhythmia	Atrial Fibrillation
4137871	Inappropriate sinus tachycardia	Atrial Fibrillation
4111700	Ventricular fibrillation and flutter	Atrial Fibrillation
4111700	Ventricular fibrillation and flutter	Atrial Fibrillation
4258998	Persistent sinus bradycardia	Atrial Fibrillation
4199501	Rapid atrial fibrillation	Atrial Fibrillation
4117112	Controlled atrial fibrillation	Atrial Fibrillation
4146580	Paroxysmal atrial flutter	Atrial Fibrillation
4146580	Paroxysmal atrial flutter	Atrial Fibrillation
4254116	Tachycardia-bradycardia	Atrial Fibrillation
4171269	Atrial tachycardia	Atrial Fibrillation
44782442	Atrial fibrillation with rapid ventricular response	Atrial Fibrillation
4108830	Atrial paroxysmal tachycardia	Atrial Fibrillation
4232691	Permanent atrial fibrillation	Atrial Fibrillation
4171683	Sinus bradycardia	Atrial Fibrillation
4108832	Atrial fibrillation and flutter	Atrial Fibrillation
36712986	Atypical atrial flutter	Atrial Fibrillation
36712986	Atypical atrial flutter	Atrial Fibrillation
36712986	Atypical atrial flutter	Atrial Fibrillation
4068155	Atrial arrhythmia	Atrial Fibrillation
36714994	Typical atrial flutter	Atrial Fibrillation
36714994	Typical atrial flutter	Atrial Fibrillation
36714994	Typical atrial flutter	Atrial Fibrillation
437894	Ventricular fibrillation	Atrial Fibrillation
437894	Ventricular fibrillation	Atrial Fibrillation
437894	Ventricular fibrillation	Atrial Fibrillation
4232697	Persistent atrial fibrillation	Atrial Fibrillation
317893	Paroxysmal supraventricular tachycardia	Atrial Fibrillation
317893	Paroxysmal supraventricular tachycardia	Atrial Fibrillation
317893	Paroxysmal supraventricular tachycardia	Atrial Fibrillation
4261842	Sick sinus syndrome	Atrial Fibrillation
4275423	Supraventricular tachycardia	Atrial Fibrillation
317302	Sinus node dysfunction	Atrial Fibrillation
314665	Atrial flutter	Atrial Fibrillation
320536	Electrocardiogram abnormal	Atrial Fibrillation
4141360	Chronic atrial fibrillation	Atrial Fibrillation
4154290	Paroxysmal atrial fibrillation	Atrial Fibrillation
44784217	Cardiac arrhythmia	Atrial Fibrillation
313217	Atrial fibrillation	Atrial Fibrillation

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

137809	Primary malignant neoplasm of female breast	Cancer
200962	Primary malignant neoplasm of prostate	Cancer
4311499	Primary malignant neoplasm of respiratory tract	Cancer
78097	Secondary malignant neoplasm of bone	Cancer
436353	Primary malignant neoplasm of upper outer quadrant of female breast	Cancer
197500	Primary malignant neoplasm of colon	Cancer
437233	Multiple myeloma	Cancer
196360	Primary malignant neoplasm of bladder	Cancer
261236	Primary malignant neoplasm of upper lobe, bronchus or lung	Cancer
74582	Primary malignant neoplasm of rectum	Cancer
200051	Primary malignant neoplasm of ovary	Cancer
432571	Malignant lymphoma	Cancer
133711	Overlapping malignant neoplasm of female breast	Cancer
198985	Primary malignant neoplasm of kidney	Cancer
133424	Primary malignant neoplasm of thyroid gland	Cancer
199754	Primary malignant neoplasm of pancreas	Cancer
198700	Secondary malignant neoplasm of liver	Cancer
254591	Secondary malignant neoplasm of lung	Cancer
138994	Myelodysplastic syndrome	Cancer
4157454	Primary malignant neoplasm of lower lobe, bronchus or lung	Cancer
140352	Acute myeloid leukemia, disease	Cancer
380055	Primary malignant neoplasm of brain	Cancer
44806773	Secondary malignant neoplasm of liver and intrahepatic bile duct	Cancer
138379	Chronic lymphoid leukemia, disease	Cancer
443392	Malignant neoplastic disease	Cancer
378087	Secondary malignant neoplasm of brain and spinal cord	Cancer
440956	Primary malignant neoplasm of upper inner quadrant of female breast	Cancer
194286	Malignant neoplasm of corpus uteri, excluding isthmus	Cancer
136917	Primary malignant neoplasm of skin of face	Cancer
26638	Primary malignant neoplasm of esophagus	Cancer
438383	Essential thrombocythemia	Cancer
432845	Primary malignant neoplasm of central portion of female breast	Cancer
141232	Malignant melanoma of skin	Cancer
436635	Primary malignant neoplasm of sigmoid colon	Cancer
134305	Acute lymphoid leukemia	Cancer
441515	Primary malignant neoplasm of lower outer quadrant of female breast	Cancer
135214	Polycythemia vera	Cancer
4246451	Secondary malignant neoplasm of brain	Cancer
438699	Primary malignant neoplasm of rectosigmoid junction	Cancer
4300704	Diffuse large B-cell lymphoma	Cancer
432851	Secondary malignant neoplastic disease	Cancer
139750	Primary malignant neoplasm of skin	Cancer
196359	Primary malignant neoplasm of uterine cervix	Cancer
376647	Primary malignant neoplasm of soft tissues	Cancer
196044	Primary malignant neoplasm of stomach	Cancer
434298	Secondary malignant neoplasm of lymph nodes of upper limb	Cancer
4038838	Non-Hodgkin's lymphoma	Cancer
4082311	B-cell chronic lymphocytic leukemia	Cancer
4157456	Primary malignant neoplasm of skin head and neck	Cancer
439392	Primary malignant neoplasm	Cancer
318096	Secondary malignant neoplasm of lymph node	Cancer
258375	Overlapping malignant neoplasm of bronchus and lung	Cancer
196925	Secondary malignant neoplasm of retroperitoneum and peritoneum	Cancer
440649	Primary malignant neoplasm of head of pancreas	Cancer
134603	Chronic myeloid leukemia	Cancer
4038835	Hodgkin's disease	Cancer
4247719	Primary malignant neoplasm of ascending colon	Cancer
432263	Primary malignant neoplasm of lower inner quadrant of female breast	Cancer
433716	Primary malignant neoplasm of testis	Cancer
31509	Primary malignant neoplasm of tonsil	Cancer
201519	Primary malignant neoplasm of liver	Cancer
132841	Malignant lymphoma of lymph nodes of multiple sites	Cancer
256633	Primary malignant neoplasm of base of tongue	Cancer
26052	Primary malignant neoplasm of larynx	Cancer
141816	Acute lymphoid leukemia in remission	Cancer
193138	Primary malignant neoplasm of lower third of esophagus	Cancer
192568	Secondary malignant neoplasm of intra-abdominal lymph nodes	Cancer
45770892	Primary malignant neoplasm of uterus	Cancer
133147	Primary malignant neoplasm of skin of trunk	Cancer
439751	Secondary malignant neoplasm of intrathoracic lymph nodes	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

432837	Primary malignant neoplasm of cecum	Cancer
4001171	Liver cell carcinoma	Cancer
440658	Primary malignant neoplasm of skin of upper limb	Cancer
4003185	Refractory anemia	Cancer
437498	Primary malignant neoplasm of tongue	Cancer
438698	Malignant lymphoma of lymph nodes of head, face AND/OR neck	Cancer
442181	Secondary malignant neoplasm of lymph nodes of neck	Cancer
4163261	Malignant tumor of prostate	Cancer
257503	Primary malignant neoplasm of main bronchus	Cancer
80045	Primary malignant neoplasm of anus	Cancer
441233	Primary malignant neoplasm of frontal lobe	Cancer
256646	Primary malignant neoplasm of middle lobe, bronchus or lung	Cancer
4157457	Malignant neoplasm of skin of trunk	Cancer
260336	Primary malignant neoplasm of glottis	Cancer
432838	Primary malignant neoplasm of cardia of stomach	Cancer
200349	Malignant lymphoma of intra-abdominal lymph nodes	Cancer
4246127	Malignant neoplasm of liver	Cancer
4158910	Secondary malignant neoplasm of unknown site	Cancer
4091464	Malignant neoplasm of nipple and areola of female breast	Cancer
46270513	Secondary malignant neoplasm of right lung	Cancer
4149840	Nodular lymphoma	Cancer
76914	Primary malignant neoplasm of bone	Cancer
436348	Primary malignant neoplasm of anal canal	Cancer
133714	Malignant melanoma of skin of trunk	Cancer
40481901	Mantle cell lymphoma	Cancer
4162253	Primary malignant neoplasm of breast	Cancer
73153	Malignant neoplasm of lateral wall of urinary bladder	Cancer
317510	Leukemia	Cancer
436059	Multiple myeloma in remission	Cancer
432257	Primary malignant neoplasm of transverse colon	Cancer
46273652	Secondary malignant neoplasm of left lung	Cancer
198104	Primary malignant neoplasm of adrenal gland	Cancer
193144	Secondary malignant neoplasm of adrenal gland	Cancer
79740	Overlapping malignant neoplasm of colon	Cancer
433976	Primary malignant neoplasm of temporal lobe	Cancer
434588	Primary malignant neoplasm of parotid gland	Cancer
135204	Mycosis fungoides of extranodal AND/OR solid organ site	Cancer
4112853	Malignant tumor of breast	Cancer
72266	Secondary malignant neoplasm of pleura	Cancer
432833	Primary malignant neoplasm of oropharynx	Cancer
4312685	Primary malignant neoplasm of skin of lower limb	Cancer
441800	Primary malignant neoplasm of descending colon	Cancer
434293	Primary malignant neoplasm of body of pancreas	Cancer
4314071	Secondary malignant neoplasm of trunk	Cancer
438701	Disseminated malignancy of unknown primary	Cancer
133713	Malignant melanoma of skin of face	Cancer
4001664	Intrahepatic bile duct carcinoma	Cancer
200959	Secondary malignant neoplasm of intrapelvic lymph nodes	Cancer
135489	Primary malignant neoplasm of male breast	Cancer
4247350	Primary malignant neoplasm of skin of ear	Cancer
433143	Primary malignant neoplasm of appendix	Cancer
197806	Primary malignant neoplasm of gallbladder	Cancer
441805	Primary malignant neoplasm of endocervix	Cancer
438983	Malignant melanoma of skin of upper limb	Cancer
40490929	Primary malignant neoplasm of intrahepatic bile duct	Cancer
440058	Malignant lymphoma of extranodal AND/OR solid organ site	Cancer
132853	Lymphoid leukemia	Cancer
434592	B-cell lymphoma	Cancer
4092212	Malignant tumor of supraglottis	Cancer
136949	Refractory anemia with excess blasts	Cancer
439404	Primary malignant neoplasm of oral cavity	Cancer
197799	Primary malignant neoplasm of the peritoneum	Cancer
4095592	Malignant melanoma of scalp and/or neck	Cancer
37018875	Malignant neuroendocrine tumor	Cancer
139757	Malignant melanoma of skin of lower limb	Cancer
4095168	Malignant neoplasm, overlapping lesion of bladder	Cancer
200348	Secondary malignant neoplasm of large intestine	Cancer
198091	Primary malignant neoplasm of retroperitoneum	Cancer
195480	Primary malignant neoplasm of renal pelvis	Cancer
433149	Primary malignant neoplasm of cerebellum	Cancer
438086	Primary malignant neoplasm of parietal lobe	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

136354	Secondary malignant neoplasm of skin	Cancer
135762	Acute myeloid leukemia in remission	Cancer
435484	Primary malignant neoplasm of trigone of urinary bladder	Cancer
28083	Primary malignant neoplasm of pharynx	Cancer
4153890	Malignant melanoma of trunk	Cancer
45767695	Metastatic carcinoid tumor	Cancer
201801	Primary malignant neoplasm of fallopian tube	Cancer
133438	Chronic lymphoid leukemia in remission	Cancer
40482859	Malignant carcinoid tumor	Cancer
200054	Primary malignant neoplasm of ureter	Cancer
432843	Primary malignant neoplasm of tail of pancreas	Cancer
75756	Malignant neoplasm of posterior wall of urinary bladder	Cancer
438090	Overlapping malignant neoplasm of rectum, anus and anal canal	Cancer
40490918	Marginal zone lymphoma	Cancer
436344	Primary malignant neoplasm of posterior wall of nasopharynx	Cancer
135496	Acute leukemia in remission	Cancer
197508	Malignant tumor of urinary bladder	Cancer
373425	Secondary malignant neoplasm of nervous system	Cancer
138708	Acute leukemia	Cancer
434875	Secondary malignant neoplasm of mediastinum	Cancer
195197	Primary malignant neoplasm of vulva	Cancer
435753	Malignant lymphoma of intrathoracic lymph nodes	Cancer
438979	Primary malignant neoplasm of hepatic flexure of colon	Cancer
436640	Primary malignant neoplasm of long bone of lower limb	Cancer
4147411	Follicular non-Hodgkin's lymphoma	Cancer
320342	Secondary malignant neoplasm of lymph nodes of multiple sites	Cancer
261514	Primary malignant neoplasm of supraglottis	Cancer
320347	Nodular lymphoma of lymph nodes of multiple sites	Cancer
192261	Overlapping malignant neoplasm of pancreas	Cancer
192560	Malignant lymphoma of lymph nodes of inguinal region AND/OR lower limb	Cancer
4091490	Malignant neoplasm of cerebrum	Cancer
4149851	Malignant melanoma of upper limb	Cancer
433709	Primary malignant neoplasm of tonsillar fossa	Cancer
4155297	Malignant neoplasm of skin	Cancer
196048	Primary malignant neoplasm of vagina	Cancer
4312023	Secondary malignant neoplasm of intra-abdominal organs	Cancer
372849	Overlapping malignant neoplasm of brain and other parts of the central nervous system	Cancer
40487528	Non-Hodgkin's lymphoma of extranodal site	Cancer
435755	Primary malignant neoplasm of skin of eyelid	Cancer
133974	Overlapping malignant neoplasm of skin	Cancer
4098597	Waldenström macroglobulinemia	Cancer
435752	Primary malignant neoplasm of duodenum	Cancer
140666	Myeloid leukemia	Cancer
434881	Peripheral T-cell lymphoma	Cancer
40486896	Primary malignant neoplasm of extrahepatic bile duct	Cancer
197807	Primary malignant neoplasm of soft tissues of abdomen	Cancer
442182	Secondary malignant neoplasm of lymph nodes of lower limb	Cancer
4178976	Malignant tumor of thyroid gland	Cancer
378696	Primary malignant neoplasm of choroid	Cancer
441521	Malignant lymphoma of lymph nodes of axilla AND/OR upper limb	Cancer
4157332	Malignant neoplasm of female breast	Cancer
441225	Primary malignant neoplasm of ampulla of Vater	Cancer
132572	Chronic myeloid leukemia in remission	Cancer
4100425	Merkel cell carcinoma	Cancer
439746	Primary malignant neoplasm of hypopharynx	Cancer
436358	Primary malignant neoplasm of exocervix	Cancer
438368	Primary malignant neoplasm of thymus	Cancer
4091467	Malignant neoplasm of axillary tail of female breast	Cancer
4089777	Malignant neoplasm of connective and soft tissue of hip and lower limb	Cancer
192836	Primary malignant neoplasm of small intestine	Cancer
46271402	Malignant carcinoid tumor of small intestine	Cancer
437805	Primary malignant neoplasm of middle third of esophagus	Cancer
4162860	Primary malignant neoplasm of body of uterus	Cancer
25748	Overlapping malignant neoplasm of esophagus	Cancer
193422	Primary malignant neoplasm of body of stomach	Cancer
4180790	Malignant tumor of colon	Cancer
438367	Primary malignant neoplasm of nasal cavity	Cancer
42709931	Primary malignant neoplasm of dome of urinary bladder	Cancer
316356	Hodgkin's disease of lymph nodes of multiple sites	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

37018672	Malignant poorly differentiated neuroendocrine carcinoma	Cancer
4041800	Burkitt's lymphoma	Cancer
4038842	Hodgkin's disease, nodular sclerosis	Cancer
4095312	Malignant tumor of nasopharynx	Cancer
4118989	Malignant tumor of soft tissue of head, face and neck	Cancer
201231	Malignant neoplasm of connective and soft tissue of pelvis	Cancer
4147162	Secondary malignant neoplasm of respiratory and digestive systems	Cancer
442131	Primary malignant neoplasm of head	Cancer
441806	Primary malignant neoplasm of brain stem	Cancer
4001329	Follicular non-Hodgkin's lymphoma, mixed small cleaved cell and large cell	Cancer
4147164	Malignant tumor of lymphoid hemopoietic and related tissue	Cancer
78093	Primary malignant neoplasm of pleura	Cancer
136915	Primary malignant neoplasm of skin of lip	Cancer
4312698	Primary malignant neoplasm of trunk	Cancer
76349	Primary malignant neoplasm of urinary system	Cancer
4002357	Follicular non-Hodgkin's lymphoma, small cleaved cell	Cancer
443388	Malignant tumor of lung	Cancer
78987	Secondary malignant neoplasm of urinary system	Cancer
197803	Overlapping malignant neoplasm of stomach	Cancer
200662	Lymphosarcoma	Cancer
4040380	Mycosis fungoides	Cancer
4133599	Chronic myelomonocytic leukemia	Cancer
40482893	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue	Cancer
135750	Primary malignant neoplasm of floor of mouth	Cancer
436923	Primary malignant neoplasm of urinary bladder neck	Cancer
133419	Overlapping malignant melanoma of skin	Cancer
194589	Primary malignant neoplasm of biliary tract	Cancer
440957	Lymphosarcoma and reticulosarcoma	Cancer
22839	Overlapping malignant neoplasm of larynx	Cancer
435190	Primary malignant neoplasm of pyriform sinus	Cancer
315763	Hodgkin's disease, nodular sclerosis of lymph nodes of multiple sites	Cancer
136950	Myelodysplastic syndrome with isolated del(5q)	Cancer
437798	Primary malignant neoplasm of splenic flexure of colon	Cancer
437818	Hodgkin's disease of lymph nodes of head, face AND/OR neck	Cancer
436920	Reticulosarcoma	Cancer
198371	Secondary malignant neoplasm of small intestine	Cancer
197506	Malignant neoplasm of abdomen	Cancer
433423	Primary malignant neoplasm of pancreatic duct	Cancer
137800	Primary malignant neoplasm of maxillary sinus	Cancer
198082	Overlapping malignant neoplasm of body of uterus	Cancer
199752	Secondary malignant neoplasm of ovary	Cancer
135491	Primary malignant neoplasm of spinal cord	Cancer
443387	Malignant tumor of stomach	Cancer
4003833	Follicular non-Hodgkin's lymphoma, large cell	Cancer
379756	Primary malignant neoplasm of mandible	Cancer
4160276	Malignant neoplasm of genital structure	Cancer
4002356	Diffuse non-Hodgkin's lymphoma, small cell	Cancer
438089	Primary malignant neoplasm of pyloric antrum	Cancer
200052	Primary malignant neoplasm of uterine adnexa	Cancer
140064	Myelosclerosis with myeloid metaplasia	Cancer
132852	Leukemic reticuloendotheliosis of extranodal AND/OR solid organ site	Cancer
435207	Nodular lymphoma of lymph nodes of head, face and neck	Cancer
200338	Nodular lymphoma of intra-abdominal lymph nodes	Cancer
198988	Primary malignant neoplasm of pelvis	Cancer
40492482	Squamous cell carcinoma of nose	Cancer
436357	Primary malignant neoplasm of soft tissues of upper limb	Cancer
432262	Primary malignant neoplasm of trachea	Cancer
4095589	Malignant melanoma of ear and/or external auditory canal	Cancer
4003693	Overlapping malignant neoplasm of brain	Cancer
377811	Primary malignant neoplasm of retina	Cancer
436042	Primary malignant neoplasm of anterior two-thirds of tongue	Cancer
77812	Malignant neoplasm of anterior wall of urinary bladder	Cancer
4246802	Primary malignant neoplasm of bone of skull	Cancer
438691	Overlapping malignant neoplasm of oropharynx	Cancer
4003830	Diffuse non-Hodgkin's lymphoma	Cancer
4246450	Secondary malignant neoplasm of bone marrow	Cancer
80665	Malignant neoplasm of thorax	Cancer
432260	Primary malignant neoplasm of upper third of esophagus	Cancer
195483	Primary malignant neoplasm of penis	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

196049	Primary malignant neoplasm of urethra	Cancer
436926	Primary malignant neoplasm of cerebral meninges	Cancer
434584	Kaposi's sarcoma	Cancer
200343	Malignant lymphoma of spleen	Cancer
443588	Malignant neoplasm of brain	Cancer
4082487	Cutaneous/peripheral T-cell lymphoma	Cancer
443390	Malignant tumor of rectum	Cancer
4002497	Acute promyelocytic leukemia, FAB M3	Cancer
4161028	Adenocarcinoma of prostate	Cancer
4216139	Plasmacytoma	Cancer
134579	Primary malignant neoplasm of buccal mucosa	Cancer
442158	Hodgkin's disease, nodular sclerosis of lymph nodes of head, face AND/OR neck	Cancer
4003186	Refractory anemia with ringed sideroblasts	Cancer
373152	Primary central nervous system lymphoma	Cancer
4095018	Malignant neoplasm of connective and soft tissue of abdomen	Cancer
201518	Primary malignant neoplasm of lower limb	Cancer
4038845	Hairy cell leukemia	Cancer
136928	Hodgkin's disease, nodular sclerosis of intrathoracic lymph nodes	Cancer
254282	Primary malignant neoplasm of soft palate	Cancer
4092515	Malignant neoplasm, overlapping lesion of cervix uteri	Cancer
432559	Primary malignant neoplasm of occipital lobe	Cancer
140057	Chronic leukemia	Cancer
196053	Secondary malignant neoplasm of kidney	Cancer
75488	Primary malignant neoplasm of vertebral column	Cancer
4311480	Primary malignant neoplasm of ileum	Cancer
140960	Secondary malignant neoplasm of female breast	Cancer
25486	Primary malignant neoplasm of islets of Langerhans	Cancer
317801	Primary malignant neoplasm of soft tissues of thorax	Cancer
4334322	Malignant neoplasm of lower respiratory tract	Cancer
72566	Primary malignant neoplasm of pelvic bones, sacrum and coccyx	Cancer
440655	Malignant neoplasm of tongue, tip and lateral border	Cancer
4247836	Primary malignant neoplasm of major salivary gland	Cancer
4187356	Refractory cytopenia with multilineage dysplasia	Cancer
195482	Primary malignant neoplasm of intestinal tract	Cancer
436043	Overlapping malignant neoplasm of tongue	Cancer
135476	Primary malignant neoplasm of thoracic esophagus	Cancer
4181351	Malignant tumor of ovary	Cancer
81237	Primary malignant neoplasm of upper limb bones and scapula	Cancer
438693	Primary malignant neoplasm of mediastinum	Cancer
4315806	Secondary malignant neoplasm of retroperitoneum	Cancer
440965	Hodgkin's disease of intrathoracic lymph nodes	Cancer
433704	Primary malignant neoplasm of retromolar area	Cancer
4001328	Diffuse non-Hodgkin's lymphoma, lymphoblastic	Cancer
197804	Primary malignant neoplasm of intra-abdominal organs	Cancer
4180793	Malignant tumor of pancreas	Cancer
4033891	Mesothelioma	Cancer
432558	Overlapping malignant neoplasm of nasopharynx	Cancer
378081	Overlapping malignant neoplasm of soft tissues	Cancer
37111619	Malignant carcinoid tumor of bronchus	Cancer
4002498	Overlapping malignant neoplasm of tonsil	Cancer
440047	Primary malignant neoplasm of tonsillar pillar	Cancer
197507	Primary malignant neoplasm of male genital organ	Cancer
4187355	Refractory anemia with excess blasts-2	Cancer
81239	Primary malignant neoplasm of upper limb	Cancer
135766	Leukemia in remission	Cancer
195195	Malignant lymphoma of intrapelvic lymph nodes	Cancer
4111917	Malignant mesothelioma of pleura	Cancer
4091465	Malignant neoplasm of upper-outer quadrant of female breast	Cancer
4312802	Secondary malignant neoplasm of bladder	Cancer
76924	Primary malignant neoplasm of ureteric orifice of urinary bladder	Cancer
442139	Primary malignant neoplasm of bronchus	Cancer
436919	Primary malignant neoplasm of unspecified site	Cancer
441235	Large cell anaplastic lymphoma	Cancer
40479608	Mantle cell lymphoma of spleen	Cancer
4156114	Primary malignant neoplasm of border of tongue	Cancer
4092235	Malignant neoplasm of connective and soft tissue of upper limb and shoulder	Cancer
36712834	Acute lymphoid leukemia relapse	Cancer
200355	Hodgkin's disease of intra-abdominal lymph nodes	Cancer
438694	Primary malignant neoplasm of hard palate	Cancer
433975	Primary malignant neoplasm of cranial nerve	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

435751	Primary malignant neoplasm of fundus of stomach	Cancer
438982	Primary malignant neoplasm of anterior portion of floor of mouth	Cancer
4116087	Carcinoma of prostate	Cancer
4099508	Refractory anemia without sideroblasts, so stated	Cancer
133154	Plasma cell leukemia	Cancer
374874	Primary malignant neoplasm of eye	Cancer
37111620	Malignant carcinoid tumor of colon	Cancer
253717	Secondary malignant neoplasm of respiratory tract	Cancer
4116228	Papillary thyroid carcinoma	Cancer
4038839	Hodgkin lymphoma, nodular lymphocyte predominance	Cancer
4190771	Refractory anemia with excess blasts-1	Cancer
196653	Malignant tumor of kidney	Cancer
4095304	Malignant neoplasm of pituitary gland and craniopharyngeal duct	Cancer
440335	Primary malignant neoplasm of lower gum	Cancer
198984	Malignant tumor of cervix	Cancer
4187850	Primary malignant neoplasm of breast upper outer quadrant	Cancer
4116235	Malignant tumor of salivary gland	Cancer
432848	Primary malignant neoplasm of cerebral ventricle	Cancer
441224	Primary malignant neoplasm of cervical esophagus	Cancer
4177113	Malignant tumor of vertebral column	Cancer
318697	Lymphosarcoma of lymph nodes of multiple sites	Cancer
4094876	Malignant neoplasm of lower lobe, bronchus or lung	Cancer
436913	Primary malignant neoplasm of jejunum	Cancer
4091469	Malignant neoplasm of nipple and areola of male breast	Cancer
258981	Kaposi's sarcoma of skin	Cancer
434289	Primary malignant neoplasm of lingual tonsil	Cancer
4116071	Carcinoma of breast	Cancer
4246141	Primary malignant neoplasm of pelvic bone	Cancer
4112738	Adenocarcinoma of lung	Cancer
197230	Malignant neoplasm of uterus	Cancer
438977	Primary malignant neoplasm of ribs and/or sternum and/or clavicle	Cancer
434587	Primary malignant neoplasm of dorsal surface of tongue	Cancer
198707	Nodular lymphoma of lymph nodes of inguinal region and lower limb	Cancer
4040379	Malignant mast cell tumor	Cancer
434292	Primary malignant neoplasm of lesser curvature of stomach	Cancer
4237178	Infiltrating duct carcinoma of breast	Cancer
440044	Overlapping malignant neoplasm of hypopharynx	Cancer
26361	Primary malignant neoplasm of pineal gland	Cancer
135764	Mycosis fungoides of lymph nodes of multiple sites	Cancer
436045	Malignant neoplasm of lip, oral cavity and pharynx	Cancer
436352	Primary malignant neoplasm of laryngeal cartilage	Cancer
135768	Acute monocytic leukemia	Cancer
4181343	Malignant tumor of esophagus	Cancer
4156113	Malignant neoplasm of body of uterus	Cancer
196051	Overlapping malignant neoplasm of female genital organs	Cancer
4179980	Malignant basal cell neoplasm of skin	Cancer
45765770	Follicular non-Hodgkin's lymphoma diffuse follicle center sub-type grade 1	Cancer
139759	Reticulosarcoma of lymph nodes of multiple sites	Cancer
133420	Primary malignant neoplasm of endocrine gland	Cancer
201238	Primary malignant neoplasm of female genital organ	Cancer
140955	Overlapping malignant neoplasm of floor of mouth	Cancer
40481522	Primary mediastinal (thymic) large B-cell lymphoma	Cancer
37016170	Merkel cell carcinoma of upper limb	Cancer
436054	Primary malignant neoplasm of undescended testis	Cancer
134290	Primary malignant neoplasm of palate	Cancer
40483761	Acute myeloid leukemia with myelodysplasia-related changes	Cancer
437220	Primary malignant neoplasm of ventral surface of tongue	Cancer
4091336	Malignant neoplasm of skin of upper limb and shoulder	Cancer
40480128	Malignant neoplasm of skin of face	Cancer
197808	Primary malignant neoplasm of soft tissues of trunk	Cancer
441809	Primary malignant neoplasm of orbit	Cancer
4312691	Primary malignant neoplasm of submaxillary gland	Cancer
259748	Primary malignant neoplasm of accessory sinus	Cancer
432844	Primary malignant neoplasm of anterior mediastinum	Cancer
435485	Primary malignant neoplasm of ill-defined site	Cancer
198695	Overlapping malignant neoplasm of biliary tract	Cancer
4137687	Acute promyelocytic leukemia, FAB M3, in remission	Cancer
140967	Myeloid sarcoma	Cancer
4179720	Primary malignant neoplasm of gastrointestinal tract	Cancer
438692	Primary malignant neoplasm of lateral wall of nasopharynx	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

140950	Primary malignant neoplasm of gum	Cancer
4300118	Squamous cell carcinoma	Cancer
4110880	Clear cell carcinoma of kidney	Cancer
46271647	Malignant carcinoid tumor of stomach	Cancer
440345	Primary malignant neoplasm of lateral wall of oropharynx	Cancer
4256776	Adenocarcinoma of large intestine	Cancer
133150	Malignant neoplasm of skin of lower limb and hip	Cancer
140046	Primary malignant neoplasm of ethmoidal sinus	Cancer
4041799	S��zary's disease	Cancer
434877	Hodgkin's disease of lymph nodes of axilla AND/OR upper limb	Cancer
37018934	Malignant carcinoid tumor of rectum	Cancer
40486171	Diffuse follicle center lymphoma	Cancer
4149847	Carcinoma of colon	Cancer
37016171	Merkel cell carcinoma of lower limb	Cancer
132565	Primary malignant neoplasm of vermillion border of lower lip	Cancer
437505	Nodular lymphoma of lymph nodes of axilla and upper limb	Cancer
259755	Primary malignant neoplasm of subglottis	Cancer
4116241	Squamous cell carcinoma of anal margin	Cancer
132850	Myeloid leukemia in remission	Cancer
443381	Malignant tumor of sigmoid colon	Cancer
435492	Nodular lymphoma of intrathoracic lymph nodes	Cancer
40488896	Anaplastic large cell lymphoma, ALK negative	Cancer
438360	Primary malignant neoplasm of vallecula	Cancer
36715801	Primary malignant neoplasm of placenta	Cancer
437501	Primary malignant neoplasm of labia majora	Cancer
4151250	Malignant neoplasm of upper lobe, bronchus or lung	Cancer
192255	Primary malignant neoplasm of pylorus	Cancer
4246137	Primary malignant neoplasm of optic nerve	Cancer
376918	Primary malignant neoplasm of nervous system	Cancer
439739	Primary malignant neoplasm of posterior wall of oropharynx	Cancer
4095598	Malignant neoplasm of skin of ear and external auditory canal	Cancer
194878	Nodular lymphoma of extranodal AND/OR solid organ site	Cancer
436643	Primary malignant neoplasm of anterior aspect of epiglottis	Cancer
73720	Overlapping malignant neoplasm of urinary system	Cancer
193971	Primary malignant neoplasm of abdominal esophagus	Cancer
4184976	Angioimmunoblastic T-cell lymphoma	Cancer
434590	Malignant melanoma of skin of eyelid	Cancer
373151	Primary malignant neoplasm of conjunctiva	Cancer
435478	Primary malignant neoplasm of upper gum	Cancer
4003029	Overlapping malignant neoplasm of vulva	Cancer
4003188	Adult T-cell leukemia/lymphoma	Cancer
4162276	Malignant melanoma	Cancer
4189938	Acute monocytic/monoblastic leukemia	Cancer
443719	Relapsing chronic myeloid leukemia	Cancer
4299149	Anaplastic large T-cell systemic malignant lymphoma	Cancer
438106	Reticulosarcoma of lymph nodes of head, face and neck	Cancer
45765451	Renal cell carcinoma	Cancer
437224	Primary malignant neoplasm of greater curvature of stomach	Cancer
435474	Primary malignant neoplasm of posterior hypopharyngeal wall	Cancer
4001172	Hepatoblastoma	Cancer
440344	Primary malignant neoplasm of lateral portion of floor of mouth	Cancer
434577	Primary malignant neoplasm of hypopharyngeal aspect of aryepiglottic fold	Cancer
435754	Malignant tumor of ascending colon	Cancer
133969	Primary malignant neoplasm of vermillion border of lip	Cancer
315481	Burkitt's lymphoma of lymph nodes of multiple sites	Cancer
199747	Overlapping malignant neoplasm of small intestine	Cancer
136056	Chronic monocytic leukemia	Cancer
442163	Hodgkin's disease, lymphocytic-histiocytic predominance of lymph nodes of head, face AND/OR neck	Cancer
436652	Hodgkin's disease of lymph nodes of inguinal region AND/OR lower limb	Cancer
4038841	Lymphocyte-rich classical Hodgkin lymphoma	Cancer
4281030	Secondary malignant neoplasm of right ovary	Cancer
442132	Primary malignant neoplasm of face	Cancer
436922	Primary malignant neoplasm of postcricoid region	Cancer
4092380	Malignant neoplasm of skin of nose	Cancer
4001666	Mesothelioma of peritoneum	Cancer
4247842	Primary malignant neoplasm of myometrium	Cancer
438980	Overlapping malignant neoplasm of mediastinum and pleura	Cancer
4162115	Primary malignant neoplasm of adrenal cortex	Cancer
4281027	Secondary malignant neoplasm of left ovary	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4095320	Malignant tumor of body of stomach	Cancer
139753	Primary malignant neoplasm of parathyroid gland	Cancer
40481357	Large cell lymphoma of intrapelvic lymph nodes	Cancer
4038843	Hodgkin's disease, mixed cellularity	Cancer
315202	Hodgkin's disease, mixed cellularity of lymph nodes of multiple sites	Cancer
4178968	Malignant tumor of larynx	Cancer
321522	Hodgkin's disease, lymphocytic-histiocytic predominance of lymph nodes of multiple sites	Cancer
444224	Overlapping malignant neoplasm of lip, oral cavity and pharynx	Cancer
438380	Lymphosarcoma of lymph nodes of head, face and neck	Cancer
442161	Hodgkin's disease, mixed cellularity of lymph nodes of head, face AND/OR neck	Cancer
4247822	Primary malignant neoplasm of central nervous system	Cancer
4092223	Malignant neoplasm of orbital bone	Cancer
200659	Reticulosarcoma of intra-abdominal lymph nodes	Cancer
4092382	Malignant neoplasm of scalp and/or skin of neck	Cancer
4312290	Secondary malignant neoplasm of cerebral meninges	Cancer
134596	Lymphoid leukemia in remission	Cancer
138074	Primary malignant neoplasm of vermilion border of upper lip	Cancer
36713545	Neuroendocrine carcinoma of appendix	Cancer
436651	Hodgkin's disease of extranodal AND/OR solid organ site	Cancer
434880	Primary malignant neoplasm of short bone of lower limb	Cancer
442122	Primary malignant neoplasm of paraganglion	Cancer
4153882	Malignant neoplasm of soft tissue	Cancer
443564	Malignant neoplasm of bone	Cancer
4158563	Primary malignant neoplasm of breast upper inner quadrant	Cancer
4095430	Malignant neoplasm of rectum, rectosigmoid junction and anus	Cancer
441223	Primary malignant neoplasm of superior wall of nasopharynx	Cancer
192847	Primary malignant neoplasm of isthmus of uterus	Cancer
4094548	Extramedullary plasmacytoma	Cancer
441510	Primary malignant neoplasm of parietal pleura	Cancer
201517	Primary malignant neoplasm of urachus	Cancer
374297	Malignant neoplasm of eyeball excluding conjunctiva, cornea, retina and choroid	Cancer
4247238	Primary malignant neoplasm of endometrium	Cancer
4110575	Adenocarcinoma of rectum	Cancer
138377	Mycosis fungoides of lymph nodes of head, face AND/OR neck	Cancer
134295	Primary malignant neoplasm of spinal meninges	Cancer
4092512	Malignant neoplasm of upper-inner quadrant of female breast	Cancer
4095748	Malignant neoplasm of fundus of corpus uteri	Cancer
140048	Malignant melanoma of skin of lip	Cancer
316644	Primary malignant neoplasm of heart	Cancer
438370	Primary malignant neoplasm of glans penis	Cancer
198088	Nodular lymphoma of intrapelvic lymph nodes	Cancer
4110591	Small cell carcinoma of lung	Cancer
79758	Primary malignant neoplasm of scrotum	Cancer
4247348	Primary malignant neoplasm of skin of breast	Cancer
314600	Hodgkin's disease, nodular sclerosis of lymph nodes of axilla AND/OR upper limb	Cancer
138099	Erythroleukemia, FAB M6	Cancer
4110705	Squamous cell carcinoma of lung	Cancer
193418	Primary malignant neoplasm of spleen	Cancer
4029188	Primary cutaneous CD30+ large T-cell lymphoma	Cancer
443391	Malignant tumor of cecum	Cancer
4115276	Non-small cell lung cancer	Cancer
253977	Overlapping malignant neoplasm of accessory sinuses	Cancer
4178967	Malignant tumor of head of pancreas	Cancer
4244488	Malignant melanoma of skin of nose	Cancer
4162994	Malignant neoplasm of skin of upper limb	Cancer
4177115	Malignant tumor of testis	Cancer
4041104	Malignant histiocytosis	Cancer
4113110	Carcinoma of bladder	Cancer
4038846	Langerhans cell histiocytosis, disseminated	Cancer
4091913	Malignant mast cell tumors	Cancer
4079683	T-cell prolymphocytic leukemia	Cancer
432574	Diffuse non-Hodgkin's lymphoma, large cell	Cancer
4181339	Malignant tumor of tonsil	Cancer
4216427	Refractory cytopenia with multilineage dysplasia and ringed sideroblasts	Cancer
4091466	Malignant neoplasm of lower-outer quadrant of female breast	Cancer
4315805	Secondary malignant neoplasm of peritoneum	Cancer
4180792	Malignant tumor of rectosigmoid junction	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4121332	Aleukemic leukemia	Cancer
435193	Reticulosarcoma of intrathoracic lymph nodes	Cancer
321234	Overlapping malignant neoplasm of heart, mediastinum and pleura	Cancer
437504	Burkitt's tumor of lymph nodes of head, face AND/OR neck	Cancer
4188545	Primary malignant neoplasm of breast lower outer quadrant	Cancer
198092	Overlapping malignant neoplasm of retroperitoneum and peritoneum	Cancer
4002340	Primary malignant neoplasm of meninges	Cancer
134597	Chronic leukemia in remission	Cancer
258369	Primary malignant neoplasm of lung	Cancer
375490	Primary malignant neoplasm of cornea	Cancer
4094260	Malignant neoplasm of peripheral nerves and autonomic nervous system	Cancer
198374	Nodular lymphoma of spleen	Cancer
321526	Monocytic leukemia	Cancer
136639	Primary malignant neoplasm of sphenoidal sinus	Cancer
438703	Hodgkin's disease, lymphocytic-histiocytic predominance of lymph nodes of axilla AND/OR upper limb	Cancer
372567	Primary malignant neoplasm of lacrimal gland	Cancer
4157459	Carcinoma of pancreas	Cancer
375479	Kaposi's sarcoma of soft tissue	Cancer
4178962	Malignant tumor of tongue	Cancer
254583	Kaposi's sarcoma of lung	Cancer
4091486	Malignant neoplasm of overlapping lesion of urinary organs	Cancer
4092511	Malignant neoplasm of central part of female breast	Cancer
135194	Lymphosarcoma of intrathoracic lymph nodes	Cancer
24296	Primary malignant neoplasm of pituitary gland	Cancer
4246808	Primary malignant neoplasm of ciliary body	Cancer
4092061	Malignant tumor of pyloric antrum	Cancer
4092072	Malignant tumor of body of pancreas	Cancer
197228	Lymphosarcoma of intra-abdominal lymph nodes	Cancer
4155171	Primary malignant neoplasm of lip	Cancer
195761	Hodgkin's disease of intrapelvic lymph nodes	Cancer
4181327	Malignant tumor of gallbladder	Cancer
36717179	Primary malignant neuroendocrine neoplasm of duodenum	Cancer
194593	Mycosis fungoides of lymph nodes of inguinal region AND/OR lower limb	Cancer
434302	Hodgkin's disease, nodular sclerosis of extranodal AND/OR solid organ site	Cancer
4162993	Malignant neoplasm of skin of lower limb	Cancer
4181332	Malignant tumor of base of tongue	Cancer
4212994	Extranodal NK/T-cell lymphoma, nasal type	Cancer
4162876	Malignant neoplasm of exocervix	Cancer
193434	Hodgkin's disease, nodular sclerosis of intra-abdominal lymph nodes	Cancer
196047	Primary malignant neoplasm of parametrium	Cancer
4079282	Atypical chronic myeloid leukemia	Cancer
434285	Primary malignant neoplasm of uvula	Cancer
4181480	Malignant neoplasm of frontal lobe	Cancer
4181477	Malignant neoplasm of eye	Cancer
4048226	Adenocarcinoma of endometrium	Cancer
435493	Primary malignant neoplasm of short bone of upper limb	Cancer
79749	Primary malignant neoplasm of body of penis	Cancer
28356	Overlapping malignant neoplasm of major salivary gland	Cancer
435758	Burkitt's tumor of extranodal AND/OR solid organ site	Cancer
440351	Hodgkin's disease, lymphocytic-histiocytic predominance of intrathoracic lymph nodes	Cancer
435487	Primary malignant neoplasm of posterior mediastinum	Cancer
4092216	Malignant neoplasm of upper lobe of lung	Cancer
261808	Primary malignant neoplasm of vestibule of mouth	Cancer
25189	Malignant tumor of oral cavity	Cancer
4097560	Burkitt's lymphoma of intra-abdominal lymph nodes	Cancer
443396	Malignant tumor of large intestine	Cancer
4245460	Hairy cell leukemia of spleen	Cancer
434291	Primary malignant neoplasm of skin of neck	Cancer
441802	Primary malignant neoplasm of labia minora	Cancer
4095749	Malignant neoplasm of endometrium of corpus uteri	Cancer
4301668	Primary cutaneous follicular center B-cell lymphoma	Cancer
40481524	Acute myeloid leukemia with t(9:11)(p22;q23); MLLT3-MLL	Cancer
4244051	Malignant melanoma of skin of breast	Cancer
37017321	Malignant carcinoid tumor of kidney	Cancer
4113111	Transitional cell carcinoma of bladder	Cancer
4002494	Histiocytic sarcoma	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

201242	Hodgkin's disease, lymphocytic-histiocytic predominance of intra-abdominal lymph nodes	Cancer
252840	Primary malignant neoplasm of upper respiratory tract	Cancer
4123439	Metastasis to head and neck lymph node	Cancer
4157333	Malignant neoplasm of main bronchus	Cancer
442157	Hodgkin's disease, nodular sclerosis of lymph nodes of inguinal region AND/OR lower limb	Cancer
4095740	Malignant neoplasm of lower-inner quadrant of female breast	Cancer
438095	Overlapping malignant neoplasm of eye and adnexa	Cancer
4003834	Malignant immunoproliferative disease	Cancer
4079686	Acute megakaryoblastic leukemia	Cancer
444203	Primary malignant neoplasm of articular cartilage	Cancer
4180907	Malignant neoplasm of temporal lobe	Cancer
4003684	Overlapping malignant neoplasm of male breast	Cancer
4080865	Infiltrating lobular carcinoma of breast	Cancer
4041797	Hodgkin's granuloma	Cancer
45757107	Malignant neoplastic disease in pregnancy	Cancer
443384	Malignant tumor of transverse colon	Cancer
40492938	Carcinoma of lung	Cancer
196645	Overlapping malignant neoplasm of male genital organs	Cancer
40484156	Malignant adenomatous neoplasm	Cancer
4089656	Malignant tumor of lower third of esophagus	Cancer
4092211	Malignant tumor of glottis	Cancer
141524	Mycosis fungoides of lymph nodes of axilla AND/OR upper limb	Cancer
4187851	Primary malignant neoplasm of breast lower inner quadrant	Cancer
27235	Primary malignant neoplasm of carotid body	Cancer
136655	Hodgkin's disease, mixed cellularity of intrathoracic lymph nodes	Cancer
377229	Malignant neoplasm of auditory tube, middle ear and mastoid air cells	Cancer
4180794	Malignant retroperitoneal tumor	Cancer
443382	Malignant tumor of descending colon	Cancer
441803	Lymphosarcoma of lymph nodes of axilla and upper limb	Cancer
432254	Primary malignant neoplasm of Waldeyer's ring	Cancer
4202789	Adenocarcinoma of uterus	Cancer
4116073	Malignant epithelial tumor of ovary	Cancer
4095755	Malignant tumor of trigone of urinary bladder	Cancer
442162	Hodgkin's disease, lymphocytic-histiocytic predominance of lymph nodes of inguinal region AND/OR lower limb	Cancer
442183	Secondary malignant neoplasm of lymph nodes of head	Cancer
4181338	Malignant tumor of oropharynx	Cancer
4180784	Malignant tumor of parotid gland	Cancer
200660	Reticulosarcoma of lymph nodes of inguinal region and lower limb	Cancer
4162859	Primary malignant neoplasm of adrenal medulla	Cancer
132258	Primary malignant neoplasm of frontal sinus	Cancer
40487143	Malignant neoplasm of cerebellum	Cancer
318989	Leukemic reticuloendotheliosis of lymph nodes of multiple sites	Cancer
4094856	Malignant tumor of cardia	Cancer
197810	Malignant neoplasm of uterine adnexa	Cancer
4110871	Endometrial carcinoma	Cancer
4081043	Adenocarcinoma of esophagus	Cancer
4200514	Adenocarcinoma of sigmoid colon	Cancer
4003184	Acute panmyelosis with myelofibrosis	Cancer
4092513	Malignant neoplasm, overlapping lesion of breast	Cancer
193719	Primary malignant neoplasm of spermatic cord	Cancer
4150793	Malignant tumor of lower labial mucosa	Cancer
443380	Malignant tumor of thymus	Cancer
4177107	Malignant tumor of nasal cavity	Cancer
4180911	Malignant tumor of anus	Cancer
4095313	Malignant tumor of anterior wall of nasopharynx	Cancer
4041798	Hodgkin's disease, lymphocytic depletion	Cancer
435494	Hodgkin's paraganuloma of lymph nodes of head, face AND/OR neck	Cancer
4095432	Malignant neoplasm of liver and intrahepatic bile ducts	Cancer
133158	Plasma cell leukemia in remission	Cancer
4181357	Malignant tumor of renal pelvis	Cancer
4095442	Malignant neoplasm of nasal cavities, middle ear and accessory sinuses	Cancer
4150398	Malignant melanoma of back	Cancer
4178959	Malignant tumor of vulva	Cancer
4178966	Malignant tumor of ampulla of Vater	Cancer
4151263	Malignant melanoma of lower limb	Cancer
434299	Hodgkin's disease, mixed cellularity of lymph nodes of axilla AND/OR upper limb	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

441241	Reticulosarcoma of lymph nodes of axilla and upper limb	Cancer
4157449	Malignant neoplasm of endocervix	Cancer
40482847	Juvenile myelomonocytic leukemia	Cancer
439738	Primary malignant neoplasm of sublingual gland	Cancer
4248802	Adenocarcinoma of stomach	Cancer
4311612	Primary malignant neoplasm of sebaceous gland	Cancer
440339	Primary malignant neoplasm of prepuce	Cancer
40481908	Metastatic malignant melanoma	Cancer
4089860	Malignant melanoma of lip	Cancer
140672	Acute monocytic leukemia in remission	Cancer
4089756	Malignant neoplasm of lower lobe of lung	Cancer
198702	Lymphosarcoma of lymph nodes of inguinal region and lower limb	Cancer
4181481	Malignant neoplasm of parietal lobe	Cancer
4095436	Malignant tumor of tail of pancreas	Cancer
4173974	B-cell prolymphocytic leukemia	Cancer
40482750	Malignant neoplasm of ear	Cancer
40488900	Carcinoma of thyroid	Cancer
313159	Megakaryocytic leukemia	Cancer
134879	Mycosis fungoides of intrathoracic lymph nodes	Cancer
4174593	Squamous cell carcinoma of tongue	Cancer
4181328	Malignant tumor of adrenal gland	Cancer
198085	Kaposi's sarcoma of gastrointestinal tract	Cancer
4094872	Malignant neoplasm, overlapping lesion of accessory sinuses	Cancer
4115271	Sarcoma of liver	Cancer
438709	Hodgkin's paraganuloma of intrathoracic lymph nodes	Cancer
4111010	Follicular thyroid carcinoma	Cancer
442173	Secondary malignant neoplasm of spleen	Cancer
312846	Kaposi's sarcoma of lymph nodes	Cancer
45768916	Primary adenocarcinoma of lung	Cancer
40486655	Malignant neoplasm of visceral pleura	Cancer
40492507	Infiltrating duct carcinoma of female breast	Cancer
258084	Malignant neoplasm of bones of skull and face	Cancer
140664	S��zary's disease of lymph nodes of multiple sites	Cancer
198704	Hodgkin's disease of spleen	Cancer
4092524	Malignant tumor of undescended testis	Cancer
438080	Primary malignant neoplasm of anterior wall of nasopharynx	Cancer
4114222	Malignant tumor of head and neck	Cancer
4178972	Malignant tumor of ureter	Cancer
40483374	Hepatosplenic T-cell lymphoma	Cancer
443400	Malignant tumor of peritoneum	Cancer
4208660	Cholangiocarcinoma of biliary tract	Cancer
4141245	Carcinomatosis	Cancer
44808122	Diffuse large B-cell lymphoma	Cancer
4311439	Sarcoma	Cancer
4111028	Adenocarcinoma of bladder	Cancer
133710	Overlapping malignant neoplasm of lip	Cancer
138351	Primary malignant neoplasm of inner aspect of upper lip	Cancer
40482784	Malignant neoplasm of skeletal system	Cancer
197225	Primary malignant neoplasm of clitoris	Cancer
4166588	Epithelioma basal cell	Cancer
4095741	Malignant neoplasm of ectopic site of female breast	Cancer
4177243	Malignant tumor of pharynx	Cancer
192268	Hodgkin's disease, mixed cellularity of intra-abdominal lymph nodes	Cancer
4247331	Primary malignant neoplasm of intrathoracic organs	Cancer
40486213	Malignant neoplasm of broad ligament of uterus	Cancer
4237016	Squamous cell carcinoma of larynx	Cancer
440036	Primary malignant neoplasm of junctional zone of tongue	Cancer
443568	Malignant neoplasm of gastrointestinal tract	Cancer
4313056	Primary malignant neoplasm of lacrimal drainage system	Cancer
4198567	HNPCC - hereditary nonpolyposis colon cancer	Cancer
4092217	Malignant neoplasm of middle lobe, bronchus or lung	Cancer
132575	Myeloid sarcoma in remission	Cancer
4038840	Hodgkin's sarcoma	Cancer
313980	Hodgkin's disease, lymphocytic depletion of lymph nodes of multiple sites	Cancer
4181345	Malignant tumor of biliary tract	Cancer
441513	Primary malignant neoplasm of axillary tail of breast	Cancer
135759	S��zary's disease of extranodal AND/OR solid organ site	Cancer
443386	Malignant tumor of duodenum	Cancer
40571980	Glioblastoma multiforme	Cancer
40490993	Malignant neoplasm of mandible	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4181342	Malignant tumor of hypopharynx	Cancer
201813	Mycosis fungoides of intra-abdominal lymph nodes	Cancer
4097283	Malignant neoplasm of peripheral nerves of lower limb, including hip	Cancer
196055	Burkitt's lymphoma of lymph nodes of inguinal region and lower limb	Cancer
136656	Subacute lymphoid leukemia	Cancer
4157447	Malignant neoplasm of male breast	Cancer
4162118	Malignant neoplasm of border of tongue	Cancer
4310566	Malignant neoplasm of skin of eyelid	Cancer
4102373	Neuroendocrine carcinoma	Cancer
4173963	B-cell acute lymphoblastic leukemia	Cancer
199760	Hodgkin's disease, nodular sclerosis of intrapelvic lymph nodes	Cancer
441525	Malignant histiocytosis of lymph nodes of head, face AND/OR neck	Cancer
80340	Primary malignant neoplasm of epididymis	Cancer
137512	Malignant mast cell tumor of lymph nodes of multiple sites	Cancer
4095892	Malignant neoplasm of peripheral nerves of head, face and neck	Cancer
4180780	Malignant tumor of anal canal	Cancer
4003027	Overlapping malignant neoplasm of penis	Cancer
45763891	Adenocarcinoma of pancreas	Cancer
137219	Primary malignant neoplasm of inner aspect of lower lip	Cancer
4003021	Angiosarcoma of liver	Cancer
140663	Hodgkin's paraganuloma of lymph nodes of multiple sites	Cancer
438373	Hodgkin's disease, lymphocytic-histiocytic predominance of extranodal AND/OR solid organ site	Cancer
4178969	Malignant tumor of fallopian tube	Cancer
433426	Burkitt's tumor of lymph nodes of axilla AND/OR upper limb	Cancer
4177112	Malignant tumor of trachea	Cancer
4001170	Overlapping malignant neoplasm of palate	Cancer
432256	Primary malignant neoplasm of Meckel's diverticulum	Cancer
4033318	Overlapping malignant neoplasm of bone and articular cartilage of limbs	Cancer
37111618	Malignant carcinoid tumor of thymus	Cancer
4174444	Glioblastoma multiforme of brain	Cancer
4003175	Primary malignant neoplasm of peripheral nerves of upper limb	Cancer
4247336	Primary malignant neoplasm of middle ear	Cancer
4110884	Astrocytoma of brain	Cancer
140958	Kaposi's sarcoma of palate	Cancer
442160	Hodgkin's disease, mixed cellularity of lymph nodes of inguinal region AND/OR lower limb	Cancer
443397	Malignant tumor of small intestine	Cancer
73712	Malignant tumor of vault of bladder	Cancer
443383	Malignant tumor of appendix	Cancer
135499	Subacute myeloid leukemia	Cancer
4092077	Malignant neoplasm of specified parts of peritoneum	Cancer
194876	Hodgkin's disease, lymphocytic-histiocytic predominance of intrapelvic lymph nodes	Cancer
4110889	Malignant tumor of acoustic vestibular nerve	Cancer
4309545	Squamous cell carcinoma of oropharynx	Cancer
4315802	Secondary malignant neoplasm of vertebral column	Cancer
4301666	Subcutaneous panniculitis-like T-cell lymphoma	Cancer
193428	Burkitt's lymphoma of intrapelvic lymph nodes	Cancer
192265	Reticulosarcoma of intrapelvic lymph nodes	Cancer
132832	Primary malignant neoplasm of inner aspect of lip	Cancer
4180791	Malignant tumor of hepatic flexure	Cancer
4119130	Malignant lymphoma - small lymphocytic	Cancer
4095756	Malignant tumor of bladder neck	Cancer
4184850	Adenocarcinoma of cecum	Cancer
4110872	Adenocarcinoma of cervix	Cancer
4138466	Aleukemic leukemia in remission	Cancer
201810	Lymphosarcoma of intrapelvic lymph nodes	Cancer
4117851	Carcinoma of breast - upper, outer quadrant	Cancer
4003675	Primary malignant neoplasm of cloacogenic zone	Cancer
321815	Malignant histiocytosis of lymph nodes of multiple sites	Cancer
4142582	Malignant lymphoma in remission	Cancer
4196262	Metastasis from malignant tumor of prostate	Cancer
4112314	Carcinoma of cervix	Cancer
443389	Malignant tumor of ill-defined site	Cancer
4082627	Enteropathy-associated T-cell lymphoma	Cancer
443398	Malignant tumor of intestine	Cancer
4264693	Mast cell malignancy	Cancer
760936	Plasma cell leukemia in relapse	Cancer
133511	Lethal midline granuloma	Cancer
4111011	Medullary thyroid carcinoma	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4181479	Malignant tumor of choroid	Cancer
201240	Secondary malignant neoplasm of female genital organ	Cancer
4116080	Squamous cell carcinoma of cervix	Cancer
4177114	Malignant tumor of vagina	Cancer
4153887	Carcinoma of lip	Cancer
4181347	Malignant tumor of maxillary sinus	Cancer
315497	Subacute leukemia	Cancer
255192	Primary malignant neoplasm of commissure of lip	Cancer
4180908	Malignant neoplasm of brainstem	Cancer
4288751	Heavy chain disease	Cancer
4172359	Carcinoma of larynx	Cancer
40488919	Malignant neoplasm of urinary organ	Cancer
4114339	Seminoma of testis	Cancer
4094866	Malignant tumor of pancreatic duct	Cancer
4181488	Malignant tumor of penis	Cancer
442128	Reticulosarcoma of spleen	Cancer
442154	Hodgkin's granuloma of lymph nodes of head, face AND/OR neck	Cancer
4174443	Malignant glioma of brain	Cancer
4173976	Mucosa-associated lymphoma	Cancer
4092060	Malignant tumor of middle third of esophagus	Cancer
4089769	Malignant neoplasm of pelvic bones, sacrum and coccyx	Cancer
4256774	Transitional cell carcinoma of kidney	Cancer
433161	Hodgkin's disease, lymphocytic depletion of lymph nodes of head, face AND/OR neck	Cancer
4169598	Malignant tumor of urinary system	Cancer
4158473	Carcinoma of base of tongue	Cancer
4097561	Burkitt's lymphoma of lymph nodes of axilla and upper limb	Cancer
4180788	Malignant tumor of tonsillar fossa	Cancer
4095450	Malignant neoplasm of upper lobe bronchus	Cancer
4094262	Malignant neoplasm of peripheral nerve of thorax	Cancer
4110857	Liposarcoma	Cancer
4114343	Carcinomatosis of peritoneal cavity	Cancer
42709755	Malignant neoplasm of long bone of lower limb	Cancer
4146619	Osteosarcoma of bone	Cancer
4246029	Primary malignant neoplasm of cauda equina	Cancer
4139358	Erythroleukemia, FAB M6 in remission	Cancer
4301510	Metastatic squamous cell carcinoma	Cancer
4177101	Malignant tumor of floor of mouth	Cancer
435203	Hodgkin's disease, mixed cellularity of extranodal AND/OR solid organ site	Cancer
193157	Hodgkin's disease, nodular sclerosis of spleen	Cancer
45773365	Metastatic renal cell carcinoma	Cancer
4162998	Carcinoma of gallbladder	Cancer
316649	Hodgkin's sarcoma of lymph nodes of multiple sites	Cancer
442252	Secondary malignant neoplasm of axillary lymph nodes	Cancer
4095142	Malignant melanoma of scalp	Cancer
4244166	Malignant melanoma of skin of cheek	Cancer
22557	Malignant tumor of submandibular gland	Cancer
4201621	Metastasis from malignant tumor of lung	Cancer
4151260	Carcinoma of the rectosigmoid junction	Cancer
4177234	Malignant tumor of spinal cord	Cancer
4180786	Malignant tumor of buccal mucosa	Cancer
4095319	Malignant tumor of fundus of stomach	Cancer
40482829	Leiomyosarcoma	Cancer
4174891	Carcinoma of fallopian tube	Cancer
313430	Subacute monocytic leukemia	Cancer
4311763	Secondary malignant neoplasm of cerebrum	Cancer
200963	Primary malignant neoplasm of paraurethral glands	Cancer
40491001	Malignant neoplasm of digestive system	Cancer
4003674	Primary malignant neoplasm of branchial cleft	Cancer
432264	Primary malignant neoplasm of broad ligament	Cancer
4170619	Malignant melanoma of eye	Cancer
4177232	Malignant neoplasm of occipital lobe	Cancer
4178974	Malignant neoplasm of cerebral meninges	Cancer
442168	Mycosis fungoides of spleen	Cancer
4003183	T-cell lymphoma	Cancer
4092371	Malignant melanoma of shoulder	Cancer
440354	Hodgkin's granuloma of intrathoracic lymph nodes	Cancer
4184849	Adenocarcinoma of appendix	Cancer
4144193	Ewing's sarcoma of bone	Cancer
4095593	Malignant melanoma of neck	Cancer
4184985	Smoldering myeloma	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4097284	Malignant neoplasm of peripheral nerve of pelvis	Cancer
4114221	Malignant tumor of unknown origin	Cancer
442152	Hodgkin's paraganuloma of lymph nodes of axilla AND/OR upper limb	Cancer
439285	Hodgkin's disease, lymphocytic depletion of intra-abdominal lymph nodes	Cancer
40485978	Carcinoma of uterus	Cancer
4180910	Malignant tumor of vocal cord	Cancer
4233629	Widespread metastatic malignant neoplastic disease	Cancer
141243	Hodgkin's disease, lymphocytic depletion of intrathoracic lymph nodes	Cancer
4079288	Follicular low grade B-cell lymphoma	Cancer
320337	Hodgkin's granuloma of lymph nodes of multiple sites	Cancer
4120310	Nephroblastoma	Cancer
4095437	Malignant tumor of Islets of Langerhans	Cancer
45757101	Malignant neoplastic disease in mother complicating childbirth	Cancer
4113108	Squamous cell carcinoma of lip	Cancer
435495	Malignant mast cell tumor of lymph nodes of head, face AND/OR neck	Cancer
4141255	Malignant lymphoma - lymphoplasmacytic	Cancer
195201	Lymphosarcoma of spleen	Cancer
40486563	Carcinoma of female breast	Cancer
4102133	Transitional cell carcinoma of ureter	Cancer
4095145	Malignant melanoma of lower leg	Cancer
4149850	Malignant melanoma of head and neck	Cancer
40484128	Oligodendroglioma	Cancer
4138752	Precursor B-cell acute lymphoblastic leukemia in remission	Cancer
439745	Primary malignant neoplasm of salivary gland duct	Cancer
4091768	Burkitt's lymphoma of intrathoracic lymph nodes	Cancer
4095294	Malignant tumor of ciliary body	Cancer
441520	Primary malignant neoplasm of round ligament of uterus	Cancer
136930	Megakaryocytic leukemia in remission	Cancer
4032870	Malignant mesothelioma of pericardium	Cancer
4178977	Malignant tumor of pineal gland	Cancer
4177098	Malignant tumor of anterior two-thirds of tongue	Cancer
4162997	Carcinoma of esophagus	Cancer
4112074	Inflammatory carcinoma of breast	Cancer
194594	Hodgkin's disease, mixed cellularity of intrapelvic lymph nodes	Cancer
4149844	Tongue carcinoma	Cancer
4247962	Secondary malignant neoplasm of gastrointestinal tract	Cancer
4177236	Malignant tumor of pelvis	Cancer
4116084	Squamous cell carcinoma of vulva	Cancer
4177230	Malignant tumor of urethra	Cancer
4145870	Metastatic adenocarcinoma of unknown origin	Cancer
4181333	Malignant tumor of major salivary gland	Cancer
193429	Leukemic reticuloendotheliosis of intra-abdominal lymph nodes	Cancer
442134	Primary malignant neoplasm of craniopharyngeal duct	Cancer
40487046	Carcinoma of vulva	Cancer
4081044	Squamous cell carcinoma of esophagus	Cancer
43530694	Metastasis to liver from adenocarcinoma	Cancer
141814	Letterer-Siwe disease of lymph nodes of multiple sites	Cancer
4155299	Carcinoma of stomach	Cancer
4082460	Large granular lymphocytic leukemia	Cancer
442095	Leukemic reticuloendotheliosis of intrathoracic lymph nodes	Cancer
442169	Mycosis fungoides of intrapelvic lymph nodes	Cancer
4089866	Malignant melanoma of forearm	Cancer
4177244	Malignant tumor of female genital organ	Cancer
4333766	Neuroblastoma	Cancer
4149837	Malignant tumor of lesser curve of stomach	Cancer
198098	Malignant histiocytosis of intra-abdominal lymph nodes	Cancer
4180787	Malignant tumor of hard palate	Cancer
4198446	Metastasis from malignant tumor of breast	Cancer
4145095	Squamous cell carcinoma of mouth	Cancer
4095317	Malignant tumor of pylorus	Cancer
4162116	Malignant neoplasm of adrenal cortex	Cancer
36712981	Adenocarcinoma of right lung	Cancer
4180789	Malignant tumor of pyriform fossa	Cancer
4002496	Mast cell leukemia	Cancer
4114198	Malignant tumor of olfactory tract	Cancer
4094855	Malignant tumor of upper third of esophagus	Cancer
4090226	Malignant tumor of vestibule of mouth	Cancer
436362	Letterer-Siwe disease of lymph nodes of head, face AND/OR neck	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4246125	Primary malignant neoplasm of large intestine	Cancer
4141960	Hormone refractory prostate cancer	Cancer
4158909	Tonsil carcinoma	Cancer
4308623	Idiopathic hypereosinophilic syndrome	Cancer
4003028	Primary malignant neoplasm of descended testis	Cancer
4094722	Malignant tumor of posterior wall of nasopharynx	Cancer
4181484	Malignant tumor of mediastinum	Cancer
4247726	Primary malignant neoplasm of bone marrow	Cancer
4091621	Malignant neoplasm of peripheral nerve of abdomen	Cancer
40492385	Leiomyosarcoma of uterus	Cancer
4188544	Malignant neoplasm of breast lower inner quadrant	Cancer
4094863	Malignant tumor of Meckel's diverticulum	Cancer
4090224	Malignant tumor of anterior floor of mouth	Cancer
4245916	Malignant mast cell tumor of intra-abdominal lymph nodes	Cancer
4112780	Metastasis to brain of unknown primary	Cancer
4259972	Indolent multiple myeloma	Cancer
198381	Hodgkin's disease, lymphocytic-histiocytic predominance of spleen	Cancer
4313792	Secondary malignant neoplasm of mediastinal lymph nodes	Cancer
4179095	Malignant tumor of face	Cancer
4178965	Malignant tumor of retromolar area	Cancer
439293	Burkitt's lymphoma of spleen	Cancer
4177105	Malignant tumor of extrahepatic bile duct	Cancer
4294435	Primary cutaneous B-cell lymphoma	Cancer
40481031	Medulloblastoma	Cancer
4081190	Squamous cell carcinoma of floor of mouth	Cancer
40486175	Malignant neoplasm of anterior mediastinum	Cancer
4180779	Malignant tumor of lip	Cancer
138378	S��zary's disease of lymph nodes of axilla AND/OR upper limb	Cancer
4089754	Malignant neoplasm of middle lobe of lung	Cancer
40480205	Malignant thymoma	Cancer
4181344	Malignant tumor of splenic flexure	Cancer
442151	Hodgkin's disease, lymphocytic depletion of lymph nodes of axilla AND/OR upper limb	Cancer
4162999	Carcinoma of vocal cord	Cancer
441812	Malignant histiocytosis of intrathoracic lymph nodes	Cancer
4095146	Malignant melanoma of foot	Cancer
4113107	Carcinoma of lip, oral cavity and pharynx	Cancer
4092374	Malignant melanoma of thigh	Cancer
4002343	Overlapping malignant neoplasm of peripheral nerves and autonomic nervous system	Cancer
4091485	Malignant tumor of kidney parenchyma	Cancer
4095167	Malignant tumor of ureteric orifice	Cancer
4111023	Malignant tumor of anus and anal canal	Cancer
4112867	Sarcoma of uterus	Cancer
4180795	Malignant tumor of pleura	Cancer
4307263	Hurthle cell carcinoma of thyroid	Cancer
4181335	Malignant tumor of lower gingiva	Cancer
433156	Hodgkin's sarcoma of intrathoracic lymph nodes	Cancer
4174440	Dermatofibrosarcoma protuberans	Cancer
4301516	Paget's disease of nipple	Cancer
40486201	Nasopharyngeal carcinoma	Cancer
4094543	Diffuse malignant lymphoma - small non-cleaved cell	Cancer
4174765	Gastric lymphoma	Cancer
4094409	Malignant neoplasms of independent (primary) multiple sites	Cancer
4003683	Primary malignant neoplasm of fundus uteri	Cancer
4149322	Primary malignant neoplasm of unknown site	Cancer
4110861	Familial cancer of breast	Cancer
4297200	Angiosarcoma	Cancer
442144	Hodgkin's paraneoplasia of lymph nodes of inguinal region AND/OR lower limb	Cancer
4003179	Primary malignant neoplasm of peripheral nerves of trunk	Cancer
442146	Hodgkin's sarcoma of lymph nodes of head, face AND/OR neck	Cancer
4178979	Malignant tumor of neck	Cancer
4112777	Metastasis to bone of unknown primary	Cancer
40488898	Malignant epithelial neoplasm of oropharynx	Cancer
4246126	Primary malignant neoplasm of left upper lobe of lung	Cancer
197232	Malignant histiocytosis of lymph nodes of inguinal region AND/OR lower limb	Cancer
4089755	Malignant neoplasm of lower lobe bronchus	Cancer
4181336	Malignant tumor of soft palate	Cancer
4162996	Malignant neoplasm of upper limb bones and scapula	Cancer
4177231	Malignant tumor of conjunctiva	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

439267	SÅ@zary's disease of intra-abdominal lymph nodes	Cancer
4180912	Malignant tumor of optic nerve	Cancer
4178964	Malignant tumor of palate	Cancer
4116201	Rhabdomyosarcoma	Cancer
4116224	Malignant melanoma of choroid	Cancer
4112734	Malignant tumor of endocrine pancreas	Cancer
4117850	Carcinoma of breast - upper, inner quadrant	Cancer
4116236	Malignant tumor of ear, nose and throat	Cancer
4177240	Malignant tumor of meninges	Cancer
442150	Hodgkin's disease, lymphocytic depletion of lymph nodes of inguinal region AND/OR lower limb	Cancer
439282	Hodgkin's disease, lymphocytic depletion of intrapelvic lymph nodes	Cancer
439302	Malignant neoplasm of scalp	Cancer
4177103	Malignant tumor of lateral wall of nasopharynx	Cancer
4142116	HER2-positive carcinoma of breast	Cancer
4089661	Malignant neoplasm, overlapping lesion of colon	Cancer
4312567	Primary malignant neoplasm of upper lobe of right lung	Cancer
4094720	Malignant tumor of tonsillar pillar	Cancer
40486562	Carcinoma of peritoneum	Cancer
4115138	Carcinoma of parotid gland	Cancer
42872396	Primary adenocarcinoma of colon	Cancer
198372	Hodgkin's sarcoma of intra-abdominal lymph nodes	Cancer
438094	Primary malignant neoplasm of soft tissues of lower limb	Cancer
4177242	Malignant tumor of lower limb	Cancer
4315672	Secondary malignant neoplasm of retroperitoneal lymph nodes	Cancer
135765	SÅ@zary's disease of lymph nodes of head, face AND/OR neck	Cancer
4154630	Malignant neoplasm of genitourinary organ	Cancer
4196259	Metastasis from malignant tumor of bone	Cancer
36716620	Malignant epithelial neoplasm	Cancer
4149838	Malignant tumor of greater curve of stomach	Cancer
4154629	Malignant neoplasm of bone, connective tissue, skin and breast	Cancer
199762	SÅ@zary's disease of lymph nodes of inguinal region AND/OR lower limb	Cancer
40492021	Malignant neoplasm of lateral wall of oropharynx	Cancer
197511	Malignant mast cell tumor of spleen	Cancer
4330242	Human epidermal growth factor 2 negative carcinoma of breast	Cancer
36712816	Squamous cell carcinoma of right lung	Cancer
4162251	Malignant neoplasm of skin head and neck	Cancer
434601	Malignant mast cell tumor of intrathoracic lymph nodes	Cancer
4143848	Subacute leukemia in remission	Cancer
4252535	Adenocarcinoma of liver	Cancer
4256775	Adenocarcinoma of duodenum	Cancer
4115272	Carcinoma of ampulla of Vater	Cancer
442159	Hodgkin's disease, mixed cellularity of spleen	Cancer
4095575	Malignant neoplasm of ribs and/or sternum and/or clavicle	Cancer
40481938	Chondrosarcoma	Cancer
4116240	Carcinoma of cecum	Cancer
36716990	Secondary adenocarcinoma of bone	Cancer
4110589	Large cell carcinoma of lung	Cancer
441245	Malignant mast cell tumor of lymph nodes of axilla AND/OR upper limb	Cancer
4095594	Malignant melanoma of upper arm	Cancer
4160780	Malignant neoplasm of breast upper outer quadrant	Cancer
4158977	Retinoblastoma	Cancer
4116202	Synovial sarcoma	Cancer
4111356	IgG myeloma	Cancer
435200	Malignant histiocytosis of lymph nodes of axilla AND/OR upper limb	Cancer
36712815	Squamous cell carcinoma of left lung	Cancer
4116198	Lentigo maligna melanoma	Cancer
4173973	Low grade B-cell lymphoma	Cancer
4116238	Malignant tumor of digestive organ	Cancer
4177235	Malignant tumor of pituitary gland	Cancer
198705	Malignant mast cell tumor of lymph nodes of inguinal region AND/OR lower limb	Cancer
439291	Hodgkin's granuloma of intra-abdominal lymph nodes	Cancer
4300119	Squamous cell carcinoma of anogenital area	Cancer
4178963	Malignant tumor of gum	Cancer
4082459	Hairy cell leukemia variant	Cancer
4139054	Subacute lymphoid leukemia in remission	Cancer
442155	Hodgkin's granuloma of lymph nodes of axilla AND/OR upper limb	Cancer
439281	Hodgkin's disease, lymphocytic depletion of spleen	Cancer
4089530	Malignant tumor of lateral floor of mouth	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4181334	Malignant tumor of upper gingiva	Cancer
4112985	Anaplastic thyroid carcinoma	Cancer
196650	Leukemic reticuloendotheliosis of intrapelvic lymph nodes	Cancer
40482780	Seminoma	Cancer
4003836	Immunoproliferative small intestinal disease	Cancer
4091474	Malignant neoplasm of myometrium of corpus uteri	Cancer
4193703	Seminoma of descended testis	Cancer
4155285	Malignant neoplasm of central nervous system	Cancer
4266805	Primary cutaneous T-cell lymphoma	Cancer
4146018	Pseudomyxoma peritonei	Cancer
37396745	Squamous cell carcinoma of head and neck	Cancer
432267	Hodgkin's disease, lymphocytic depletion of extranodal AND/OR solid organ site	Cancer
4143997	T-cell acute lymphoblastic leukemia in remission	Cancer
4112862	Granulosa cell tumor of ovary	Cancer
4139395	Retroperitoneal sarcoma	Cancer
4095590	Malignant melanoma of forehead	Cancer
4314485	Secondary malignant neoplasm of supraclavicular lymph nodes	Cancer
4177102	Malignant tumor of vallecula	Cancer
4178973	Malignant tumor of retina	Cancer
4207182	Carcinoma of ascending colon	Cancer
442153	Hodgkin's granuloma of lymph nodes of inguinal region AND/OR lower limb	Cancer
440037	Malignant tumor of ileum	Cancer
4308479	Non-small cell carcinoma of lung, TNM stage 4	Cancer
442145	Hodgkin's sarcoma of lymph nodes of inguinal region AND/OR lower limb	Cancer
45768522	Triple-negative breast cancer	Cancer
4094854	Malignant tumor of cervical part of esophagus	Cancer
4220146	Malignant teratoma of testis	Cancer
4112961	Oligodendroglioma of brain	Cancer
4117852	Carcinoma breast - lower, outer quadrant	Cancer
439265	S��ary's disease of intrathoracic lymph nodes	Cancer
37016122	Non-seminomatous germ cell neoplasm of testis	Cancer
4177109	Malignant tumor of ethmoid sinus	Cancer
4094550	Adult T-cell leukemia	Cancer
4313083	Secondary malignant neoplasm of head	Cancer
4047649	Endocervical adenocarcinoma	Cancer
444467	Letterer-Siwe disease of intra-abdominal lymph nodes	Cancer
4115028	Carcinoma of sigmoid colon	Cancer
4089652	Malignant tumor aryepiglottic fold - hypopharyngeal aspect	Cancer
4181487	Malignant tumor of male genital organ	Cancer
4116230	Adrenal carcinoma	Cancer
4246472	Malignant melanoma of skin of chest	Cancer
4144194	Adamantinoma of long bone	Cancer
439266	S��ary's disease of lymph nodes of inguinal region and lower limb	Cancer
4313335	Adenocarcinoma of small intestine	Cancer
4095302	Malignant tumor of cranial nerve	Cancer
443385	Malignant tumor of jejunum	Cancer
136916	Primary malignant neoplasm of skin of external auditory canal	Cancer
4110014	Metastasis to liver of unknown primary	Cancer
4079553	Anaplastic astrocytoma of brain	Cancer
198986	Hodgkin's paraganuloma of intrapelvic lymph nodes	Cancer
192270	Malignant histiocytosis of intrapelvic lymph nodes	Cancer
4116086	Paget's disease of vulva	Cancer
4181483	Malignant tumor of parathyroid gland	Cancer
4309574	Adenocarcinoma of anus	Cancer
4112974	Malignant tumor of peripheral nerve	Cancer
4094998	Malignant neoplasm of humerus	Cancer
4177233	Malignant neoplasm of cerebral ventricles	Cancer
43530696	Metastasis to lung from adenocarcinoma	Cancer
4178970	Malignant neoplasm of labia majora	Cancer
4094865	Malignant neoplasm of intrahepatic gall duct	Cancer
200667	Malignant mast cell tumor of intrapelvic lymph nodes	Cancer
37017351	Invasive carcinoma of breast	Cancer
4094721	Malignant tumor of posterior wall of oropharynx	Cancer
195196	Hodgkin's sarcoma of intrapelvic lymph nodes	Cancer
434595	Letterer-Siwe disease of intrathoracic lymph nodes	Cancer
4113637	Carcinoma of breast - lower, inner quadrant	Cancer
4110706	Pancoast tumor	Cancer
444465	Letterer-Siwe disease of lymph nodes of inguinal region AND/OR lower limb	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4111776	Squamous cell carcinoma of buccal mucosa	Cancer
4181482	Malignant neoplasm of spinal meninges	Cancer
4187848	Malignant neoplasm of breast lower outer quadrant	Cancer
193721	Malignant histiocytosis of spleen	Cancer
4180783	Malignant tumor of lingual tonsil	Cancer
4110873	Carcinoma of vagina	Cancer
444462	Malignant melanoma of skin of ear	Cancer
4116234	Carcinoma of bone, connective tissue, skin and breast	Cancer
4178961	Malignant tumor of vermilion border of lower lip	Cancer
40490995	Malignant neoplasm of posterior mediastinum	Cancer
4141248	Sebaceous adenocarcinoma	Cancer
320049	Hodgkin's sarcoma of lymph nodes of axilla AND/OR upper limb	Cancer
4098954	Klatskin's tumor	Cancer
4082488	Diffuse high grade B-cell lymphoma	Cancer
4200893	Metastasis from malignant melanoma of skin	Cancer
4181486	Malignant tumor of nasal sinuses	Cancer
35621826	Clear cell adenocarcinoma of ovary	Cancer
4201617	Metastasis from malignant tumor of kidney	Cancer
4178957	Malignant tumor of middle ear	Cancer
4144302	Hodgkin's disease in remission	Cancer
43530697	Metastasis to lymph node from squamous cell carcinoma	Cancer
37110034	Malignant neoplasm of right upper lobe of lung	Cancer
439270	S��zary's disease of intrapelvic lymph nodes	Cancer
4110725	Superficial spreading malignant melanoma of skin	Cancer
40487484	Carcinoma of cheek	Cancer
37016272	Adenocarcinoma in adenomatous polyp	Cancer
4089658	Malignant neoplasm of cardio-esophageal junction of stomach	Cancer
42539251	Adenocarcinoma of left lung	Cancer
442156	Hodgkin's granuloma of intrapelvic lymph nodes	Cancer
40488964	Malignant neoplasm of connective tissue	Cancer
4315539	Secondary malignant neoplasm of mesenteric lymph nodes	Cancer
4193165	Carcinoma of descending colon	Cancer
196355	Hodgkin's granuloma of spleen	Cancer
40492484	Squamous cell carcinoma of shoulder	Cancer
195760	S��zary's disease of spleen	Cancer
197816	Letterer-Siwe disease of spleen	Cancer
4181485	Malignant tumor of upper limb	Cancer
4110585	Carcinoma of endocrine pancreas	Cancer
4209933	Carcinoma of head of pancreas	Cancer
4322387	Squamous cell carcinoma of lung, TNM stage 3	Cancer
4322885	Malignant neoplasm of thoracic cavity structure	Cancer
4180796	Malignant tumor of heart	Cancer
4181354	Malignant tumor of glans penis	Cancer
444466	Letterer-Siwe disease of lymph nodes of axilla AND/OR upper limb	Cancer
196363	Letterer-Siwe disease of intrapelvic lymph nodes	Cancer
40492017	Carcinoma of ureter	Cancer
4092059	Malignant tumor of thoracic part of esophagus	Cancer
443399	Malignant tumor of bronchus	Cancer
4246148	Primary malignant neoplasm of right lower lobe of lung	Cancer
4314487	Secondary malignant neoplasm of omentum	Cancer
4312274	Squamous cell carcinoma of lung, TNM stage 4	Cancer
4112760	Nodular malignant melanoma of skin	Cancer
37110032	Malignant neoplasm of upper lobe of left lung	Cancer
4311997	Non-small cell carcinoma of lung, TNM stage 3	Cancer
43531596	Metastasis to lymph node from adenocarcinoma	Cancer
4193871	Carcinoma of transverse colon	Cancer
4180904	Malignant tumor of urachus	Cancer
37017320	Malignant neoplastic disease co-occurrent with human immunodeficiency virus infection	Cancer
4177111	Malignant tumor of subglottis	Cancer
4314042	Sarcoma of soft tissue	Cancer
4003180	Diffuse non-Hodgkin's lymphoma, small cleaved cell	Cancer
4092377	Malignant melanoma of toe	Cancer
440350	Malignant lymphoma - lymphocytic, intermediate differentiation	Cancer
4181478	Malignant tumor of cornea	Cancer
4310448	Squamous cell carcinoma of lung, TNM stage 1	Cancer
36712771	Small cell carcinoma	Cancer
40480598	Malignant fibromatous neoplasm	Cancer
40480215	Mixed ductal and lobular carcinoma of breast	Cancer
4156115	Malignant neoplasm of endocrine gland	Cancer
4314337	Secondary malignant neoplasm of prostate	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4089516	Malignant neoplasm of lower lip, external	Cancer
4180913	Malignant tumor of spleen	Cancer
4092517	Choriocarcinoma	Cancer
4298235	Alveolar rhabdomyosarcoma	Cancer
4234267	Metastatic malignant neoplasm to lateral axillary lymph nodes	Cancer
4111020	Sarcoma of bone and connective tissue	Cancer
4089665	Malignant tumor of peritoneum and retroperitoneum	Cancer
4089865	Malignant melanoma of breast	Cancer
4197474	Malignant neoplasm of upper eyelid	Cancer
40481902	Malignant neoplasm of anorectum	Cancer
4112758	Extramammary Paget's disease of skin	Cancer
4111355	IgA myeloma	Cancer
45773362	Carcinosarcoma of uterus	Cancer
4091931	Malignant neoplasm of anterior epiglottis	Cancer
4116339	Malignant tumor of posterior wall of hypopharynx	Cancer
40480137	Metastatic sarcoma	Cancer
4197475	Malignant neoplasm of lower eyelid	Cancer
4219402	Malignant teratoma of descended testis	Cancer
198710	Hodgkin's sarcoma of spleen	Cancer
4095597	Malignant melanoma of ankle	Cancer
4180785	Malignant tumor of sublingual gland	Cancer
4112854	Malignant phyllodes tumor of breast	Cancer
4313077	Secondary malignant neoplasm of femur	Cancer
4247832	Primary malignant neoplasm of lower lobe of left lung	Cancer
4181349	Malignant tumor of laryngeal cartilage	Cancer
4111019	Carcinoma of genitourinary organ	Cancer
4112857	Endometrioid carcinoma ovary	Cancer
4095316	Malignant tumor of abdominal part of esophagus	Cancer
4178971	Malignant tumor of scrotum	Cancer
4310703	Non-small cell carcinoma of lung, TNM stage 1	Cancer
4079153	Medulloblastoma of cerebellum	Cancer
4082011	Malignant tumor of external ear	Cancer
4208307	Nonsquamous nonsmall cell neoplasm of lung	Cancer
4116231	Parathyroid carcinoma	Cancer
4091481	Malignant tumor of body of penis	Cancer
4322376	Adenocarcinoma of rectosigmoid junction	Cancer
4177110	Malignant tumor of sphenoid sinus	Cancer
4095156	Malignant neoplasm of endocervical canal	Cancer
4181337	Malignant tumor of uvula	Cancer
4089864	Malignant melanoma of axilla	Cancer
40481499	Malignant fibrous histiocytoma	Cancer
4307838	Ovarian cancer, disseminated	Cancer
4177104	Malignant tumor of postcricoid region	Cancer
4112856	Mucinous cystadenocarcinoma of ovary	Cancer
4082461	Precursor B-cell acute lymphoblastic leukemia	Cancer
40493492	Adenocarcinoma of lower esophagus	Cancer
4181352	Malignant neoplasm of labia minora	Cancer
4335884	Sebaceous adenocarcinoma of eyelid	Cancer
4082462	T-cell acute lymphoblastic leukemia	Cancer
40491873	Sarcoma of endometrium	Cancer
4297355	Aggressive NK-cell leukemia involving skin	Cancer
40480651	Mucinous carcinoma of breast	Cancer
4301642	Malignant peripheral nerve sheath tumor	Cancer
4252536	Squamous cell carcinoma of epiglottis	Cancer
4244050	Malignant melanoma of skin of back	Cancer
4181348	Malignant tumor of frontal sinus	Cancer
4080741	Malignant lymphoma of thyroid gland	Cancer
4162877	Carcinoma of extrahepatic bile duct	Cancer
4246121	Primary malignant neoplasm of hilus of lung	Cancer
40493029	Lymphoma of small bowel	Cancer
4032866	Overlapping malignant neoplasm of bone and articular cartilage	Cancer
4173955	T-cell chronic lymphocytic leukemia	Cancer
4231817	Malignant pericardial effusion	Cancer
4033893	Kaposi's sarcoma of multiple organs	Cancer
4092530	Malignant tumor of lacrimal gland	Cancer
4092519	Malignant neoplasm of isthmus of uterine body	Cancer
4155292	Malignant neoplasm of axillary tail of breast	Cancer
4080901	Amelanotic malignant melanoma of skin	Cancer
4338758	Malignant tumor of eyelid	Cancer
4201622	Metastasis from malignant tumor of thyroid	Cancer
4178975	Malignant neoplasm of cauda equina	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4224096	Kaposi's sarcoma associated with AIDS	Cancer
4090216	Malignant tumor of upper labial mucosa	Cancer
4308149	Mucoepidermoid carcinoma of parotid gland	Cancer
4094544	Malignant lymphoma - mixed small and large cell	Cancer
4338760	Malignant melanoma of eyelid	Cancer
4309400	Adenoid cystic carcinoma of salivary gland	Cancer
4114338	Malignant tumor of dermis	Cancer
37110031	Malignant neoplasm of lower lobe of right lung	Cancer
4181356	Malignant tumor of spermatic cord	Cancer
4116085	Malignant melanoma of vulva	Cancer
4113112	Squamous cell carcinoma of bladder	Cancer
4095758	Malignant tumor of pelviureteric junction	Cancer
37110033	Malignant neoplasm of lower lobe of left lung	Cancer
4174442	Lymphoma of intestine	Cancer
4315547	Secondary malignant neoplasm of neck	Cancer
4116075	Malignant granulosa cell tumor of ovary	Cancer
4301652	Dedifferentiated liposarcoma	Cancer
4187849	Malignant neoplasm of breast upper inner quadrant	Cancer
4322241	Carcinoma of urinary bladder, invasive	Cancer
4258135	Asymptomatic multiple myeloma	Cancer
4162137	Carcinoma of penis	Cancer
4091333	Malignant neoplasm of skin of cheek, external	Cancer
4256777	Squamous cell carcinoma of pharynx	Cancer
4193580	Malignant melanoma of chest wall	Cancer
194585	Secondary malignant neoplasm of inguinal lymph nodes	Cancer
4248192	Secondary malignant neoplasm of pancreas	Cancer
4313916	Secondary malignant neoplasm of pelvis	Cancer
4095305	Malignant tumor of craniopharyngeal duct	Cancer
40487047	Malignant neoplasm of carotid body	Cancer
4246231	Primary malignant neoplasm of skin of forehead	Cancer
4197600	Lambda light chain myeloma	Cancer
4079692	High grade B-cell lymphoma	Cancer
4099699	Fibrolamellar hepatocellular carcinoma	Cancer
4315658	Secondary malignant neoplasm of parotid gland	Cancer
4180782	Malignant tumor of vermilion border of upper lip	Cancer
40493020	Malignant neoplasm of upper respiratory tract	Cancer
4181355	Malignant tumor of epididymis	Cancer
4155168	Malignant neoplasm of clitoris	Cancer
4138008	Philadelphia chromosome-positive acute lymphoblastic leukemia	Cancer
4094261	Malignant neoplasm of peripheral nerves of upper limb, including shoulder	Cancer
4003832	Diffuse non-Hodgkin's lymphoma, immunoblastic	Cancer
4313225	Secondary malignant neoplasm of vagina	Cancer
4300560	Multiple squamous cell carcinomata	Cancer
4112855	Serous papillary cystadenocarcinoma ovary	Cancer
4200884	Local recurrence of malignant tumor of thyroid gland	Cancer
40492509	Carcinoma of urethra	Cancer
4248198	Secondary malignant neoplasm of pectoral axillary lymph nodes	Cancer
4226624	Malignant lymphoma of the eye region	Cancer
4111805	Squamous cell carcinoma of bronchus	Cancer
4311342	Secondary malignant neoplasm of spinal cord	Cancer
4200890	Local recurrence of malignant tumor of prostate	Cancer
40493428	Malignant neoplasm of respiratory system	Cancer
4313931	Secondary malignant neoplasm of skin of breast	Cancer
4196264	Metastasis from malignant tumor of colon	Cancer
4095591	Malignant melanoma of temple	Cancer
4092372	Malignant melanoma of finger	Cancer
4311764	Secondary malignant neoplasm of chest wall	Cancer
4309539	Malignant melanoma of skin of lower eyelid	Cancer
4177106	Malignant neoplasm of omentum	Cancer
4166154	Combined hepatocellular carcinoma and cholangiocarcinoma	Cancer
40490343	Chordoma of clivus	Cancer
37018641	Malignant glioma of central nervous system	Cancer
4188299	Kappa light chain myeloma	Cancer
442143	Malignant melanoma of skin of scalp	Cancer
4307152	Adenocarcinoma of nasopharynx	Cancer
4151265	Secondary nodes - axilla/arm	Cancer
4112770	Metastasis to lung of unknown primary	Cancer
4092381	Malignant neoplasm of skin of temple	Cancer
4313088	Secondary malignant neoplasm of iliac lymph nodes	Cancer
4266193	Primary cutaneous lymphoma	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

40493021	Malignant neoplasm of parietal pleura	Cancer
4166769	Palate carcinoma	Cancer
40491000	Malignant neoplasm of parametrium	Cancer
40479582	Adenocarcinoma of head and neck	Cancer
4181353	Malignant tumor of foreskin	Cancer
4112143	Carcinoma of anal canal	Cancer
40486574	Chondrosarcoma of bone	Cancer
4112739	Oat cell carcinoma of lung	Cancer
4097706	Myelomonocytic leukemia	Cancer
40484012	Non-Hodgkin lymphoma associated with Human immunodeficiency virus infection	Cancer
4301646	Botryoid rhabdomyosarcoma	Cancer
4221190	Gestational choriocarcinoma	Cancer
4180905	Malignant tumor of paraurethral gland	Cancer
4177238	Malignant tumor of cloacogenic zone	Cancer
4095160	Malignant neoplasm of round ligament	Cancer
4002358	Lymphoepithelioid lymphoma	Cancer
4001331	Prolymphocytic leukemia	Cancer
4116077	Dysgerminoma of ovary	Cancer
4313200	Squamous cell carcinoma of lung, TNM stage 2	Cancer
4112491	Metastasis to lymph node of unknown primary	Cancer
4306965	Olfactory neuroblastoma	Cancer
434599	Hodgkin's granuloma of extranodal AND/OR solid organ site	Cancer
4003187	Acute myelomonocytic leukemia, FAB M4	Cancer
4196266	Metastasis from malignant tumor of liver	Cancer
4092364	Malignant melanoma of auricle	Cancer
40480611	Oxyphilic adenocarcinoma	Cancer
4201477	Local recurrence of malignant tumor of breast	Cancer
4246803	Primary malignant neoplasm of bone of upper limb	Cancer
4311501	Primary malignant neoplasm of right middle lobe of lung	Cancer
4246034	Primary malignant neoplasm of common bile duct	Cancer
4300686	Myxoid liposarcoma	Cancer
762427	Primary malignant neoplasm of right lung	Cancer
4116578	Metastasis to vertebral column of unknown primary	Cancer
4095148	Malignant neoplasm of skin of auricle	Cancer
4092384	Malignant neoplasm of skin of lower leg	Cancer
4157448	Carcinoma of male breast	Cancer
4092356	Malignant neoplasm of connective and soft tissue of thigh and upper leg	Cancer
4115130	Carcinoma of soft palate	Cancer
4042194	Malignant meningitis	Cancer
40491441	Sarcoma of bone	Cancer
40487050	Anorectal adenocarcinoma	Cancer
4307721	Primary malignant neoplasm of peripheral nerve	Cancer
36715933	Primary adenocarcinoma of peritoneum	Cancer
40492386	Adenosarcoma of uterus	Cancer
4300682	Embryonal rhabdomyosarcoma	Cancer
4297341	Sclerosing liposarcoma	Cancer
4097581	Chronic neutrophilic leukemia	Cancer
4309248	Squamous cell carcinoma of nasopharynx	Cancer
4247347	Primary malignant neoplasm of skin of back	Cancer
4200889	Local recurrence of malignant tumor of urinary bladder	Cancer
4003831	Diffuse non-Hodgkin's lymphoma, undifferentiated	Cancer
4089647	Malignant tumor of adenoid	Cancer
4080742	Malignant lymphoma of breast	Cancer
4095143	Malignant melanoma of buttock	Cancer
4092218	Malignant neoplasm of middle lobe bronchus	Cancer
4298034	Desmoplastic malignant melanoma	Cancer
4301780	Leukemic infiltration of skin	Cancer
4110587	Malignant tumor of lung parenchyma	Cancer
4112610	Carcinoma of duodenum	Cancer
4174595	Squamous cell carcinoma of palate	Cancer
4246922	Primary malignant neoplasm of epiglottis	Cancer
4299133	Carcinomatous metastasis in skin	Cancer
4226357	Malignant neoplasm associated with AIDS	Cancer
46273197	Malignant neoplasm of short bone of lower limb	Cancer
37017595	Burkitt lymphoma co-occurrent with human immunodeficiency virus infection	Cancer
36716501	Primary malignant epithelial neoplasm of nasopharynx	Cancer
4313205	Malignant melanoma of skin of upper eyelid	Cancer
4299152	Follicular center B-cell lymphoma	Cancer
4181340	Malignant tumor of branchial cleft	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4178958	Malignant tumor of soft tissue of pelvis	Cancer
4162138	Malignant neoplasm of bone of lower limb	Cancer
4155167	Malignant neoplasm of adrenal medulla	Cancer
4089655	Malignant tumor of Waldeyer's ring	Cancer
4089524	Malignant neoplasm of base of tongue dorsal surface	Cancer
4089520	Malignant tumor of labial mucosa	Cancer
4003835	Alpha heavy chain disease	Cancer
4003182	T-zone lymphoma	Cancer
439761	Letterer-Siwe disease of extranodal AND/OR solid organ site	Cancer
	Hodgkin's disease, nodular sclerosis of lymph nodes of head, face and neck	Cancer
435198		Cancer
372569	Malignant neoplasm of nasolacrimal duct	Cancer
25757	Primary malignant neoplasm of aortic body	Cancer
4082464	Light chain myeloma	Cancer
4094864	Primary carcinoma of liver	Cancer
4322388	Carcinoma of urinary bladder, superficial	Cancer
4244049	Malignant melanoma of skin of abdomen	Cancer
4177100	Malignant tumor of commissure of lip	Cancer
40492937	Carcinoma of appendix	Cancer
4298029	Adenosquamous cell carcinoma	Cancer
37016104	Squamous cell carcinoma of vagina	Cancer
40486731	Malignant neoplasm of pelvic peritoneum	Cancer
4115295	Malignant skin tumor with eccrine differentiation	Cancer
4092359	Malignant neoplasm of connective and soft tissue of abdominal wall	Cancer
42872399	Primary adenocarcinoma of pancreas	Cancer
4314172	Non-small cell carcinoma of lung, TNM stage 2	Cancer
4207183	Carcinoma of hepatic flexure	Cancer
4198275	Cystadenocarcinoma of ovary	Cancer
4092375	Malignant melanoma of knee	Cancer
4201620	Metastasis from malignant tumor of stomach	Cancer
36717017	Primary adenocarcinoma of upper lobe of right lung	Cancer
4227963	Precursor T-cell lymphoblastic lymphoma	Cancer
4095746	Malignant neoplasm of cervical stump	Cancer
4095151	Malignant neoplasm of skin of forearm	Cancer
4198445	Metastasis from malignant tumor of esophagus	Cancer
442127	Primary malignant neoplasm of nipple of female breast	Cancer
40490990	Malignant epithelial neoplasm of hypopharynx	Cancer
4196263	Metastasis from malignant tumor of bladder	Cancer
4244170	Malignant melanoma of skin of forearm	Cancer
4225833	Malignant tumor of vermilion border of lip	Cancer
4314481	Secondary malignant neoplasm of spinal meninges	Cancer
4307266	Adenoid cystic carcinoma of submandibular gland	Cancer
4162134	Carcinoma of endocervix	Cancer
46271011	Malignant neoplasm of superior wall of nasopharynx	Cancer
40486208	Carcinoma of pharynx	Cancer
762426	Primary malignant neoplasm of left lung	Cancer
45768840	Primary squamous cell carcinoma of larynx	Cancer
37018657	Primary adenocarcinoma of gallbladder	Cancer
4174910	Squamous cell carcinoma of gum	Cancer
4095757	Malignant tumor of renal calyx	Cancer
4095438	Overlapping malignant lesion of retroperitoneum and peritoneum	Cancer
4310575	Carcinoma of uterine cervix, invasive	Cancer
4119828	Adenocarcinoma of ileum	Cancer
4311765	Secondary malignant neoplasm of colon	Cancer
4197583	Squamous cell carcinoma of bronchus in right upper lobe	Cancer
4116242	Carcinoma common bile duct	Cancer
4095595	Malignant melanoma of hand	Cancer
4092366	Malignant melanoma of chin	Cancer
4246130	Primary malignant neoplasm of maxilla	Cancer
4111775	Carcinoma of hard palate	Cancer
40492932	Carcinoma of nose	Cancer
4092373	Malignant melanoma of hip	Cancer
4312684	Primary malignant neoplasm of skin of groin	Cancer
40490989	Carcinoma of small intestine	Cancer
440050	Malignant melanoma of skin of neck	Cancer
4196256	Local recurrence of malignant tumor of rectum	Cancer
4180906	Malignant tumor of orbit	Cancer
4193872	Carcinoma of splenic flexure	Cancer
4079289	Follicular malignant lymphoma - small cleaved cell	Cancer
4162136	Carcinoma of supraglottis	Cancer
4089868	Malignant melanoma of heel	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4246039	Primary malignant neoplasm of femur	Cancer
4216273	Primary malignant neoplasm of ear, nose AND/OR throat	Cancer
4312430	Secondary malignant neoplasm of intestinal lymph nodes	Cancer
4311287	Mucoepidermoid carcinoma of salivary gland	Cancer
4289392	Primary malignant neoplasm of right ovary	Cancer
4095144	Malignant melanoma of thumb	Cancer
4315809	Secondary malignant neoplasm of thyroid gland	Cancer
4246232	Primary malignant neoplasm of skin of hand	Cancer
40492934	Carcinoma of nasal cavity	Cancer
4315659	Secondary malignant neoplasm of parotid lymph nodes	Cancer
4312681	Primary malignant neoplasm of skin of chest	Cancer
4311148	Adenocarcinoma carcinomatosis	Cancer
4247349	Primary malignant neoplasm of skin of buttock	Cancer
4313751	Large cell carcinoma of lung, TNM stage 4	Cancer
4116081	Adenosquamous carcinoma of cervix	Cancer
4289681	Primary malignant neoplasm of left ovary	Cancer
40491440	Non-Hodgkin's lymphoma of stomach	Cancer
4300688	Yolk sac tumor	Cancer
4091925	Chronic eosinophilic leukemia	Cancer
45773564	Primary squamous cell carcinoma of valleculla	Cancer
45771015	Primary squamous cell carcinoma of maxillary sinus	Cancer
45769122	Primary squamous cell carcinoma of pyriform sinus	Cancer
45769091	Primary squamous cell carcinoma of glottis	Cancer
45768917	Primary mucinous adenocarcinoma of lung	Cancer
44783718	T-cell large granular lymphocytic leukemia	Cancer
44783286	Low grade endometrial stromal sarcoma	Cancer
42709764	Malignant melanoma of skin of lower leg	Cancer
42538151	Osteoporosis co-occurrent and due to multiple myeloma	Cancer
40493442	Philadelphia chromosome positive chronic myelogenous leukemia	Cancer
40489405	Carcinoma of anus	Cancer
40381321	Malignant neoplasm of dorsal surface of tongue	Cancer
37396737	Extraovarian primary peritoneal carcinoma	Cancer
37018947	Primary squamous cell carcinoma of palatine tonsil	Cancer
36717490	Primary adenocarcinoma of cardia of stomach	Cancer
36717489	Primary squamous cell carcinoma of middle third of esophagus	Cancer
36716972	Primary squamous cell carcinoma of anus	Cancer
36716941	Primary squamous cell carcinoma of nasal cavity	Cancer
36716610	Primary squamous cell carcinoma of base of tongue	Cancer
36716511	Primary squamous cell carcinoma of anal canal	Cancer
36715928	Primary adenocarcinoma of ampulla of Vater	Cancer
36715927	Primary cholangiocarcinoma of intrahepatic biliary tract	Cancer
36715912	Primary adenocarcinoma of transverse colon	Cancer
36715890	Primary mucinous adenocarcinoma of appendix	Cancer
36715889	Primary neuroendocrine carcinoma of small intestine	Cancer
4315813	Secondary malignant neoplasm of urethra	Cancer
4315795	Secondary malignant neoplasm of skin of neck	Cancer
4315684	Secondary malignant neoplasm of skin of face	Cancer
4314495	Secondary malignant neoplasm of uterus	Cancer
4314191	Secondary malignant neoplasm of ureter	Cancer
4314055	Secondary malignant neoplasm of superficial inguinal lymph nodes	Cancer
4314054	Secondary malignant neoplasm of submental lymph nodes	Cancer
4313092	Secondary malignant neoplasm of jejunum	Cancer
4312798	Carcinoma ex pleomorphic adenoma of parotid gland	Cancer
4312705	Secondary malignant neoplasm of base of tongue	Cancer
4312688	Primary malignant neoplasm of skin of thigh	Cancer
4312682	Primary malignant neoplasm of skin of foot	Cancer
4312667	Thyroid cancer metastatic to bone	Cancer
4312281	Secondary malignant neoplasm of bronchopulmonary lymph nodes	Cancer
4312020	Secondary malignant neoplasm of infraclavicular lymph nodes	Cancer
4311614	Primary malignant neoplasm of skin of hip	Cancer
4311500	Primary malignant neoplasm of rib	Cancer
4311475	Primary malignant neoplasm of frontal bone	Cancer
4311473	Secondary malignant neoplasm of tongue	Cancer
4311345	Secondary malignant neoplasm of submandibular lymph nodes	Cancer
4308934	Malignant glioma of brainstem	Cancer
4248057	Secondary malignant neoplasm of ileum	Cancer
4247823	Primary malignant neoplasm of clavicle	Cancer
4247353	Primary malignant neoplasm of skin of shoulder	Cancer
4247352	Primary malignant neoplasm of skin of knee	Cancer
4247351	Primary malignant neoplasm of skin of finger	Cancer
4246470	Malignant melanoma of perianal skin	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4246241	Primary malignant neoplasm of omentum	Cancer
4246237	Primary malignant neoplasm of sternum	Cancer
4246228	Primary malignant neoplasm of skin of chin	Cancer
4245918	Malignant melanoma of skin of eyebrow	Cancer
4245466	Malignant melanoma of skin of axilla	Cancer
4233531	Acute myeloid leukemia, minimal differentiation, FAB M0	Cancer
4215664	Malignant sacral teratoma	Cancer
4189506	Mucosa-associated lymphoid tissue (MALT) lymphoma of orbit	Cancer
4181350	Malignant tumor of soft tissue of head	Cancer
4180914	Multiple malignancy	Cancer
4180903	Malignant tumor of soft tissue of neck	Cancer
4177241	Malignant tumor of axilla	Cancer
4177108	Malignant tumor of nasal septum	Cancer
4177099	Malignant neoplasm of mesentery	Cancer
4162252	Carcinoma of upper lobe, bronchus or lung	Cancer
4157331	Malignant neoplasm of nervous system	Cancer
4155293	Carcinoma of lower lobe, bronchus or lung	Cancer
4147161	Malignant neoplasm of hand bones	Cancer
4133189	Mixed seminoma teratoma of testis	Cancer
4123440	Metastasis to multiple lymph nodes	Cancer
4116245	Squamous cell carcinoma of skin	Cancer
4116229	Mixed follicular and papillary thyroid carcinoma	Cancer
4114342	Lymphangitis carcinomatosa	Cancer
4114213	Squamous cell carcinoma of cornea	Cancer
4112983	Malignant melanoma of ciliary body	Cancer
4112982	Malignant melanoma of conjunctiva	Cancer
4111002	Squamous cell carcinoma of conjunctiva	Cancer
4097583	Granulocytic sarcoma	Cancer
4097582	Chloroma	Cancer
4095888	Malignant neoplasm of midbrain	Cancer
4095887	Malignant neoplasm of cerebral peduncle	Cancer
4095762	Malignant tumor of iris	Cancer
4095753	Malignant tumor of seminal vesicle	Cancer
4095752	Malignant neoplasm of greater vestibular (Bartholin's) gland	Cancer
4095747	Malignant neoplasm of cornu of corpus uteri	Cancer
4095738	Malignant neoplasm of skin of heel	Cancer
4095737	Malignant neoplasm of skin of popliteal fossa area	Cancer
4095602	Malignant neoplasm of skin of axillary fold	Cancer
4095579	Malignant neoplasm of sacral vertebra	Cancer
4095576	Malignant neoplasm of scapula and long bones of upper arm	Cancer
4095456	Malignant neoplasm of lumbar vertebra	Cancer
4095455	Malignant neoplasm of cervical vertebra	Cancer
4095447	Malignant neoplasm of thyroid cartilage	Cancer
4095434	Malignant neoplasm of hepatic duct	Cancer
4095019	Malignant neoplasm of connective and soft tissues of lumbar spine	Cancer
4095016	Malignant neoplasm of connective and soft tissues of thoracic spine	Cancer
4095010	Malignant neoplasm of connective and soft tissue of finger	Cancer
4095008	Malignant neoplasm of cartilage of ear	Cancer
4095001	Malignant neoplasm of fifth metacarpal bone	Cancer
4094995	Malignant neoplasm of thoracic vertebra	Cancer
4094871	Malignant tumor of tympanic cavity	Cancer
4094870	Malignant neoplasm of cartilage of nose	Cancer
4094857	Malignant neoplasm of cardiac orifice of stomach	Cancer
4094850	Malignant neoplasm of posterior pharynx	Cancer
4094254	Malignant tumor of choroid plexus	Cancer
4094251	Malignant neoplasm of hippocampus	Cancer
4093651	Malignant tumor of frenum linguae	Cancer
4093649	Malignant tumor of anterior two-thirds of tongue - dorsal surface	Cancer
4093141	Malignant tumor of anterior two-thirds of tongue - ventral surface	Cancer
4092532	Malignant neoplasm of cerebral cortex	Cancer
4092531	Malignant neoplasm of lacrimal sac	Cancer
4092369	Malignant melanoma of perineum	Cancer
4092368	Malignant melanoma of groin	Cancer
4092083	Angiosarcoma of spleen	Cancer
4092078	Malignant neoplasm of mesocolon	Cancer
4092074	Malignant neoplasm of ectopic pancreatic tissue	Cancer
4092057	Malignant tumor of pharyngeal recess	Cancer
4091766	Secondary malignant neoplasm of cervix uteri	Cancer
4091491	Malignant neoplasm of basal ganglia	Cancer
4091482	Malignant tumor of tunica vaginalis	Cancer
4091480	Malignant neoplasm of vaginal vault	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4091337	Malignant neoplasm of skin of upper arm	Cancer
4091335	Malignant neoplasm of skin of abdominal wall	Cancer
4089869	Malignant melanoma of great toe	Cancer
4089859	Malignant neoplasm of connective and soft tissue of perineum	Cancer
4089858	Malignant neoplasm of connective and soft tissue of buttock	Cancer
4089856	Malignant neoplasm of connective and soft tissue of foot	Cancer
4089758	Malignant neoplasm of thymus, heart and mediastinum	Cancer
4089663	Malignant neoplasm of intrahepatic canaliculi	Cancer
4089526	Malignant tumor of junctional zone of tongue	Cancer
4082485	Acute monoblastic leukemia	Cancer
4081049	Glioblastoma multiforme of spinal cord	Cancer
4079700	Peripheral T-cell lymphoma - pleomorphic medium and large cell	Cancer
4031129	Overlapping malignant neoplasm of ill-defined site	Cancer
4003694	Primary malignant neoplasm of peripheral nerve of head, face AND/OR neck	Cancer
4002495	Refractory anemia with excess blasts in transformation	Cancer
4002360	Gamma heavy chain disease	Cancer
442188	Secondary malignant neoplasm of duodenum	Cancer
442174	Secondary malignant neoplasm of rectum	Cancer
440056	Hodgkin's disease, mixed cellularity of lymph nodes of head, face and neck	Cancer
439288	Hodgkin's disease, nodular sclerosis of lymph nodes of axilla and upper limb	Cancer
436050	Primary malignant neoplasm of areola of male breast	Cancer
433148	Primary malignant neoplasm of areola of female breast	Cancer
197227	Overlapping malignant neoplasm of gastrointestinal tract	Cancer
138976	Malignant neoplasm of overlapping lesion of lip	Cancer
4145040	Solitary osseous myeloma	Cancer
4312288	Secondary malignant neoplasm of central nervous system	Cancer
40480206	Mucosa-associated lymphoid tissue (MALT) lymphoma of stomach	Cancer
4153892	Secondary nodes - inguinal/leg	Cancer
4313754	Adenoid cystic carcinoma of parotid gland	Cancer
40490467	Follicular non-Hodgkin's lymphoma of extranodal site	Cancer
4201618	Metastasis from malignant tumor of rectum	Cancer
4311878	Secondary malignant neoplasm of endocrine gland	Cancer
4288534	Small cell carcinoma of prostate	Cancer
4171274	Malignant melanoma of rectum	Cancer
37018649	Primary squamous cell carcinoma of chest wall	Cancer
4169627	Squamous cell carcinoma of oral mucous membrane	Cancer
4312547	Secondary malignant neoplasm of lumbar vertebral column	Cancer
433973	Primary malignant neoplasm of bronchus of left lower lobe	Cancer
4247948	Secondary malignant neoplasm of thoracic vertebral column	Cancer
4178960	Carcinoma of tail of pancreas	Cancer
4201015	Metastasis from malignant tumor of pancreas	Cancer
4197581	Squamous cell carcinoma of bronchus in left upper lobe	Cancer
40487487	Ewing's sarcoma of soft tissue	Cancer
4229398	Malignant optic glioma	Cancer
4197601	Seminoma of undescended testis	Cancer
4297356	Primary cutaneous marginal zone B-cell lymphoma	Cancer
4246474	Malignant melanoma of skin of forehead	Cancer
4123298	Malignant lymphoma, follicular center cell	Cancer
40486109	Chordoma of sacrum	Cancer
4196261	Metastasis from malignant tumor of uterus	Cancer
4198434	Local recurrence of malignant tumor of lung	Cancer
4247224	Malignant melanoma of skin of thigh	Cancer
4112872	Sarcoma of kidney	Cancer
4221977	Myxofibrosarcoma of skin	Cancer
36712708	Primary adenocarcinoma of upper lobe of left lung	Cancer
4175531	Sarcoma of breast	Cancer
4162122	Primary malignant neoplasm of vocal cord	Cancer
4082491	Low grade T-cell lymphoma	Cancer
4173985	Malignant lymphoma of testis	Cancer
36712725	Infiltrating lobular carcinoma of right female breast	Cancer
40489940	Non-Hodgkin's lymphoma of skin	Cancer
4312151	Secondary malignant neoplasm of axilla	Cancer
4094859	Malignant neoplasm of pyloric canal of stomach	Cancer
4157450	Carcinoma of exocervix	Cancer
40488904	Non-Hodgkin's lymphoma of bone	Cancer
4112606	Carcinoma of lower third of esophagus	Cancer
40489945	Sarcoma upper outer quadrant of female breast	Cancer
4164017	Squamous cell carcinoma of prostate	Cancer
4246251	Secondary malignant neoplasm of adrenal cortex	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

40493495	Carcinoma of floor of mouth	Cancer
4169288	Squamous cell carcinoma of mucous membrane of lower lip	Cancer
4324386	Indolent systemic mastocytosis	Cancer
40486168	Lymphoma of sigmoid colon	Cancer
4246801	Primary malignant neoplasm of blood vessel	Cancer
4216891	Hormone receptor positive malignant neoplasm of breast	Cancer
4131931	Malignant lymphoma of lymph nodes	Cancer
443561	Malignant neoplasm of cerebrum	Cancer
4171283	Carcinoma of Bartholin's gland	Cancer
4314458	Anaplastic glioma of brain	Cancer
4092215	Malignant neoplasm of carina of bronchus	Cancer
4081867	Acute biphenotypic leukemia	Cancer
44791581	Bowel cancer detected by national screening programme	Cancer
44783845	Malignant melanoma of nasal cavity	Cancer
4079691	Diffuse low grade B-cell lymphoma	Cancer
40487049	Sarcoma of pelvis	Cancer
37395837	Familial malignant neoplasm of pancreas	Cancer
380661	Primary malignant neoplasm of cerebrum	Cancer
4311637	Secondary malignant neoplasm of back	Cancer
4080381	Malignant seminoma of mediastinum	Cancer
4045412	Orbital lymphoma	Cancer
4112963	Astrocytoma of spinal cord	Cancer
4312687	Primary malignant neoplasm of skin of scalp	Cancer
4201014	Metastasis from malignant tumor of cervix	Cancer
4173824	B-cell chronic lymphocytic leukemia variant	Cancer
36713361	Primary adenocarcinoma of ascending colon	Cancer
4111931	Digital papillary eccrine carcinoma of skin	Cancer
4171273	Malignant melanoma of anus	Cancer
4180902	Malignant tumor of soft tissue of face	Cancer
4173956	Richter's syndrome	Cancer
4201482	Local recurrence of malignant tumor of colon	Cancer
4174763	Early gastric cancer	Cancer
4246124	Primary malignant neoplasm of jaw	Cancer
4151310	Malignant neoplasm of canthus	Cancer
4112864	Malignant germ cell tumor of ovary	Cancer
40487142	Follicular non-Hodgkin's lymphoma of intestine	Cancer
37016162	Primary adenocarcinoma of distal third of esophagus	Cancer
4294441	Anogenital verrucous carcinoma of Buschke-Löffler	Cancer
4111804	Squamous cell carcinoma of trachea	Cancer
40488899	Carcinoma of renal pelvis	Cancer
4314053	Secondary malignant neoplasm of stomach	Cancer
4298140	Epithelioid hemangioendothelioma	Cancer
46270966	Diffuse sclerosing papillary thyroid carcinoma	Cancer
46270923	Carcinoma of central portion of breast	Cancer
45772951	Primary basaloid squamous cell carcinoma of oropharynx	Cancer
45772700	Metastatic neuroblastoma	Cancer
45771284	Therapy-related myelodysplastic syndrome	Cancer
45771033	Primary squamous cell carcinoma of hypopharyngeal aspect of aryepiglottic fold	Cancer
45769123	Nonkeratinizing carcinoma of the nasopharynx	Cancer
45769108	Primary squamous cell carcinoma of posterior wall of hypopharynx	Cancer
45769095	Pleuropulmonary blastoma type I	Cancer
45769059	Overlapping squamous cell carcinoma of hypopharynx	Cancer
45769035	Primary carcinosarcoma of lung	Cancer
45769026	Primary squamous cell carcinoma of oropharynx	Cancer
45769017	Primary squamous cell carcinoma of supraglottis	Cancer
45768977	Primary squamous cell carcinoma of nasopharynx	Cancer
45768951	Primary squamous cell carcinoma of hypopharynx	Cancer
45768944	Primary adenoid squamous cell carcinoma of hypopharynx	Cancer
45768931	Primary non-mucinous bronchiolo-alveolar carcinoma of lung	Cancer
45768929	Primary salivary gland type carcinoma of lung	Cancer
45768921	Primary spindle cell carcinoma of lung	Cancer
45768920	Primary undifferentiated carcinoma of lung	Cancer
45768899	Overlapping squamous cell carcinoma of larynx	Cancer
45768898	Primary verrucous carcinoma of larynx	Cancer
45768894	Primary spindle cell squamous cell carcinoma of larynx	Cancer
45768881	Primary adenosquamous carcinoma of lung	Cancer
45768880	Primary mixed subtype adenocarcinoma of lung	Cancer
45768839	Primary squamous cell carcinoma of laryngeal cartilage	Cancer
45768836	Primary squamous cell carcinoma of accessory sinus	Cancer
45768832	Primary carcinoma of maxillary sinus	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

45765433	Carcinosarcoma of ovary	Cancer
44808015	Follicular lymphoma grade 1	Cancer
44806268	Refractory anaemia with multilineage dysplasia	Cancer
44783285	Endometrial stromal sarcoma	Cancer
44782609	Primitive neuroectodermal tumor	Cancer
42709765	Malignant melanoma of skin of upper arm	Cancer
42709763	Primary malignant neoplasm of lower leg	Cancer
42709762	Primary malignant neoplasm of skin of lower leg	Cancer
42709756	Malignant neoplasm of long bone of lower leg	Cancer
	Primary cutaneous diffuse large cell B-cell lymphoma of lower extremity	Cancer
42539527	Primary endometrioid carcinoma of endometrium of body of uterus	Cancer
40493518	Diffuse non-Hodgkin's lymphoma of bone	Cancer
40493514	Diffuse non-Hodgkin's lymphoma of tonsil	Cancer
40493432	Sarcoma of bone of pelvis	Cancer
40493030	Lymphoma of cardioesophageal junction	Cancer
40493028	Carcinoma of corpus uteri	Cancer
40493027	Gastrointestinal lymphoma	Cancer
40493006	Lymphoma of lower esophagus	Cancer
40492933	Carcinoma of brain	Cancer
40492037	Malignant neoplasm of intraabdominal organ	Cancer
40492020	Diffuse non-Hodgkin's lymphoma of lung	Cancer
40492018	Follicular non-Hodgkin's lymphoma of skin	Cancer
40491513	Sarcoma of radius	Cancer
40491472	Non-Hodgkin's lymphoma of soft tissue	Cancer
40491444	Sarcoma of femur	Cancer
40490998	Follicular non-Hodgkin's lymphoma of lung	Cancer
40490994	Malignant neoplasm of soft tissue of orbit	Cancer
40490991	Follicular non-Hodgkin's lymphoma of bone	Cancer
40490988	Diffuse non-Hodgkin's lymphoma of stomach	Cancer
40490464	Malignant teratoma of retroperitoneum	Cancer
40490463	Malignant neoplasm of maxillofacial bone	Cancer
40490460	Lymphoma of body of stomach	Cancer
40490458	Lymphoma of pelvis	Cancer
40490009	Transglottic malignant neoplasm of larynx	Cancer
40489942	Sarcoma of female breast	Cancer
40489928	Sarcoma of central portion of female breast	Cancer
40489897	Sarcoma of upper inner quadrant of female breast	Cancer
40489485	Sarcoma of lower outer quadrant of female breast	Cancer
40489484	Non-Hodgkin's lymphoma of testis	Cancer
40489474	Sarcoma of bone of foot	Cancer
40489473	Sarcoma of sacrum	Cancer
40489468	Non-Hodgkin's lymphoma of lung	Cancer
40489467	Non-Hodgkin's lymphoma of nasopharynx	Cancer
40489448	Non-Hodgkin's lymphoma of intestine	Cancer
40489409	Diffuse non-Hodgkin's lymphoma of nasopharynx	Cancer
40489407	Follicular non-Hodgkin's lymphoma of soft tissue	Cancer
40488990	Malignant melanoma of skin of penis	Cancer
40488942	Non-Hodgkin's lymphoma of central nervous system	Cancer
40488906	Sarcoma of fibula	Cancer
40488902	Malignant neoplasm of cerebellopontine angle	Cancer
40488048	Malignant neoplasm of alveolus of mandible	Cancer
40487607	Sarcoma of pelvic peritoneum	Cancer
40487596	Carcinoma of mandible	Cancer
40487580	Malignant epithelial neoplasm of alveolus dentalis	Cancer
40487140	Carcinoma of nasal septum	Cancer
40486741	Philadelphia chromosome negative chronic myelogenous leukemia	Cancer
40486656	Malignant neoplasm of skin of scrotum	Cancer
40486640	Sarcoma of skull	Cancer
40486637	Non-Hodgkin's lymphoma of tonsil	Cancer
40486590	Lymphoma of cardia of stomach	Cancer
40486588	Leiomyosarcoma of connective tissue	Cancer
40486583	Adenocarcinoma of scrotum	Cancer
40486566	Leiomyosarcoma of stomach	Cancer
40486564	Sarcoma of peritoneum	Cancer
40486535	Angiosarcoma of cheek	Cancer
40486224	Sarcoma of rib	Cancer
40486223	Sarcoma of clavicle	Cancer
40486174	Malignant neoplasm of alveolus of maxilla	Cancer
40486172	Diffuse non-Hodgkin's lymphoma of central nervous system	Cancer
40486167	Diffuse non-Hodgkin's lymphoma of skin	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

40486161	Carcinoma of face	Cancer
40486156	Sarcoma of humerus	Cancer
40486155	Sarcoma of tibia	Cancer
40486118	Paget's disease of skin of scrotum	Cancer
40486090	Malignant melanoma of skin of anus	Cancer
40486088	Dermatofibrosarcoma protuberans of skin of shoulder	Cancer
40486085	Malignant germ cell neoplasm of anterior mediastinum	Cancer
40486083	Leiomyosarcoma of scalp	Cancer
40484129	Mixed glioma	Cancer
37397555	Hereditary breast and ovarian cancer syndrome	Cancer
37396736	Embryonal sarcoma of liver	Cancer
37396735	Mixed oligoastrocytoma	Cancer
37396219	ALK-positive large B-cell lymphoma	Cancer
37395651	Primary small cell malignant neoplasm of lung, TNM stage 4	Cancer
37118088	Nodal marginal zone B-cell lymphoma	Cancer
37116731	Papillary renal cell carcinoma	Cancer
37116670	Chromophobe renal cell carcinoma	Cancer
37116669	Collecting duct carcinoma of kidney	Cancer
37116592	Primary adenocarcinoma of biliary tract	Cancer
37018876	Lymphoma of colon	Cancer
37018872	Primary squamous cell carcinoma of upper limb	Cancer
37018667	Astrocytoma of cerebrum	Cancer
37018666	Primary adenocarcinoma of vagina	Cancer
37018655	Mucinous adenocarcinoma of gastrointestinal tract	Cancer
37018650	Primary adenocarcinoma of chest wall	Cancer
37018646	Primary chondrosarcoma of bone of pelvis	Cancer
37018638	Malignant glioma of cerebrum	Cancer
37018609	Anaplastic astrocytoma of central nervous system	Cancer
37018581	Ewing sarcoma of bone of pelvis	Cancer
37018571	Primary adenoid cystic carcinoma of nasopharynx	Cancer
37017381	Malignant germ cell tumor of testis	Cancer
37017114	Malignant meningioma of meninges of brain	Cancer
37017016	Malignant insulinoma	Cancer
37016740	Prostate cancer metastatic to bone	Cancer
37016662	Malignant neoplasm of chest wall	Cancer
37016439	Primary invasive malignant neoplasm of female breast	Cancer
37016242	Primary adenocarcinoma of endocervix	Cancer
37016239	Primary adenocarcinoma of rectosigmoid junction	Cancer
37016149	Ganglioneuroblastoma	Cancer
37016125	Primary adenosquamous carcinoma of endometrium	Cancer
37016124	Primary malignant clear cell neoplasm of endometrium	Cancer
37016123	Primary malignant mixed Mullerian neoplasm of endometrium	Cancer
37016118	Astrocytoma of brain stem	Cancer
36717624	Primary glioblastoma multiforme of frontal lobe	Cancer
36717579	Primary serous carcinoma of uterine adnexa	Cancer
36717495	Primary adenocarcinoma of descending colon and splenic flexure	Cancer
36717487	Primary embryonal carcinoma of testis	Cancer
36717227	Primary serous adenocarcinoma of endometrium	Cancer
36717226	Primary squamous cell carcinoma of parotid gland	Cancer
36717182	Primary neuroendocrine carcinoma of rectum	Cancer
36717177	Primary adenocarcinoma of pyloric antrum of stomach	Cancer
36717176	Primary adenocarcinoma of esophagogastric junction	Cancer
36716855	Primary myxofibrosarcoma	Cancer
36716618	Primary high grade serous adenocarcinoma of ovary	Cancer
36716614	Primary mucinous adenocarcinoma of endometrium	Cancer
36716502	Primary squamous cell carcinoma of pharyngeal tonsil	Cancer
36716489	Primary leiomyosarcoma of peritoneum	Cancer
36716193	Primary squamous cell carcinoma of ear	Cancer
36715966	Adult T-cell leukemia/lymphoma of skin	Cancer
36715914	Primary malignant neuroendocrine neoplasm of rectum	Cancer
36715911	Primary adenocarcinoma of ascending colon and right flexure	Cancer
36715891	Primary malignant neuroendocrine neoplasm of appendix	Cancer
36715846	Primary squamous cell carcinoma of lower third of esophagus	Cancer
36715844	Primary adenocarcinoma of lower third of esophagus due to Barrett esophagus	Cancer
36715797	Primary adenocarcinoma of parotid gland	Cancer
36715586	Refractory thrombocytopenia	Cancer
36713996	Recurrent squamous cell carcinoma	Cancer
36713366	Extensive stage primary small cell carcinoma of lung	Cancer
36713363	Primary adenocarcinoma of head of pancreas	Cancer
4345328	African Burkitt's lymphoma	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4340498	Cystadenocarcinoma of pancreas	Cancer
4334256	Lymphoma of retina	Cancer
4326339	Smoldering chronic lymphocytic leukemia	Cancer
4315808	Secondary malignant neoplasm of thoracic esophagus	Cancer
4315678	Secondary malignant neoplasm of skin of back	Cancer
4315677	Secondary malignant neoplasm of sigmoid colon	Cancer
4315670	Secondary malignant neoplasm of renal pelvis	Cancer
4315663	Secondary malignant neoplasm of pharynx	Cancer
4315657	Secondary malignant neoplasm of parametrial lymph nodes	Cancer
4315541	Secondary malignant neoplasm of muscle of abdomen	Cancer
4315538	Secondary malignant neoplasm of maxillary sinus	Cancer
4314478	Secondary malignant neoplasm of soft tissues of pelvis	Cancer
4314361	Secondary malignant neoplasm of soft tissues of abdomen	Cancer
4314349	Secondary malignant neoplasm of skin of abdomen	Cancer
4314348	Secondary malignant neoplasm of shoulder	Cancer
4314345	Secondary malignant neoplasm of scrotum	Cancer
4314343	Secondary malignant neoplasm of sacrum	Cancer
4314342	Secondary malignant neoplasm of right upper lobe of lung	Cancer
4314341	Secondary malignant neoplasm of retropharyngeal lymph nodes	Cancer
4314201	Mixed cell type lymphosarcoma of intra-abdominal lymph nodes	Cancer
4314073	Secondary malignant neoplasm of upper limb	Cancer
4314068	Secondary malignant neoplasm of transverse colon	Cancer
4314067	Secondary malignant neoplasm of tracheobronchial lymph nodes	Cancer
4314062	Secondary malignant neoplasm of the mesentery	Cancer
4314061	Secondary malignant neoplasm of temporal lobe	Cancer
4314057	Secondary malignant neoplasm of supraclavicular region	Cancer
4314052	Secondary malignant neoplasm of splenic flexure of colon	Cancer
4314050	Secondary malignant neoplasm of sphenoidal sinus	Cancer
4314040	Large cell carcinoma of lung, TNM stage 1	Cancer
4313937	Secondary malignant neoplasm of skin of trunk	Cancer
4313926	Secondary malignant neoplasm of right lower lobe of lung	Cancer
4313921	Secondary malignant neoplasm of posterior hypopharyngeal wall	Cancer
4313917	Secondary malignant neoplasm of penis	Cancer
4313915	Secondary malignant neoplasm of pelvic peritoneum	Cancer
4313914	Secondary malignant neoplasm of pelvic bone	Cancer
4313913	Secondary malignant neoplasm of parietal lobe	Cancer
4313887	Primary leiomyosarcoma	Cancer
4313766	Malignant melanoma of retina	Cancer
4313214	Secondary malignant neoplasm of long bone of lower limb	Cancer
4313212	Secondary malignant neoplasm of left upper lobe of lung	Cancer
4313211	Secondary malignant neoplasm of left lower lobe of lung	Cancer
4313079	Secondary malignant neoplasm of gallbladder	Cancer
4312954	Secondary malignant neoplasm of eye	Cancer
4312944	Secondary malignant neoplasm of soft tissues	Cancer
4312940	Secondary malignant neoplasm of cheek	Cancer
4312937	Secondary malignant neoplasm of cauda equina	Cancer
4312929	Polymorphous low grade adenocarcinoma of salivary gland	Cancer
4312923	Squamous cell carcinomatosis	Cancer
4312823	Secondary malignant neoplasm of bone of skull	Cancer
4312768	Large cell carcinoma of lung, TNM stage 3	Cancer
4312701	Secondary malignant neoplasm of anterior mediastinum	Cancer
4312699	Secondary malignant neoplasm of acromion	Cancer
4312695	Primary malignant neoplasm of tibia	Cancer
4312693	Primary malignant neoplasm of temporal bone	Cancer
4312683	Primary malignant neoplasm of skin of forearm	Cancer
4312675	Primary malignant neoplasm of sacrococcygeal region	Cancer
4312640	Malignant tumor of spinal cord, intramedullary	Cancer
4312562	Secondary malignant neoplasm of parietal peritoneum	Cancer
4312560	Secondary malignant neoplasm of orbit	Cancer
4312558	Secondary malignant neoplasm of obturator lymph nodes	Cancer
4312550	Secondary malignant neoplasm of mouth	Cancer
4312429	Secondary malignant neoplasm of hilus of lung	Cancer
4312395	Cancer of vulva, disseminated	Cancer
4312303	Secondary malignant neoplasm of femoral lymph nodes	Cancer
4312289	Secondary malignant neoplasm of cerebellum	Cancer
4312284	Secondary malignant neoplasm of bronchus	Cancer
4312282	Secondary malignant neoplasm of bronchus of left upper lobe	Cancer
4312280	Secondary malignant neoplasm of brain stem	Cancer
4312279	Secondary malignant neoplasm of bone of lower limb	Cancer
4312150	Secondary malignant neoplasm of ascending colon	Cancer
4312024	Secondary malignant neoplasm of intrahepatic bile ducts	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4312017	Secondary malignant neoplasm of head of pancreas	Cancer
4312004	Primary malignant neoplasm of lacrimal gland duct	Cancer
4311880	Secondary malignant neoplasm of esophagus	Cancer
4311879	Secondary malignant neoplasm of endometrium	Cancer
4311872	Lymphoma of retroperitoneal space	Cancer
4311762	Secondary malignant neoplasm of bone of upper limb	Cancer
4311638	Secondary malignant neoplasm of biliary tract	Cancer
4311635	Secondary malignant neoplasm of appendix	Cancer
4311632	Secondary malignant neoplasm of adenoid	Cancer
4311627	Primary malignant neoplasm of uveal tract	Cancer
4311626	Primary malignant neoplasm of ulna	Cancer
4311617	Primary malignant neoplasm of skin of nose	Cancer
4311502	Primary malignant neoplasm of scapula	Cancer
4311497	Primary malignant neoplasm of perianal skin	Cancer
4311492	Primary malignant neoplasm of muscle	Cancer
4311481	Primary malignant neoplasm of inguinal region	Cancer
4311472	Secondary malignant neoplasm of thymus	Cancer
4311348	Secondary malignant neoplasm of testis	Cancer
4311347	Secondary malignant neoplasm of tail of pancreas	Cancer
4311344	Secondary malignant neoplasm of sternum	Cancer
4311332	Secondary malignant neoplasm of skin of chest	Cancer
4311328	Secondary malignant neoplasm of scapula	Cancer
4311326	Secondary malignant neoplasm of rib	Cancer
4311211	Secondary malignant neoplasm of popliteal lymph nodes	Cancer
4311209	Secondary malignant neoplasm of pituitary gland	Cancer
4310839	Malignant melanoma of skin of lower lip	Cancer
4310714	Malignant melanoma of unknown origin	Cancer
4310595	Small cell carcinoma carcinomatosis	Cancer
4310565	Mucoepidermoid carcinoma of submandibular gland	Cancer
4309851	Malignant tumor of spinal cord, extramedullary	Cancer
4309817	Invasive vulval Paget's disease	Cancer
4309707	Sarcoma of head and neck	Cancer
4309385	Carcinoma of nasal meatus	Cancer
4309088	Malignant melanoma of skin of upper lip	Cancer
4308627	Adenoid cystic carcinoma of oropharynx	Cancer
4308015	Adenocarcinoma of pelvis	Cancer
4307986	Sarcoma of ovary	Cancer
4307983	Rhabdomyosarcoma of connective or soft tissue	Cancer
4307407	Carcinoma of tip of nose	Cancer
4307118	Large cell carcinoma of lung, TNM stage 2	Cancer
4306501	Undifferentiated carcinoma of nasopharynx	Cancer
4302810	Secondary malignant neoplasm of lacrimal drainage structure	Cancer
4302482	Squamous cell carcinoma of mucous membrane of upper lip	Cancer
4301670	Mantle cell B-cell lymphoma	Cancer
4301669	Primary cutaneous anaplastic large cell B-cell lymphoma	Cancer
4301667	Small lymphocytic B-cell lymphoma involving skin	Cancer
4301663	Bullous mycosis fungoides	Cancer
4301661	Follicular mucinosis type mycosis fungoides	Cancer
4301656	Malignant infiltration of oral cavity by underlying tumor	Cancer
4301655	Carcinosarcoma of skin	Cancer
4301648	Alveolar soft part sarcoma	Cancer
4301647	Pleomorphic rhabdomyosarcoma	Cancer
4301538	Superficial malignant fibrous histiocytoma of skin	Cancer
4301517	Perianal Paget's disease	Cancer
4301512	Trichilemmal carcinoma	Cancer
4301511	Spindle cell malignant melanoma	Cancer
4301428	Spindle cell squamous cell carcinoma	Cancer
4300783	Lymphoplasmacytic B-cell lymphoma, nodal/systemic with skin involvement	Cancer
4300702	Primary cutaneous plasmacytoma	Cancer
4300696	Lymphomatoid papulosis-associated mycosis fungoides	Cancer
4300695	Patch/plaque stage mycosis fungoides	Cancer
4300694	Lymphomatoid papulosis with Hodgkin's disease	Cancer
4300687	Pleomorphic liposarcoma	Cancer
4300670	Malignant fibrous histiocytoma of skin	Cancer
4300585	Infantile fibrosarcoma	Cancer
4300570	Eccrine ductal carcinoma	Cancer
4300554	Verrucous carcinoma of oral cavity	Cancer
4299430	Malignant melanoma of soft tissues	Cancer
4299147	CD-30 negative anaplastic large T-cell cutaneous lymphoma	Cancer
4299141	Mycosis fungoides with systemic infiltration	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4299134	Sarcomatous metastasis in skin	Cancer
4298846	Malignant fibrohistiocytic tumor of skin	Cancer
4298240	Extraskeletal osteosarcoma	Cancer
4298233	Myxoid leiomyosarcoma of skin	Cancer
4298154	Malignant granular cell tumor	Cancer
4298141	Lymphangiosarcoma	Cancer
4298128	Apocrine adenocarcinoma of skin	Cancer
4298030	Verrucous squamous cell carcinoma	Cancer
4297358	Primary cutaneous diffuse large cell B-cell lymphoma	Cancer
4297348	Low-grade fibromyxoid sarcoma	Cancer
4297346	Extraskeletal mesenchymal chondrosarcoma	Cancer
4297345	Extraskeletal myxoid chondrosarcoma	Cancer
4297343	Spindle cell liposarcoma	Cancer
4297342	Round cell liposarcoma	Cancer
4297338	Spindle cell rhabdomyosarcoma	Cancer
4297189	Malignant melanoma of nail apparatus	Cancer
4297188	Malignant melanoma of oral cavity	Cancer
4297187	Borderline malignant melanoma	Cancer
4295623	Squamous cell carcinoma of vulva due to lichen sclerosus	Cancer
4294434	Primary cutaneous large T-cell lymphoma	Cancer
4294181	Adenoma malignum	Cancer
4292390	Multiple primary malignant melanomata	Cancer
4292389	Metastatic malignant melanoma with diffuse hypermelanosis	Cancer
4290984	Eccrine carcinoma of skin	Cancer
4289824	Malignant tumor involving right ovary by separate metastasis from fallopian tube	Cancer
4289381	Malignant tumor involving prostate by separate metastasis from bladder	Cancer
4289249	Malignant tumor involving rectum by separate metastasis from prostate	Cancer
4289096	Malignant tumor involving urethra by separate metastasis from prostate	Cancer
4289092	Malignant tumor involving rectum by direct extension from vagina	Cancer
4283748	Primary malignant neoplasm of right fallopian tube	Cancer
4283742	Malignant tumor involving uterine cervix by direct extension from vagina	Cancer
4283738	Malignant tumor involving prostate by direct extension from bladder	Cancer
4283614	Malignant tumor involving bladder by direct extension from prostate	Cancer
4283611	Malignant tumor involving rectum by direct extension from endometrium	Cancer
4281159	Malignant tumor involving right ovary by direct extension from uterus	Cancer
4281025	Malignant tumor involving left fallopian tube by direct extension from ovary	Cancer
4281018	Malignant tumor involving bladder by separate metastasis from prostate	Cancer
4280899	Malignant tumor involving bladder by direct extension from endometrium	Cancer
4280897	Malignant tumor involving urethra by direct extension from prostate	Cancer
4266390	Mu heavy chain disease	Cancer
4264694	Systemic mastocytosis with associated clonal hematological non-mast cell lineage disease	Cancer
4258546	Siewert type III adenocarcinoma of esophagogastric junction	Cancer
4248199	Secondary malignant neoplasm of pericardium	Cancer
4248197	Secondary malignant neoplasm of parietal pleura	Cancer
4248186	Secondary malignant neoplasm of occipital lobe	Cancer
4248182	Secondary malignant neoplasm of muscle	Cancer
4248060	Secondary malignant neoplasm of intercostal lymph nodes	Cancer
4248055	Secondary malignant neoplasm of hypogastric lymph nodes	Cancer
4247967	Secondary malignant neoplasm of heart	Cancer
4247850	Primary malignant neoplasm of pericardium	Cancer
4247846	Primary malignant neoplasm of occipital bone	Cancer
4247831	Primary malignant neoplasm of laryngeal surface of epiglottis	Cancer
4247830	Primary malignant neoplasm of laryngeal commissure	Cancer
4247824	Primary malignant neoplasm of cystic duct	Cancer
4247727	Primary malignant neoplasm of bronchus of right lower lobe	Cancer
4247715	Malignant melanoma of skin of toe	Cancer
4247714	Malignant melanoma of skin of shoulder	Cancer
4247713	Malignant melanoma of skin of knee	Cancer
4247346	Primary malignant neoplasm of skin of ankle	Cancer
4247341	Primary malignant neoplasm of pubis	Cancer
4247339	Primary malignant neoplasm of parietal bone	Cancer
4247338	Primary malignant neoplasm of nose	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4247242	Primary malignant neoplasm of glomus jugulare	Cancer
4247239	Primary malignant neoplasm of ethmoid bone	Cancer
4247226	Malignant melanoma of skin of wrist	Cancer
4247221	Malignant melanoma of skin of hand	Cancer
4246924	Primary malignant neoplasm of fibula	Cancer
4246805	Primary malignant neoplasm of bronchus of right upper lobe	Cancer
4246804	Primary malignant neoplasm of bronchus of right middle lobe	Cancer
4246794	Primary malignant neoplasm of adnexa of skin	Cancer
4246793	Primary malignant neoplasm of adenoid	Cancer
4246792	Malignant melanoma of skin of temporal region	Cancer
4246473	Malignant melanoma of skin of elbow	Cancer
4246458	Secondary malignant neoplasm of choroid	Cancer
4246457	Secondary malignant neoplasm of cervical vertebral column	Cancer
4246453	Secondary malignant neoplasm of bronchus of right lower lobe	Cancer
4246352	Secondary malignant neoplasm of axillary tail of female breast	Cancer
4246350	Secondary malignant neoplasm of areola of female breast	Cancer
4246239	Primary malignant neoplasm of talus	Cancer
4246238	Primary malignant neoplasm of sweat gland	Cancer
4246236	Primary malignant neoplasm of sphenoid bone	Cancer
4246230	Primary malignant neoplasm of skin of eyebrow	Cancer
4246227	Primary malignant neoplasm of skin of cheek	Cancer
4246226	Primary malignant neoplasm of shoulder	Cancer
4246225	Primary malignant neoplasm of septum of nose	Cancer
4246140	Primary malignant neoplasm of parietal peritoneum	Cancer
4246136	Primary malignant neoplasm of nasal bone	Cancer
4246122	Primary malignant neoplasm of ilium	Cancer
4246120	Primary malignant neoplasm of hand	Cancer
4246040	Primary malignant neoplasm of forearm	Cancer
4246036	Primary malignant neoplasm of ectopic female breast tissue	Cancer
4246032	Primary malignant neoplasm of chest wall	Cancer
4246031	Primary malignant neoplasm of cheek	Cancer
4246027	Primary malignant neoplasm of bronchus of left upper lobe	Cancer
4246017	Primary malignant neoplasm of back	Cancer
4246016	Primary malignant neoplasm of axilla	Cancer
4246015	Primary malignant neoplasm of alveolar ridge mucosa	Cancer
4246013	Primary malignant neoplasm of acoustic nerve	Cancer
4245919	Malignant melanoma of skin of groin	Cancer
4245467	Malignant melanoma of skin of buttock	Cancer
4244169	Malignant melanoma of skin of foot	Cancer
4244168	Malignant melanoma of skin of finger	Cancer
4244167	Malignant melanoma of skin of chin	Cancer
4234749	Acute myeloid leukemia with maturation, FAB M2	Cancer
4230395	Metastatic malignant neoplasm to dome of urinary bladder	Cancer
4230394	Metastatic malignant neoplasm to apex of urinary bladder	Cancer
4230253	Acute myeloid leukemia without maturation, FAB M1	Cancer
4227209	Primary intraocular non-Hodgkin malignant lymphoma	Cancer
4220833	Reactive immunoproliferative disease	Cancer
4216500	Anaplasia of cervix	Cancer
4211481	Blastic phase chronic myeloid leukemia	Cancer
4208017	Siewert type I adenocarcinoma of esophagogastric junction	Cancer
4207920	Malignant neoplasm of skin of scapular region	Cancer
4207131	Siewert type II adenocarcinoma of esophagogastric junction	Cancer
4206830	Primary osteosarcoma of pelvis	Cancer
4201615	Local recurrence of malignant tumor of soft tissue	Cancer
4201481	Local recurrence of malignant tumor of pancreas	Cancer
4201480	Local recurrence of malignant tumor of esophagus	Cancer
4201476	Local recurrence of malignant tumor of buccal cavity	Cancer
4201475	Local recurrence of malignant tumor of tongue	Cancer
4201020	Metastasis from malignant tumor of bronchus	Cancer
4200894	Metastasis from malignant tumor of skin	Cancer
4198444	Metastasis from malignant tumor of gallbladder	Cancer
4198437	Local recurrence of malignant melanoma of skin	Cancer
4198436	Local recurrence of malignant tumor of skin	Cancer
4196725	Squamous cell carcinoma of bronchus in right lower lobe	Cancer
4196724	Squamous cell carcinoma of bronchus in left lower lobe	Cancer
4196260	Metastasis from malignant tumor of adrenal gland	Cancer
4196258	Metastasis from malignant tumor of soft tissues	Cancer
4190642	Plasma cell myeloma/plasmacytoma	Cancer
4188975	Chronic phase chronic myeloid leukemia	Cancer
4188973	Chronic myeloid leukemia in lymphoid blast crisis	Cancer
4187635	Accelerated phase chronic myeloid leukemia	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4183913	Malignant tumor involving an organ by direct extension from prostate	Cancer
4183745	Malignant tumor involving an organ by separate metastasis from prostate	Cancer
4182918	Malignant tumor involving an organ by separate metastasis from endometrium	Cancer
4181346	Malignant tumor of mastoid air cells	Cancer
4181330	Malignant tumor of soft tissue of thorax	Cancer
4181329	Malignant tumor of soft tissue of hip	Cancer
4180915	Malignant tumor of urinary tract proper	Cancer
4180781	Malignant tumor of soft tissue of shoulder	Cancer
4179094	Malignant tumor of soft tissue of abdomen	Cancer
4177239	Malignant tumor of muscle	Cancer
4177237	Malignant tumor of false cord	Cancer
4175532	Malignant Leydig cell tumor of testis	Cancer
4175529	Sarcoma of bladder	Cancer
4174764	Late gastric cancer	Cancer
4173977	Follicular malignant lymphoma - mixed cell type	Cancer
4173800	Carcinoma anterior 2/3 tongue ventrum	Cancer
4173799	Carcinoma ventral surface of tongue	Cancer
4173358	Malignant tumor of skin with pilar differentiation	Cancer
4173353	Primary signet ring carcinoma of skin	Cancer
4172846	Malignant tumor of corpus cavernosum	Cancer
4171275	Malignant glioma of spinal cord	Cancer
4170451	Malignant tumor of lipstick area of lip	Cancer
4170450	Carcinoma of anterior two-thirds of tongue - dorsal surface	Cancer
4166589	Metastasis to digestive organs	Cancer
4162995	Carcinoma of skin of upper limb	Cancer
4162992	Carcinoma of ribs and/or sternum and/or clavicle	Cancer
4162978	Pigmented dermatofibrosarcoma protuberans of skin	Cancer
4162861	Primary malignant neoplasm of minor salivary gland	Cancer
4162250	Carcinoma of main bronchus	Cancer
4162248	Carcinoma of middle lobe, bronchus or lung	Cancer
4161912	Adamantinoma of femur	Cancer
4158253	Anaplastic astrocytoma of spinal cord	Cancer
4157451	Carcinoma of glottis	Cancer
4157319	Malignant tumor of soft tissue of upper limb	Cancer
4155296	Carcinoma of skin of trunk	Cancer
4155295	Carcinoma of skin of lower limb	Cancer
4155169	Primary malignant neoplasm of false vocal cord	Cancer
4149450	Malignant tumor of soft tissue of back	Cancer
4146031	Malignant lymphoma, lymphocytic, poorly differentiated, nodular	Cancer
4146027	Malignant lymphoma, mixed lymphocytic-histiocytic, nodular	Cancer
4146024	Malignant lymphoma - centrocytic	Cancer
4146022	Neutrophilic leukemia	Cancer
4145865	Perforated carcinoma of esophagus	Cancer
4144191	Basophilic leukemia	Cancer
4143896	Monosomy 7 syndrome	Cancer
4143825	Epidermal growth factor receptor positive non-small cell lung cancer	Cancer
4142105	Acute myelomonocytic leukemia, FAB M4, in remission	Cancer
4141250	Pilomatrix carcinoma of skin	Cancer
4140471	Epidermal growth factor receptor negative non-small cell lung cancer	Cancer
4138903	Acute myeloid leukemia with maturation, FAB M2, in remission	Cancer
4137510	Osteosclerotic myeloma	Cancer
4131920	Familial polycythemia vera	Cancer
4121330	Diffuse malignant lymphoma - centroblastic	Cancer
4120590	Carcinoma of genital organ	Cancer
4120589	Carcinoma of lower limb bones	Cancer
4120588	Carcinoma of upper limb bones/scapula	Cancer
4119610	Pulmonary tumor embolism	Cancer
4116348	Metastasis to nervous system and eye	Cancer
4116244	Malignant tumor of epidermal appendage	Cancer
4116239	Malignant tumor of esophagus, stomach and duodenum	Cancer
4116219	Liposarcoma of orbit	Cancer
4116088	Carcinoma of glans penis	Cancer
4116070	Malignant lipomatous tumor	Cancer
4116069	Malignant tumor of mesothelial tissue	Cancer
4115266	Carcinoma of body of stomach	Cancer
4115137	Malignant tumor of anterior pillar of fauces	Cancer
4114341	Secondary lymphangitic carcinoma	Cancer
4114201	Adenoid cystic carcinoma of lacrimal gland	Cancer
4114193	Pituitary carcinoma	Cancer
4113638	Carcinoma of breast - axillary tail	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4112969	Malignant meningioma of optic nerve sheath	Cancer
4112879	Cystadenocarcinoma of kidney	Cancer
4112871	Malignant tumor of skin of penis	Cancer
4112865	Choriocarcinoma of ovary	Cancer
4112781	Metastasis to adrenal gland of unknown primary	Cancer
4112776	Metastasis to peritoneum of unknown primary	Cancer
4112774	Metastasis to pancreas of unknown primary	Cancer
4112753	Eccrine porocarcinoma	Cancer
4112736	Adenoid cystic carcinoma of trachea	Cancer
4112730	Malignant tumor of anorectal junction	Cancer
4112609	Carcinoma of greater curve of stomach	Cancer
4112593	Malignant tumor of middle turbinate	Cancer
4112581	Carcinoma of lingual tonsil	Cancer
4112488	Metastasis to skin of unknown primary	Cancer
4112075	Cancer en cuirasse	Cancer
4111949	Epithelioid cell sarcoma of skin	Cancer
4111948	Angiosarcoma of skin	Cancer
4111943	Cutaneous leiomyosarcoma	Cancer
4111933	Mucoepidermoid carcinoma of skin	Cancer
4111932	Adenoid cystic eccrine carcinoma	Cancer
4111920	Malignant epithelial neoplasm of skin	Cancer
4111783	Carcinoma of retromolar area	Cancer
4111649	Malignant tumor of tip of tongue	Cancer
4111031	Metastasis to peripheral nerve	Cancer
4111027	Angioendotheliomatosis	Cancer
4111024	Malignant tumor of exocrine pancreas	Cancer
4111005	Malignant melanoma of iris	Cancer
4110891	Rhabdomyosarcoma of orbit	Cancer
4110877	Carcinoma of foreskin	Cancer
4110875	Sarcoma of vulva	Cancer
4110863	Undifferentiated carcinoma of ovary	Cancer
4110733	Peripheral neuroepithelioma	Cancer
4110726	Acral lentiginous malignant melanoma of skin	Cancer
4110722	Microcystic adnexal carcinoma	Cancer
4110572	Carcinoma of pyloric antrum	Cancer
4110568	Carcinoma of thoracic part of esophagus	Cancer
4110566	Malignant tumor of infrahyoid epiglottis	Cancer
4110565	Malignant tumor of suprahyoid epiglottis	Cancer
4110434	Malignant tumor of inferior turbinate	Cancer
4110432	Carcinoma of submandibular gland	Cancer
4110425	Carcinoma of uvula	Cancer
4110422	Carcinoma of lower gum	Cancer
4110420	Malignant tumor of anterior two-thirds of tongue - lateral margin	Cancer
4110417	Carcinoma of vermilion border of lower lip	Cancer
4110167	Intermediate grade B-cell lymphoma	Cancer
4110135	Metastasis to eye of unknown primary	Cancer
4110018	Metastasis to soft tissue of unknown primary	Cancer
4110013	Metastasis to colon of unknown primary	Cancer
4102385	Myxoid dermatofibrosarcoma protuberans	Cancer
4100557	Peripheral neuroectodermal tumor	Cancer
4097585	Aleukemic myeloid leukemia	Cancer
4097572	Follicular non-Hodgkin's mixed small cleaved and large cell lymphoma	Cancer
4097570	Malignant histiocytosis of lymph nodes of axilla and upper limb	Cancer
4096969	Diffuse non-Hodgkin's lymphoma undifferentiated	Cancer
4095897	Compound leukemias	Cancer
4095889	Malignant neoplasm of corpus callosum	Cancer
4095603	Malignant neoplasm of skin of thumb	Cancer
4095587	Malignant neoplasm of connective and soft tissue of axilla	Cancer
4095586	Malignant neoplasm of connective and soft tissue of toe	Cancer
4095580	Malignant neoplasm of coccygeal vertebra	Cancer
4095578	Malignant neoplasm of fourth metacarpal bone	Cancer
4095446	Malignant neoplasm of cricoid cartilage	Cancer
4095299	Malignant neoplasm of pons	Cancer
4095298	Malignant neoplasm of globus pallidus	Cancer
4095164	Malignant tumor of ectopic testis	Cancer
4095158	Malignant neoplasm of squamocolumnar junction of cervix	Cancer
4095152	Malignant neoplasm of skin of great toe	Cancer
4095011	Malignant neoplasm of connective and soft tissue of thumb	Cancer
4095009	Malignant neoplasm of connective and soft tissue of forearm	Cancer
4095004	Malignant neoplasm of calcaneum	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4095002	Malignant neoplasm of phalanges of hand	Cancer
4094874	Malignant neoplasm of cartilage of trachea	Cancer
4094868	Malignant neoplasm of perinephric tissue	Cancer
4094541	Mast cell malignancy of lymph nodes of inguinal region and lower limb	Cancer
4093650	Malignant neoplasm of midline of tongue	Cancer
4093647	Malignant neoplasm of lower lip, buccal aspect	Cancer
4093012	Malignant neoplasm of upper lip, lipstick area	Cancer
4092514	Malignant neoplasm of endocervical gland	Cancer
4092379	Malignant neoplasm of skin of external auditory meatus	Cancer
4092376	Malignant melanoma of popliteal fossa area	Cancer
4092370	Malignant melanoma of umbilicus	Cancer
4092361	Malignant neoplasm of connective and soft tissue of sacrum or coccyx	Cancer
4092360	Malignant neoplasm of connective and soft tissue of inguinal region	Cancer
4092357	Malignant neoplasm of connective and soft tissue of popliteal space	Cancer
4092237	Malignant neoplasm of connective and soft tissue of hand	Cancer
4092236	Malignant neoplasm of connective and soft tissue of shoulder	Cancer
4092213	Malignant neoplasm of arytenoid cartilage	Cancer
4092210	Malignant tumor of nasal vestibule	Cancer
4092080	Malignant neoplasm of the pouch of Douglas	Cancer
4092079	Malignant neoplasm of mesocecum	Cancer
4091932	Malignant neoplasm of epiglottis, free border	Cancer
4091916	Malignant lymphoma - small cleaved cell	Cancer
4091762	Secondary malignant neoplasm of skin of head	Cancer
4091616	Malignant neoplasm of cerebral dura mater	Cancer
4091614	Malignant neoplasm of medulla oblongata	Cancer
4091610	Malignant neoplasm of thalamus	Cancer
4091493	Malignant tumor of hypothalamus	Cancer
4089778	Malignant neoplasm of connective and soft tissue of hip	Cancer
4089776	Malignant neoplasm of connective and soft tissue, upper arm	Cancer
4089775	Malignant neoplasm soft tissues of cervical spine	Cancer
4089766	Malignant neoplasm of carpal bone - trapezium	Cancer
4089761	Malignant neoplasm of malar bone	Cancer
4089666	Malignant neoplasm of retrocecal tissue	Cancer
4089662	Malignant neoplasm of interlobular bile ducts	Cancer
4089646	Malignant neoplasm of junctional region of epiglottis	Cancer
4089644	Malignant neoplasm of junction of hard and soft palate	Cancer
4085561	Paraspinal neuroblastoma	Cancer
4085560	Thoracic neuroblastoma	Cancer
4085559	Adrenal neuroblastoma	Cancer
4085076	Tibial adamantinoma	Cancer
4084437	Abdominothoracic neuroblastoma	Cancer
4083496	Neuroblastoma of brain	Cancer
4082834	Malignant teratoma of mediastinum	Cancer
4082338	Chronic lymphocytic polymorphous leukemia syndrome	Cancer
4082332	Malignant melanoma of meninges	Cancer
4081041	Malignant tumor of fibrous tissue	Cancer
4080733	Rhabdomyosarcoma of bladder	Cancer
4079696	High grade T-cell lymphoma	Cancer
4079693	Monocytoid B-cell lymphoma	Cancer
4079689	Hodgkin's disease, nodular sclerosis - lymphocytic predominance	Cancer
4079684	Non-secretory myeloma	Cancer
4079274	Malignant white blood cell disorder	Cancer
4033890	Primary malignant neoplasm of independent multiple sites	Cancer
4030667	Lymphoma of kidney	Cancer
4003682	Overlapping malignant neoplasm of uterine cervix	Cancer
4003024	Mesothelioma of omentum	Cancer
4001320	Primary malignant neoplasm of peripheral nerves of hip	Cancer
765058	Malignant carcinoid tumor of large intestine	Cancer
442178	Secondary malignant neoplasm of male breast	Cancer
442126	Primary malignant neoplasm of nipple of male breast	Cancer
440964	Hodgkin's paraganuloma of extranodal AND/OR solid organ site	Cancer
440341	Secondary malignant neoplasm of lymph nodes of face	Cancer
439287	Hodgkin's disease, lymphocytic-histiocytic predominance of lymph nodes of axilla and upper limb	Cancer
437817	Hodgkin's sarcoma of extranodal AND/OR solid organ site	Cancer
437226	Malignant neoplasm of nasopharyngeal wall	Cancer
436929	Malignant histiocytosis of extranodal AND/OR solid organ site	Cancer
436927	Hodgkin's disease, lymphocytic-histiocytic predominance of lymph nodes of head, face and neck	Cancer
318382	Malignant mast cell tumor of extranodal AND/OR solid organ site	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

199744	Carcinoma liver and/or biliary system	Cancer
197231	Hodgkin's disease, nodular sclerosis of lymph nodes of inguinal region and lower limb	Cancer
195199	Hodgkin's disease, mixed cellularity of lymph nodes of inguinal region and lower limb	Cancer
30346	Primary malignant neoplasm of neck	Cancer
36712724	Infiltrating lobular carcinoma of left female breast	Cancer
36712709	Primary adenocarcinoma of lower lobe of right lung	Cancer
765123	Primary malignant neoplasm of female right breast	Cancer
4110019	Metastasis to breast of unknown primary	Cancer
36712762	Recurrent malignant neoplasm of prostate	Cancer
36712933	Primary malignant neoplasm of both ovaries	Cancer
36712744	Primary squamous cell carcinoma of left ear	Cancer
36712707	Primary adenocarcinoma of lower lobe of left lung	Cancer
36713671	Small cell neuroendocrine carcinoma of bladder	Cancer
4312950	Secondary malignant neoplasm of epitrochlear lymph nodes	Cancer
4313217	Secondary malignant neoplasm of trachea	Cancer
46272955	Primary clear cell adenocarcinoma of lung	Cancer
46271211	Secondary malignant neoplasm of lumbosacral plexus	Cancer
45773563	Primary squamous cell carcinoma of ethmoidal sinus	Cancer
45773547	Childhood myelodysplastic syndrome	Cancer
45772941	Primary basaloid squamous cell carcinoma of hypopharynx	Cancer
45772938	Primary papillary squamous cell carcinoma of lung	Cancer
45771026	Primary salivary gland-type tumor of oropharynx	Cancer
45771025	Primary cystadenocarcinoma of oropharynx	Cancer
45771018	Primary adenosquamous cell carcinoma of larynx	Cancer
45771014	Malignant melanoma of accessory sinus	Cancer
45771012	Primary adenocarcinoma of maxillary sinus	Cancer
45769825	Recurrent primary malignant neoplasm of vulva	Cancer
45769408	Malignant neoplasm after immunosuppressive therapy	Cancer
45769058	Primary salivary gland type carcinoma of hypopharynx	Cancer
45769034	Primary mucinous cystadenocarcinoma of lung	Cancer
45769031	Primary mucoepidermoid carcinoma of oropharynx	Cancer
45769029	Primary epithelial-myoepithelial carcinoma of oropharynx	Cancer
45769028	Primary carcinoma ex pleomorphic adenoma of oropharynx	Cancer
45769027	Primary myoepithelial carcinoma of oropharynx	Cancer
45769024	Primary adenosquamous carcinoma of oropharynx	Cancer
45769022	Primary papillary squamous cell carcinoma of oropharynx	Cancer
45769021	Primary basaloid carcinoma of oropharynx	Cancer
45769018	Primary squamous cell carcinoma of subglottis	Cancer
45768985	Primary adenoid cystic carcinoma of hypopharynx	Cancer
45768982	Primary squamous cell carcinoma of lateral wall of oropharynx	Cancer
45768980	Primary squamous cell carcinoma of posterior wall of oropharynx	Cancer
45768979	Primary squamous cell carcinoma of branchial cleft	Cancer
45768978	Overlapping squamous cell carcinoma of oropharynx	Cancer
45768953	Primary squamous cell adenoid carcinoma of trachea	Cancer
45768949	Primary verrucous carcinoma of hypopharynx	Cancer
45768945	Primary adenosquamous carcinoma of hypopharynx	Cancer
45768942	Primary papillary squamous cell carcinoma of hypopharynx	Cancer
45768940	Primary adenocarcinoma of subglottis	Cancer
45768936	Primary adenocarcinoma of trachea	Cancer
45768932	Primary mucinous bronchiolo-alveolar carcinoma of lung	Cancer
45768928	Primary adenoid cystic carcinoma of lung	Cancer
45768922	Primary pleomorphic carcinoma of lung	Cancer
45768919	Primary basaloid squamous cell carcinoma of lung	Cancer
45768918	Primary clear cell squamous cell carcinoma of lung	Cancer
45768897	Primary papillary squamous cell carcinoma of larynx	Cancer
45768886	Primary papillary adenocarcinoma of lung	Cancer
45768885	Primary solid carcinoma of lung	Cancer
45768884	Primary acinar cell carcinoma of lung	Cancer
45768883	Primary small cell non-keratinizing squamous cell carcinoma of lung	Cancer
45768882	Primary mucoepidermoid carcinoma of hypopharynx	Cancer
45768879	Primary fetal adenocarcinoma of lung	Cancer
45768878	Primary adenocarcinoma of oropharynx	Cancer
45768874	Primary polymorphous low grade adenocarcinoma of oropharynx	Cancer
45768870	Primary spindle cell carcinoma of trachea	Cancer
45768865	Primary squamous cell carcinoma of trachea	Cancer
45768842	Malignant melanoma of sphenoidal sinus	Cancer
45768841	Malignant melanoma of frontal sinus	Cancer
45768838	Primary squamous cell carcinoma of frontal sinus	Cancer
45768837	Primary squamous cell carcinoma of sphenoidal sinus	Cancer
45768833	Primary carcinoma of frontal sinus	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

45768829	Primary adenocarcinoma of frontal sinus	Cancer
45768828	Primary adenocarcinoma of ethmoidal sinus	Cancer
45768824	Primary adenocarcinoma of accessory sinus	Cancer
45766461	Kaposi's sarcoma not associated with acquired immunodeficiency syndrome	Cancer
45765919	Follicular non-Hodgkin's lymphoma diffuse follicle center cell sub-type grade 2	Cancer
44814156	Follicular lymphoma grade 2	Cancer
44814026	Clinical stage C chronic lymphocytic leukaemia	Cancer
44811228	Clinical stage B chronic lymphocytic leukaemia	Cancer
44811227	Clinical stage A chronic lymphocytic leukaemia	Cancer
44808118	Follicular lymphoma grade 3b	Cancer
44808117	Follicular lymphoma grade 3a	Cancer
44808028	Follicular lymphoma grade 3	Cancer
44792338	Siewert type I adenocarcinoma	Cancer
44792337	Siewert type III adenocarcinoma	Cancer
44792336	Siewert type II adenocarcinoma	Cancer
44784247	Malignant melanoma of maxillary sinus	Cancer
44783851	Undifferentiated nonkeratinizing carcinoma of nasopharynx	Cancer
44783808	Undifferentiated carcinoma of nasal sinus	Cancer
44783592	Classic medulloblastoma	Cancer
44783287	High grade endometrial stromal sarcoma	Cancer
44783280	Sarcoma of orbit	Cancer
44783253	Paratesticular malignant neoplasm	Cancer
44782582	Keratinizing squamous cell carcinoma of nasopharynx	Cancer
44782471	Supratentorial primitive neuroectodermal tumor	Cancer
42709758	Secondary malignant neoplasm of skin of lower leg	Cancer
42538850	Classical Hodgkin lymphoma	Cancer
42538692	Astroblastoma of brain	Cancer
42538579	Therapy related acute myeloid leukemia due to and following administration of antineoplastic agent	Cancer
42537755	Primary malignant neuroendocrine neoplasm of ileum	Cancer
42537753	Primary squamous cell carcinoma of submandibular gland	Cancer
42537577	Microsatellite instability-high colorectal cancer	Cancer
42536743	Primary malignant neuroendocrine neoplasm of pancreas	Cancer
42535535	Malignant melanoma of skin of right lower limb	Cancer
42534922	Transitional cell carcinoma of left ureter	Cancer
40493517	Diffuse non-Hodgkin's lymphoma of intestine	Cancer
40493435	Sarcoma of sternum	Cancer
40493019	Diffuse non-Hodgkin's lymphoma of nose	Cancer
40493017	Follicular non-Hodgkin's lymphoma of oral cavity	Cancer
40493012	Follicular non-Hodgkin's lymphoma of uterine cervix	Cancer
40493011	Follicular non-Hodgkin's lymphoma of tonsil	Cancer
40493007	Carcinoma of fundus of uterus	Cancer
40492985	Malignant neoplasm of anterior and lateral floor of mouth	Cancer
40492940	Follicular non-Hodgkin's lymphoma of central nervous system	Cancer
40492939	Carcinoma of upper rectum	Cancer
40492416	Primary malignant neoplasm of distal bile duct	Cancer
40492016	Carcinoma of pineal gland	Cancer
40491514	Sarcoma of vertebra	Cancer
40491512	Non-Hodgkin's lymphoma of uterine cervix	Cancer
40490465	Diffuse non-Hodgkin's lymphoma of extranodal site	Cancer
40490459	Liposarcoma of connective tissue	Cancer
40489963	Diffuse non-Hodgkin's lymphoma of oral cavity	Cancer
40489960	Diffuse non-Hodgkin's lymphoma of testis	Cancer
40489943	Sarcoma of omentum	Cancer
40489501	Choriocarcinoma of placenta	Cancer
40489483	Non-Hodgkin's lymphoma of oral cavity	Cancer
40489481	Non-Hodgkin's lymphoma of nose	Cancer
40489472	Non-Hodgkin's lymphoma of ovary	Cancer
40488993	Malignant melanoma of skin of vulva	Cancer
40488991	Malignant neoplasm of mastoid	Cancer
40488988	Dermatofibrosarcoma protuberans of skin of chest	Cancer
40488963	Malignant melanoma of skin of scrotum	Cancer
40488958	Lymphoma of lesser curvature of stomach	Cancer
40488947	Sarcoma of posterior mediastinum	Cancer
40488946	Sarcoma of mesentery	Cancer
40488935	Malignant neoplasm of axial suprasellar region of brain	Cancer
40488914	Leiomyosarcoma of lower esophagus	Cancer
40488901	Follicular non-Hodgkin's lymphoma of prostate	Cancer
40488448	Marjolin's ulcer	Cancer
40488419	Fibrosarcoma of connective tissue	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

40487139	Carcinoma of skin of anus	Cancer
40486666	Non-Hodgkin's lymphoma of prostate	Cancer
40486654	Follicular non-Hodgkin's lymphoma of ovary	Cancer
40486639	Sarcoma of scapula	Cancer
40486638	Sarcoma of connective tissue	Cancer
40486589	Lymphoma of greater curvature of stomach	Cancer
40486565	Sarcoma of axillary tail of female breast	Cancer
40486545	Lymphoma of pyloric antrum of stomach	Cancer
40486222	Sarcoma of mandible	Cancer
40486173	Follicular non-Hodgkin's lymphoma of stomach	Cancer
40486169	Follicular non-Hodgkin's lymphoma of nasopharynx	Cancer
40486166	Diffuse non-Hodgkin's lymphoma of soft tissue	Cancer
40486157	Sarcoma of coccyx	Cancer
40486084	Leiomyosarcoma of cardia of stomach	Cancer
40486082	Malignant germ cell neoplasm of posterior mediastinum	Cancer
40486029	Lymphoma of fundus of stomach	Cancer
40391740	Pulmonary blastoma	Cancer
37399544	Primary hepatic neuroendocrine carcinoma	Cancer
37399015	Epstein-Barr virus positive diffuse large B-cell lymphoma of elderly	Cancer
37397538	Primary pulmonary lymphoma	Cancer
37396884	Hereditary diffuse carcinoma of stomach	Cancer
37396882	Theca steroid producing cell malignant neoplasm of ovary	Cancer
37396743	Familial papillary thyroid carcinoma with renal papillary neoplasia syndrome	Cancer
37396187	Pineal parenchymal tumor of intermediate differentiation	Cancer
37396184	Ependyoblastoma	Cancer
37395835	Familial prostate cancer	Cancer
37395650	Primary small cell malignant neoplasm of lung, TNM stage 3	Cancer
37395649	Primary small cell malignant neoplasm of lung, TNM stage 2	Cancer
37395579	Paget disease of anal canal	Cancer
37395573	Primary malignant germ cell neoplasm	Cancer
37119229	Primary chondrosarcoma of bone of rib	Cancer
37117762	Primary squamous cell carcinoma of pharynx	Cancer
37117201	Primary adenocarcinoma of ileum	Cancer
37116982	Diffuse large B-cell lymphoma of central nervous system	Cancer
37116954	Clear cell papillary renal cell carcinoma	Cancer
37116745	Primary cutaneous gamma-delta-positive T-cell lymphoma	Cancer
37116598	Primary mucinous adenocarcinoma of ovary	Cancer
37116593	Primary mucinous carcinoma of digestive organ	Cancer
37116584	Primary squamous cell carcinoma of lip	Cancer
37116583	Primary squamous cell carcinoma of oral cavity	Cancer
37116428	Primary urothelial carcinoma of paraurethral gland	Cancer
37115735	Endometrial carcinosarcoma	Cancer
37111319	Familial malignant melanoma of skin	Cancer
37110902	Chronic lymphocytic leukemia genetic mutation variant	Cancer
37110402	Plasmablastic lymphoma	Cancer
37110400	T-cell histiocyte rich large B-cell lymphoma	Cancer
37110332	Primary poorly differentiated carcinoma of thyroid gland	Cancer
37110270	Primary urothelial carcinoma of overlapping lesion of urinary organ	Cancer
37109936	B lymphoblastic leukemia lymphoma with t(9:22) (q34;q11.2); BCR-ABL 1	Cancer
37109303	Primary malignant neoplasm of right kidney	Cancer
37109302	Primary malignant neoplasm of left kidney	Cancer
37018972	Primary adenocarcinoma of fallopian tube	Cancer
37018963	Primary adenocarcinoma of skin	Cancer
37018880	Primary squamous cell carcinoma of vermilion border of lip	Cancer
37018865	Overlapping primary malignant neoplasm of bone and articular cartilage of lower limb	Cancer
37018665	Primary adenocarcinoma of intestinal tract	Cancer
37018661	Malignant neoplasm of rectosigmoid junction metastatic to brain	Cancer
37018648	Primary adenocarcinoma of vulva	Cancer
37018645	Ewing sarcoma of bone structure of upper limb	Cancer
37018644	Primary chondrosarcoma of bone of upper limb	Cancer
37018640	Malignant glioma of cerebellum	Cancer
37018567	Kaposi sarcoma of viscus	Cancer
37017893	Philadelphia chromosome-negative precursor B-cell acute lymphoblastic leukemia	Cancer
37017087	Malignant ameloblastoma of mandible	Cancer
37016244	Malignant pheochromocytoma	Cancer
37016240	Primary adenocarcinoma of small intestine	Cancer
37016238	Primary adenocarcinoma of cervix uteri	Cancer
37016237	Primary adenocarcinoma of anus	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

37016197	Glioblastoma multiforme of central nervous system	Cancer
37016196	Primary malignant astrocytoma of central nervous system	Cancer
37016150	Non-Hodgkin lymphoma of central nervous system metastatic to lymph node of lower limb	Cancer
37016120	Primary transitional cell carcinoma of urethra	Cancer
37016119	Primary squamous cell carcinoma of urethra	Cancer
36717587	Primary solid papillary carcinoma with invasion of breast	Cancer
36717578	Primary squamous cell carcinoma of middle ear	Cancer
36717566	Primary leiomyosarcoma of retroperitoneum	Cancer
36717542	Primary sarcoma of retroperitoneum	Cancer
36717461	Therapy related acute myeloid leukemia and myelodysplastic syndrome	Cancer
36717298	Secondary malignant neoplasm of lymph nodes of neck from thyroid	Cancer
36717260	Infiltrating ductal carcinoma of central portion of left female breast	Cancer
36717228	Primary low grade serous adenocarcinoma of ovary	Cancer
36717225	Primary thymic carcinoma	Cancer
36717181	Primary neuroendocrine carcinoma of colon	Cancer
36717175	Primary angiosarcoma of breast	Cancer
36717173	Primary adenocarcinoma of common bile duct	Cancer
36717161	Aggressive natural killer-cell leukemia	Cancer
36716975	Primary malignant melanoma of anus	Cancer
36716937	Carcinosarcoma of uterine adnexa	Cancer
36716856	Primary myosarcoma of uterus	Cancer
36716774	B-cell lymphoma unclassifiable with features intermediate between Burkitt lymphoma and diffuse large B-cell lymphoma	Cancer
36716631	Occupational cancer of skin	Cancer
36716615	Primary mixed adenocarcinoma of endometrium	Cancer
36716613	Primary squamous cell carcinoma of vagina	Cancer
36716609	Metastatic malignant neoplasm of meninges	Cancer
36716505	Primary malignant neoplasm of esophagogastric junction	Cancer
36716500	Primary malignant neuroendocrine neoplasm of lung	Cancer
36716497	Primary invasive pleomorphic lobular carcinoma of breast	Cancer
36716493	Primary malignant nerve sheath neoplasm of autonomic nerve	Cancer
36716491	Primary liposarcoma of peritoneum	Cancer
36716490	Primary liposarcoma of retroperitoneum	Cancer
36716186	Hormone sensitive prostate cancer	Cancer
36715921	Primary cloacogenic carcinoma of anal canal	Cancer
36715913	Primary malignant neuroendocrine neoplasm of colon	Cancer
36715888	Primary malignant neuroendocrine neoplasm of small intestine	Cancer
36715866	Primary neuroendocrine carcinoma of duodenum	Cancer
36715861	Primary neuroendocrine carcinoma of stomach	Cancer
36715857	Primary malignant neuroendocrine neoplasm of stomach	Cancer
36715856	Primary adenocarcinoma of overlapping lesion of stomach	Cancer
36715854	Linitis plastica of stomach	Cancer
36715851	Primary neuroendocrine carcinoma of esophagus	Cancer
36715850	Primary adenocarcinoma of overlapping lesion of esophagus	Cancer
36715849	Primary adenocarcinoma of middle third of esophagus	Cancer
36715847	Primary squamous cell carcinoma of overlapping lesion of esophagus	Cancer
36715845	Primary squamous cell carcinoma of upper third of esophagus	Cancer
36715834	Primary squamous cell carcinoma of overlapping lesion of male genital organ	Cancer
36715811	Primary synovial sarcoma of soft tissue of limb	Cancer
36715810	Primary liposarcoma of male genital organ	Cancer
36715808	Primary angiosarcoma of heart	Cancer
36715800	Primary adenocarcinoma overlapping lesion of retroperitoneum peritoneum and omentum	Cancer
36715799	Primary adenocarcinoma of nasal cavity	Cancer
36715796	Primary adenocarcinoma of palate	Cancer
36715795	Follicular lymphoma of small intestine	Cancer
36715783	Primary malignant sarcoma of skin	Cancer
36715782	Primary adnexal carcinoma of skin	Cancer
36715591	Indeterminate dendritic cell neoplasm	Cancer
36715590	Systemic Epstein-Barr virus positive T-cell lymphoproliferative disease of childhood	Cancer
36715584	Refractory anemia with ringed sideroblasts associated with marked thrombocytosis	Cancer
36713420	Familial renal cell carcinoma	Cancer
36713419	Renal cell carcinoma of kidney except renal pelvis	Cancer
36713418	Papillary thyroid carcinoma with renal papillary neoplasia	Cancer
36713362	Primary adenocarcinoma of body of pancreas	Cancer
36713026	Secondary malignant neoplasm of lymph node from neoplasm of female breast	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

36712980	Secondary adenocarcinoma of bilateral lungs	Cancer
36712822	Secondary malignant neoplasm of bilateral adrenal glands	Cancer
36712749	Transitional cell carcinoma of right ureter	Cancer
36712748	Transitional cell carcinoma of right renal pelvis	Cancer
36712747	Transitional cell carcinoma of left renal pelvis	Cancer
36712746	Primary squamous cell carcinoma of right ear	Cancer
36712743	Primary seminoma of right testis	Cancer
36712742	Primary seminoma of left testis	Cancer
36712739	Recurrent primary malignant neoplasm of right female breast	Cancer
36712738	Recurrent primary malignant neoplasm of left female breast	Cancer
36712733	Malignant melanoma of skin of left lower limb	Cancer
36712732	Malignant melanoma of right choroid	Cancer
36712731	Malignant melanoma of left choroid	Cancer
36712723	Infiltrating ductal carcinoma of upper outer quadrant of right female breast	Cancer
36712722	Infiltrating ductal carcinoma of upper inner quadrant of right female breast	Cancer
36712721	Infiltrating ductal carcinoma of central portion of right female breast	Cancer
36712720	Infiltrating ductal carcinoma of upper outer quadrant of left female breast	Cancer
36712719	Infiltrating ductal carcinoma of upper inner quadrant of left female breast	Cancer
36712712	Primary basal cell carcinoma of left ear	Cancer
35623402	Adenocarcinoma of gallbladder and extrahepatic biliary tract	Cancer
35614931	Pineoblastoma	Cancer
4315814	Secondary malignant neoplasm of uvula	Cancer
4315810	Secondary malignant neoplasm of tibia	Cancer
4315807	Secondary malignant neoplasm of thigh	Cancer
4315801	Secondary malignant neoplasm of soft tissues of thorax	Cancer
4315799	Secondary malignant neoplasm of soft tissues of hip	Cancer
4315680	Secondary malignant neoplasm of skin of ear	Cancer
4315675	Secondary malignant neoplasm of scalene lymph nodes	Cancer
4315673	Secondary malignant neoplasm of right middle lobe of lung	Cancer
4315668	Secondary malignant neoplasm of pyriform sinus	Cancer
4315667	Secondary malignant neoplasm of pubis	Cancer
4315661	Secondary malignant neoplasm of perianal skin	Cancer
4315553	Secondary malignant neoplasm of paraganglion	Cancer
4315550	Secondary malignant neoplasm of pancreatic duct	Cancer
4315549	Secondary malignant neoplasm of tonsil	Cancer
4315546	Secondary malignant neoplasm of scaphoid bone	Cancer
4315545	Secondary malignant neoplasm of nasal concha	Cancer
4315544	Secondary malignant neoplasm of myocardium	Cancer
4315537	Secondary malignant neoplasm of mandible	Cancer
4314501	Mixed cell type lymphosarcoma of lymph nodes of head, face, and neck	Cancer
4314499	Secondary malignant neoplasm of visceral pleura	Cancer
4314497	Secondary malignant neoplasm of ventral surface of tongue	Cancer
4314494	Secondary malignant neoplasm of urinary bladder neck	Cancer
4314491	Secondary malignant neoplasm of trigone of urinary bladder	Cancer
4314490	Secondary malignant neoplasm of tonsillar pillar	Cancer
4314486	Secondary malignant neoplasm of temporal bone	Cancer
4314484	Secondary malignant neoplasm of submaxillary gland	Cancer
4314480	Secondary malignant neoplasm of soft tissues of upper limb	Cancer
4314362	Secondary malignant neoplasm of soft tissues of buttock	Cancer
4314360	Secondary malignant neoplasm of skin of upper limb	Cancer
4314359	Secondary malignant neoplasm of skin of umbilicus	Cancer
4314358	Secondary malignant neoplasm of skin of toe	Cancer
4314355	Secondary malignant neoplasm of skin of shoulder	Cancer
4314351	Secondary malignant neoplasm of skin of groin	Cancer
4314350	Secondary malignant neoplasm of skin of ankle	Cancer
4314346	Secondary malignant neoplasm of sebaceous gland	Cancer
4314336	Secondary malignant neoplasm of posterior wall of urinary bladder	Cancer
4314314	Malignant mixed tumor of salivary gland	Cancer
4314199	Secondary malignant neoplasm of zygomatic bone	Cancer
4314189	Secondary malignant neoplasm of upper outer quadrant of female breast	Cancer
4314070	Secondary malignant neoplasm of trochlear nerve	Cancer
4314066	Secondary malignant neoplasm of tonsillar fossa	Cancer
4314049	Secondary malignant neoplasm of sphenoid bone	Cancer
4314046	Secondary malignant neoplasm of soft tissues of neck	Cancer
4313939	Secondary malignant neoplasm of soft tissues of inguinal region	Cancer
4313935	Secondary malignant neoplasm of skin of forearm	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4313932	Secondary malignant neoplasm of skin of chin	Cancer
4313928	Secondary malignant neoplasm of short bone of lower limb	Cancer
4313922	Secondary malignant neoplasm of posterior mediastinum	Cancer
4313912	Secondary malignant neoplasm of paravaginal lymph nodes	Cancer
4313911	Secondary malignant neoplasm of parathyroid gland	Cancer
4313803	Secondary malignant neoplasm of parametrium	Cancer
4313798	Secondary malignant neoplasm of myometrium	Cancer
4313797	Secondary malignant neoplasm of muscle of thorax	Cancer
4313794	Secondary malignant neoplasm of muscle of buttock	Cancer
4313229	Mixed cell type lymphosarcoma of intrathoracic lymph nodes	Cancer
4313226	Secondary malignant neoplasm of vulva	Cancer
4313224	Secondary malignant neoplasm of uveal tract	Cancer
4313223	Secondary malignant neoplasm of uterine adnexa	Cancer
4313222	Secondary malignant neoplasm of ureteric orifice of urinary bladder	Cancer
4313221	Secondary malignant neoplasm of urachus	Cancer
4313218	Secondary malignant neoplasm of trigeminal nerve	Cancer
4313216	Secondary malignant neoplasm of lower third of esophagus	Cancer
4313215	Secondary malignant neoplasm of long bone of upper limb	Cancer
4313210	Secondary malignant neoplasm of lateral wall of urinary bladder	Cancer
4313206	Secondary malignant neoplasm of lacrimal gland	Cancer
4313171	Malignant melanoma of skin of canthus of eye	Cancer
4313091	Secondary malignant neoplasm of jaw	Cancer
4313089	Secondary malignant neoplasm of inguinal region	Cancer
4313085	Secondary malignant neoplasm of hypoglossal nerve	Cancer
4312957	Secondary malignant neoplasm of fallopian tube	Cancer
4312956	Secondary malignant neoplasm of facial nerve	Cancer
4312946	Secondary malignant neoplasm of cranial nerve	Cancer
4312939	Secondary malignant neoplasm of cervical esophagus	Cancer
4312938	Secondary malignant neoplasm of central portion of female breast	Cancer
4312934	Secondary malignant neoplasm of cardia of stomach	Cancer
4312825	Secondary malignant neoplasm of calcaneus	Cancer
4312703	Secondary malignant neoplasm of anus	Cancer
4312702	Secondary malignant neoplasm of anterior wall of nasopharynx	Cancer
4312700	Secondary malignant neoplasm of anal canal	Cancer
4312694	Primary malignant neoplasm of thigh	Cancer
4312692	Primary malignant neoplasm of supraclavicular region	Cancer
4312690	Primary malignant neoplasm of soft tissues of perineum	Cancer
4312677	Primary malignant neoplasm of sclera	Cancer
4312676	Primary malignant neoplasm of sacrum	Cancer
4312566	Primary malignant neoplasm of rectovesical septum	Cancer
4312563	Secondary malignant neoplasm of patella	Cancer
4312555	Secondary malignant neoplasm of muscle of upper limb	Cancer
4312554	Secondary malignant neoplasm of muscle of shoulder	Cancer
4312553	Secondary malignant neoplasm of muscle of perineum	Cancer
4312552	Secondary malignant neoplasm of muscle of hip	Cancer
4312423	Secondary malignant neoplasm of flank	Cancer
4312301	Secondary malignant neoplasm of extrahepatic bile ducts	Cancer
4312300	Secondary malignant neoplasm of ethmoid bone	Cancer
4312286	Secondary malignant neoplasm of cecum	Cancer
4312278	Secondary malignant neoplasm of bone of face	Cancer
4312277	Secondary malignant neoplasm of body of uterus	Cancer
4312276	Secondary malignant neoplasm of blood vessel	Cancer
4312166	Secondary malignant neoplasm of blood vessel of perineum	Cancer
4312149	Secondary malignant neoplasm of anterior wall of urinary bladder	Cancer
4312039	Secondary malignant neoplasm of acoustic nerve	Cancer
4312033	Primary malignant neoplasm of vomer	Cancer
4312032	Primary malignant neoplasm of vestibule of nose	Cancer
4312026	Secondary malignant neoplasm of larynx	Cancer
4312019	Secondary malignant neoplasm of ilium	Cancer
4312018	Secondary malignant neoplasm of hepatic flexure of colon	Cancer
4312016	Secondary malignant neoplasm of hamate bone	Cancer
4312014	Secondary malignant neoplasm of frontal lobe	Cancer
4312012	Secondary malignant neoplasm of prepuce	Cancer
4311875	Secondary malignant neoplasm of descending colon	Cancer
4311760	Secondary malignant neoplasm of body of stomach	Cancer
4311758	Secondary malignant neoplasm of blood vessel of thorax	Cancer
4311756	Secondary malignant neoplasm of blood vessel of lower limb	Cancer
4311747	Secondary malignant neoplasm of blood vessel of buttock	Cancer
4311719	Primary Kaposi's sarcoma of oral cavity	Cancer
4311633	Secondary malignant neoplasm of adnexa of skin	Cancer
4311625	Primary malignant neoplasm of trigeminal nerve	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4311496	Primary malignant neoplasm of pelvic peritoneum	Cancer
4311491	Primary malignant neoplasm of muscle of shoulder	Cancer
4311490	Primary malignant neoplasm of muscle of pelvis	Cancer
4311488	Primary malignant neoplasm of muscle of lower limb	Cancer
4311486	Primary malignant neoplasm of muscle of buttock	Cancer
4311485	Primary malignant neoplasm of muscle of abdomen	Cancer
4311477	Primary malignant neoplasm of great vessels	Cancer
4311476	Primary malignant neoplasm of gingival mucosa	Cancer
4311341	Secondary malignant neoplasm of soft tissues of perineum	Cancer
4311339	Secondary malignant neoplasm of soft palate	Cancer
4311337	Secondary malignant neoplasm of skin of scalp	Cancer
4311333	Secondary malignant neoplasm of skin of forehead	Cancer
4311331	Secondary malignant neoplasm of skin of cheek	Cancer
4311327	Secondary malignant neoplasm of sacrococcygeal region	Cancer
4311324	Secondary malignant neoplasm of retina	Cancer
4311283	Malignant neoplasm of gum and contiguous sites	Cancer
4311212	Secondary malignant neoplasm of posterior wall of nasopharynx	Cancer
4310162	Undifferentiated large cell carcinomatosis	Cancer
4310135	Primary sarcoma of tongue	Cancer
4307000	Leukemic infiltration of orbit	Cancer
4301779	Granulocytic sarcoma affecting skin	Cancer
4301665	Leukemic infiltration of skin	Cancer
4301664	Spongiotic mycosis fungoides	Cancer
4301662	Tumor stage mycosis fungoides	Cancer
4301644	Epithelioid leiomyosarcoma of skin	Cancer
4300790	Malignant histiocytosis involving skin	Cancer
4300701	Precursor B-cell lymphoblastic lymphoma involving skin	Cancer
4300690	Malignant infiltration of skin by underlying tumor	Cancer
4300681	Cutaneous leiomyosarcoma with granular cell change	Cancer
4300679	Malignant Triton tumor	Cancer
4300574	Ceruminous gland adenocarcinoma	Cancer
4300572	Small cell eccrine carcinoma	Cancer
4300571	Malignant chondroid syringoma	Cancer
4300566	Balloon cell malignant melanoma	Cancer
4300559	Signet ring squamous cell carcinoma	Cancer
4300558	Acantholytic squamous cell carcinoma	Cancer
4299154	Leukemic infiltration of skin in chronic myeloid leukemia	Cancer
4299150	Angiocentric NK/T-cell malignant lymphoma involving skin	Cancer
4299148	CD-30 negative T-immunoblastic cutaneous lymphoma	Cancer
4299145	CD-30 positive pleomorphic large T-cell cutaneous lymphoma	Cancer
4299142	Pagetoid reticulosis	Cancer
4299140	Granulomatous mycosis fungoides	Cancer
4299132	Extrarenal rhabdoid tumor	Cancer
4298848	T-cell leukemic infiltration of skin	Cancer
4298847	Malignant tumor of nerve sheath origin	Cancer
4298739	Squamous cell carcinoma of nail apparatus	Cancer
4298238	Adipocytic liposarcoma	Cancer
4298153	Epithelioid malignant nerve sheath tumor	Cancer
4298149	Inflammatory malignant fibrous histiocytoma of skin	Cancer
4298147	Dermatofibrosarcoma protuberans with giant cell fibroblastoma	Cancer
4298129	Moll's gland adenocarcinoma	Cancer
4298127	Clear cell eccrine hidradenocarcinoma	Cancer
4297801	Materno-fetal metastatic malignant melanoma	Cancer
4297353	Leukemic infiltration of skin	Cancer
4297352	Localized pagetoid reticulosis	Cancer
4297351	Erythrodermic mycosis fungoides	Cancer
4297349	Metastasis involving oral cavity	Cancer
4297201	Kaposi's sarcoma - sporadic	Cancer
4297195	Undifferentiated adnexal carcinoma of skin	Cancer
4297193	Malignant eccrine spiradenoma	Cancer
4297192	Malignant cylindroma	Cancer
4295479	Arsenic-induced skin malignancy	Cancer
4295476	Radiation-induced skin malignancy	Cancer
4294431	Malignant neoplasm of subcutaneous fibrous tissue	Cancer
4293714	Localized skin involvement by breast carcinoma	Cancer
4291595	Hodgkin's disease affecting skin	Cancer
4291285	Malignant neoplasm of nail apparatus	Cancer
4291272	Malignant melanoma	Cancer
4289827	Malignant tumor involving vagina by direct extension from uterine cervix	Cancer
4289683	Malignant tumor involving left ovary by direct extension from uterine cervix	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4289680	Secondary malignant neoplasm of right fallopian tube	Cancer
4289676	Malignant tumor involving vagina by direct extension from endometrium	Cancer
4289674	Malignant tumor involving vagina by direct extension from uterus	Cancer
4289673	Malignant tumor involving uterine cervix by direct extension from fallopian tube	Cancer
4289524	Malignant tumor involving uterine corpus by separate metastasis from uterine cervix	Cancer
4289522	Malignant tumor involving right ovary by direct extension from vagina	Cancer
4289521	Malignant tumor involving left ovary by separate metastasis uterus	Cancer
4289390	Malignant tumor involving left fallopian tube by direct extension from uterus	Cancer
4289388	Primary malignant neoplasm of left fallopian tube	Cancer
4289377	Malignant tumor involving bladder by separate metastasis from endometrium	Cancer
4289373	Malignant tumor involving urethra by direct extension from bladder	Cancer
4289252	Malignant tumor involving ureter by separate metastasis from bladder	Cancer
4289251	Malignant tumor involving ureter by direct extension from bladder	Cancer
4289247	Malignant tumor involving rectum by direct extension from uterine cervix	Cancer
4289246	Malignant tumor involving rectum by direct extension from prostate	Cancer
4289102	Malignant tumor involving uterine corpus by direct extension from uterine cervix	Cancer
4289097	Malignant tumor involving bladder by direct extension from uterine cervix	Cancer
4289095	Malignant tumor involving rectum by separate metastasis from vagina	Cancer
4289093	Malignant tumor involving rectum by separate metastasis from ovary	Cancer
4289090	Malignant tumor involving rectum by direct extension from ovary	Cancer
4283886	Malignant tumor involving vagina by separate metastasis from uterus	Cancer
4283885	Malignant tumor involving vagina by separate metastasis from uterine cervix	Cancer
4283884	Malignant tumor involving vagina by separate metastasis from endometrium	Cancer
4283751	Malignant tumor involving left fallopian tube by separate metastasis from ovary	Cancer
4283750	Malignant tumor involving right ovary by direct extension from uterine cervix	Cancer
4283741	Malignant tumor involving seminal vesicle by separate metastasis from prostate	Cancer
4283740	Malignant tumor involving seminal vesicle by direct extension from prostate	Cancer
4283615	Malignant tumor involving bladder by separate metastasis from ovary	Cancer
4283613	Malignant tumor involving rectum by separate metastasis from uterus	Cancer
4281166	Malignant tumor involving vagina by separate metastasis from ovary	Cancer
4281164	Malignant tumor involving vagina by separate metastasis from bladder	Cancer
4281162	Malignant tumor involving uterine cervix by separate metastasis from vagina	Cancer
4281161	Malignant tumor involving right ovary by separate metastasis from left ovary	Cancer
4281032	Malignant tumor involving right ovary by direct extension from endometrium	Cancer
4281026	Malignant tumor involving left fallopian tube by direct extension from right fallopian tube	Cancer
4281019	Primary malignant neoplasm of seminal vesicle	Cancer
4280901	Malignant tumor involving bladder by direct extension from uterus	Cancer
4280898	Malignant tumor involving urethra by separate metastasis from bladder	Cancer
4269784	Stewart-Treves syndrome	Cancer
4264112	Mast cell malignancy of lymph nodes	Cancer
4258703	Primary squamous cell carcinoma of naris	Cancer
4248187	Secondary malignant neoplasm of occipital lymph nodes	Cancer
4248082	Secondary malignant neoplasm of muscle of neck	Cancer
4248077	Secondary malignant neoplasm of middle third of esophagus	Cancer
4248073	Secondary malignant neoplasm of main bronchus	Cancer
4248069	Secondary malignant neoplasm of laryngeal commissure	Cancer
4248063	Secondary malignant neoplasm of islets of Langerhans	Cancer
4248062	Secondary malignant neoplasm of ischium	Cancer
4247961	Secondary malignant neoplasm of fundus of stomach	Cancer
4247960	Secondary malignant neoplasm of fibula	Cancer
4247949	Secondary malignant neoplasm of endocervix	Cancer
4247946	Secondary malignant neoplasm of common bile duct	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4247851	Primary malignant neoplasm of phalanx of foot	Cancer
4247849	Primary malignant neoplasm of patella	Cancer
4247847	Primary malignant neoplasm of olfactory nerve	Cancer
4247843	Primary malignant neoplasm of nasal concha	Cancer
4247828	Primary malignant neoplasm of foot	Cancer
4247825	Primary malignant neoplasm of diaphragm	Cancer
4247821	Primary malignant neoplasm of carina	Cancer
4247720	Primary malignant neoplasm of blood vessel of abdomen	Cancer
4247360	Primary malignant neoplasm of the mesocolon	Cancer
4247357	Primary malignant neoplasm of soft tissues of head	Cancer
4247355	Primary malignant neoplasm of skin of wrist	Cancer
4247354	Primary malignant neoplasm of skin of temporal region	Cancer
4247345	Primary malignant neoplasm of skin of abdomen	Cancer
4247340	Primary malignant neoplasm of presacral region	Cancer
4247337	Primary malignant neoplasm of muscle of thorax	Cancer
4247332	Primary malignant neoplasm of ischium	Cancer
4247241	Primary malignant neoplasm of flank	Cancer
4247233	Primary malignant neoplasm of blood vessel of upper limb	Cancer
4247230	Primary malignant neoplasm of blood vessel of shoulder	Cancer
4246923	Primary malignant neoplasm of facial nerve	Cancer
4246810	Primary malignant neoplasm of ectopic male breast tissue	Cancer
4246809	Primary malignant neoplasm of coccygeal body	Cancer
4246795	Primary malignant neoplasm of upper arm	Cancer
4246791	Malignant melanoma of skin of popliteal area	Cancer
4246790	Malignant melanoma of skin of hip	Cancer
4246455	Secondary malignant neoplasm of carotid body	Cancer
4246454	Secondary malignant neoplasm of bronchus of right middle lobe	Cancer
4246452	Secondary malignant neoplasm of bronchus of left lower lobe	Cancer
4246368	Secondary malignant neoplasm of body of pancreas	Cancer
4246253	Secondary malignant neoplasm of adrenal medulla	Cancer
4246249	Primary malignant neoplasm of zygomatic bone	Cancer
4246234	Primary malignant neoplasm of skin of toe	Cancer
4246233	Primary malignant neoplasm of skin of perineum	Cancer
4246229	Primary malignant neoplasm of skin of elbow	Cancer
4246146	Primary malignant neoplasm of radius	Cancer
4246143	Primary malignant neoplasm of perirenal tissue	Cancer
4246142	Primary malignant neoplasm of periadrenal tissue	Cancer
4246139	Primary malignant neoplasm of para-aortic body	Cancer
4246135	Primary malignant neoplasm of muscle of perineum	Cancer
4246133	Primary malignant neoplasm of muscle of hip	Cancer
4246037	Primary malignant neoplasm of eustachian tube	Cancer
4246033	Primary malignant neoplasm of coccyx	Cancer
4246030	Primary malignant neoplasm of cervical vertebral column	Cancer
4246028	Primary malignant neoplasm of cartilage of nose	Cancer
4246026	Primary malignant neoplasm of bone of lower limb	Cancer
4246025	Primary malignant neoplasm of bone of face	Cancer
4246014	Primary malignant neoplasm of acromion	Cancer
4245465	Malignant melanoma of skin of ankle	Cancer
4237166	Malignant neoplasm of metatarsal bone of foot	Cancer
4230544	Krukenberg tumor	Cancer
4222722	Pericarditis secondary to tumor metastatic to pericardium	Cancer
4221907	Precursor T cell lymphoblastic leukemia/lymphoblastic lymphoma	Cancer
4218170	Malignant medulloepithelioma of ciliary body	Cancer
4217083	Malignant teratoma of undescended testis	Cancer
4215390	Aggressive lymphadenopathic mastocytosis with eosinophilia	Cancer
4214660	Multiple solitary plasmacytomas	Cancer
4201623	Metastasis from malignant tumor of buccal cavity	Cancer
4201484	Local recurrence of malignant tumor of cervix	Cancer
4201483	Local recurrence of malignant tumor of kidney	Cancer
4200888	Local recurrence of malignant tumor of liver	Cancer
4200887	Local recurrence of malignant tumor of stomach	Cancer
4197582	Squamous cell carcinoma of bronchus in right middle lobe	Cancer
4196267	Metastasis from malignant tumor of tongue	Cancer
4196255	Local recurrence of malignant tumor of gallbladder	Cancer
4196112	Retinal pigment epithelial adenocarcinoma	Cancer
4191491	Diaphyseal medullary stenosis with bone malignancy	Cancer
4189478	Metastatic neuroblastoma of orbit proper	Cancer
4183912	Malignant tumor involving an organ by direct extension from ovary	Cancer
4183911	Malignant tumor involving an organ by direct extension from endometrium	Cancer
4183744	Malignant tumor involving an organ by separate metastasis from fallopian tube	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4183631	Malignant tumor involving an organ by direct extension from bladder	Cancer
4183630	Malignant tumor involving vulva by separate metastasis from uterus	Cancer
4183629	Malignant tumor involving vulva by separate metastasis from uterine cervix	Cancer
4182916	Malignant tumor involving an organ by direct extension from uterine cervix	Cancer
4181331	Carcinoma of body of pancreas	Cancer
4180909	Malignant tumor of minor salivary gland	Cancer
4180798	Malignant tumor of myocardium	Cancer
4180797	Malignant tumor of endocardium	Cancer
4178978	Malignant tumor of aryepiglottic fold - laryngeal aspect	Cancer
4174769	Primary cerebral lymphoma	Cancer
4174136	Malignant peritoneal local recurrence	Cancer
4173962	Lymphoma with spill	Cancer
4173957	Splenic lymphoma with villous lymphocytes	Cancer
4168069	Carcinoma of tongue base - dorsal surface	Cancer
4162862	Primary malignant neoplasm of thoracic vertebral column	Cancer
4162249	Carcinoma of pelvic bones, sacrum and coccyx	Cancer
4162121	Malignant neoplasm of thoracic vertebral column	Cancer
4162120	Primary malignant neoplasm of the mesentery	Cancer
4162117	Primary malignant neoplasm of apex of urinary bladder	Cancer
4155170	Primary malignant neoplasm of laryngeal aspect of aryepiglottic fold	Cancer
4153657	Vaccine-induced fibrosarcoma	Cancer
4153344	Acute lymphoblastic leukemia, transitional pre-B-cell	Cancer
4146629	Hodgkin's disease, lymphocytic depletion, reticular type	Cancer
4146628	Hodgkin's disease, lymphocytic depletion, diffuse fibrosis	Cancer
4146032	Histiocytic medullary reticulosis	Cancer
4144199	Diffuse malignant lymphoma - centroblastic-centrocytic	Cancer
4143679	Hodgkin's disease, lymphocytic depletion of lymph nodes of head	Cancer
4143382	Subacute myeloid leukemia in remission	Cancer
4139554	Atypical hairy cell leukemia	Cancer
4126118	Leukemic infiltrate of kidney	Cancer
4121970	Malignant lymphoma, follicular center cell, non-cleaved	Cancer
4119131	Nodular malignant lymphoma, lymphocytic - well differentiated	Cancer
4116577	Metastasis to retroperitoneum of unknown primary	Cancer
4116575	Metastasis to pleura of unknown primary	Cancer
4116237	Malignant tumor of nasal cavity and nasopharynx	Cancer
4116218	Carcinoma ex pleomorphic adenoma of lacrimal gland	Cancer
4116082	Carcinoma of cervix stage 0	Cancer
4116076	Embryonal carcinoma of ovary	Cancer
4116063	Proliferating angioendotheliomatosis	Cancer
4115298	Malignant melanoma arising in congenital nevus	Cancer
4115297	Malignant skin tumor with apocrine differentiation	Cancer
4115265	Carcinoma of middle third of esophagus	Cancer
4114337	Malignant neoplasm of carpal bones	Cancer
4114215	Adenocarcinoma of non-pigmented epithelium of ciliary body	Cancer
4114199	Malignant tumor of optic nerve sheath	Cancer
4113636	Carcinoma of skin of head/neck	Cancer
4112979	Malignant hemangiopericytoma of orbit	Cancer
4112976	Mucoepidermoid tumor of lacrimal gland	Cancer
4112975	Adenocarcinoma of lacrimal gland	Cancer
4112968	Malignant astrocytoma of optic nerve	Cancer
4112964	Oligodendroglioma of spinal cord	Cancer
4112958	Malignant tumor of urethral stump	Cancer
4112803	Acute promyelocytic leukemia - hypogranular variant	Cancer
4112779	Metastasis to uterus of unknown primary	Cancer
4112775	Metastasis to spleen of unknown primary	Cancer
4112773	Metastasis to rectum of unknown primary	Cancer
4112772	Metastasis to large intestine of unknown primary	Cancer
4112771	Metastasis to heart of unknown primary	Cancer
4112607	Carcinoma of pylorus	Cancer
4112605	Carcinoma of upper third of esophagus	Cancer
4112585	Carcinoma of sublingual gland	Cancer
4112490	Metastasis to bladder of unknown primary	Cancer
4112489	Metastasis to ovary of unknown primary	Cancer
4112483	Metastasis to mediastinum of unknown primary	Cancer
4112482	Metastasis to bronchus of unknown primary	Cancer
4112451	Carcinoma of vermilion border of upper lip	Cancer
4112310	IgD myeloma	Cancer
4112073	Scirrhous carcinoma of breast	Cancer
4111807	Epithelioid hemangioendothelioma of lung	Cancer
4111799	Carcinoma of cervical part of esophagus	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4111797	Malignant tumor of parapharyngeal space	Cancer
4111654	Carcinoma of anterior part of floor of mouth	Cancer
4111653	Carcinoma of upper gum	Cancer
4111645	Carcinoma of frenum of lip	Cancer
4111033	Malignant infiltration of peripheral nerve	Cancer
4111025	Malignant neoplasm of metacarpal bones	Cancer
4111022	Malignant tumor of lateral nasal wall	Cancer
4111021	Overlapping malignant neoplasm of oral cavity and lips and salivary glands	Cancer
4110881	Papillary cystadenocarcinoma of kidney	Cancer
4110870	Endodermal sinus tumor of ovary	Cancer
4110740	Malignant hemangiopericytoma of skin	Cancer
4110731	Cutaneous fibrosarcoma	Cancer
4110727	Malignant melanoma arising in intradermal nevus	Cancer
4110723	Mucinous eccrine carcinoma	Cancer
4110590	Giant cell carcinoma of lung	Cancer
4110571	Carcinoma of fundus of stomach	Cancer
4110570	Carcinoma of cardia	Cancer
4110562	Malignant tumor of posterior commissure	Cancer
4110559	Malignant tumor of anterior commissure	Cancer
4110435	Malignant tumor of posterior margin of nasal septum and choanae	Cancer
4110430	Carcinoma of upper labial sulcus	Cancer
4110428	Carcinoma of lower buccal sulcus	Cancer
4110424	Carcinoma of lateral part of floor of mouth	Cancer
4110134	Metastasis to kidney of unknown primary	Cancer
4110133	Metastasis to vagina of unknown primary	Cancer
4109233	Metastasis to small intestine of unknown primary	Cancer
4097707	Subacute myelomonocytic leukemia	Cancer
4097573	Malignant immunoproliferative small intestinal disease	Cancer
4097426	Secondary malignant neoplasm of skin of shoulder and arm	Cancer
4096968	Mast cell malignancy of lymph nodes of multiple sites	Cancer
4096965	Malignant histiocytosis of lymph nodes of inguinal region and lower limb	Cancer
4096952	Secondary malignant neoplasm of epididymis and vas deferens	Cancer
4095764	Malignant neoplasm of connective tissue of orbit	Cancer
4095763	Malignant neoplasm of sclera	Cancer
4095583	Malignant neoplasm of first metatarsal bone	Cancer
4095581	Malignant neoplasm of medial cuneiform	Cancer
4095449	Malignant neoplasm of mucosa of trachea	Cancer
4095443	Malignant tumor of tympanic antrum	Cancer
4095441	Fibrosarcoma of spleen	Cancer
4095309	Malignant neoplasm of glossoepiglottic fold	Cancer
4095303	Malignant neoplasm of olfactory bulb	Cancer
4095300	Malignant neoplasm of tapetum	Cancer
4095295	Malignant neoplasm of crystalline lens	Cancer
4095025	Alpha heavy chain disease, respiratory form	Cancer
4095013	Malignant neoplasm of connective and soft tissue of lower leg	Cancer
4095007	Malignant neoplasm of fifth metatarsal bone	Cancer
4095006	Malignant neoplasm of second metatarsal bone	Cancer
4095005	Malignant neoplasm of navicular	Cancer
4094997	Malignant neoplasm of xiphoid process	Cancer
4094996	Malignant neoplasm of costovertebral joint	Cancer
4094716	Malignant tumor of upper buccal sulcus	Cancer
4094553	Aleukemic monocytic leukemia	Cancer
4094549	Aleukemic lymphoid leukemia	Cancer
4094406	Secondary malignant neoplasm of skin of hip and leg	Cancer
4094252	Malignant neoplasm of uncus	Cancer
4094020	Malignant tumor of lacrimal drainage structure	Cancer
4093646	Malignant tumor of frenum of upper lip	Cancer
4092529	Malignant neoplasm of extraocular muscle of orbit	Cancer
4092233	Malignant neoplasm of phalanges of foot	Cancer
4092228	Malignant neoplasm of first metacarpal bone	Cancer
4092227	Malignant neoplasm of carpal bone - capitate	Cancer
4092226	Malignant neoplasm of carpal bone - lunate	Cancer
4092209	Malignant neoplasm of nasal conchae	Cancer
4092069	Malignant neoplasm of sphincter of Oddi	Cancer
4092058	Malignant tumor of opening of auditory tube	Cancer
4091619	Malignant neoplasm of spinal dura mater	Cancer
4090229	Malignant tumor of lower labial sulcus	Cancer
4090227	Malignant tumor of lower buccal sulcus	Cancer
4090217	Malignant tumor of frenum of lower lip	Cancer
4089861	Malignant melanoma of external auditory meatus	Cancer

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4089774	Malignant neoplasm of tarsus of eyelid	Cancer
4089771	Malignant neoplasm of lateral cuneiform	Cancer
4089768	Malignant neoplasm of third metacarpal bone	Cancer
4089764	Malignant neoplasm of carpal bone - scaphoid	Cancer
4089762	Malignant neoplasm of costal cartilage	Cancer
4089667	Malignant neoplasm of mesorectum	Cancer
4084147	Metastatic malignant neoplasm to nasopharynx	Cancer
4083498	Pelvic neuroblastoma	Cancer
4082919	Endometrioid carcinoma of prostate	Cancer
4082481	Juvenile chronic myeloid leukemia	Cancer
4081542	Malignant infiltration of soft tissue	Cancer
4079280	Common acute lymphoblastic leukemia	Cancer
4055132	Secondary malignant neoplasm of nasopharyngeal wall	Cancer
4046873	Odontogenic ghost cell carcinoma	Cancer
4003023	Mesothelioma of mesentery	Cancer
4002345	Primary malignant neoplasm of peripheral nerves of head	Cancer
4001667	Mesothelioma of parietal peritoneum	Cancer
4001321	Primary malignant neoplasm of peripheral nerves of abdomen	Cancer
4001174	Mesothelioma of pelvic peritoneum	Cancer
765387	Malignant carcinoid tumor of pancreas	Cancer
765056	Malignant carcinoid tumor of lung	Cancer
764981	Primary malignant neoplasm of ileocecal valve	Cancer
764225	Recurrent malignant neoplastic disease	Cancer
762802	Malignant mesothelioma of the tunica vaginalis	Cancer
761917	Malignant carcinoid tumor of ileum	Cancer
761916	Malignant carcinoid tumor of appendix	Cancer
761082	Liposarcoma of retroperitoneum	Cancer
761047	Chordoma of thoracic spine	Cancer
761027	Secondary neuroendocrine carcinoma of peritoneum	Cancer
761021	Merkel cell carcinoma of trunk	Cancer
761020	Merkel cell carcinoma of scalp	Cancer
761019	Merkel cell carcinoma of neck	Cancer
760999	Primary malignant neuroendocrine neoplasm of large intestine	Cancer
760961	Malignant carcinoid tumor of duodenum	Cancer
760960	Malignant carcinoid tumor of jejunum	Cancer
760959	Malignant carcinoid tumor of cecum	Cancer
760958	Malignant carcinoid tumor of ascending colon	Cancer
759982	Secondary adenocarcinoma of kidney	Cancer
759938	Malignant melanoma metastatic to kidney	Cancer
444442	Burkitt's tumor of lymph nodes of inguinal region AND/OR lower limb	Cancer
442123	Primary malignant neoplasm of soft tissues of hip	Cancer
439685	Malignant neoplasm, overlapping lesion of digestive system	Cancer
439290	Hodgkin's granuloma of lymph nodes of axilla and upper limb	Cancer
439284	Hodgkin's disease, lymphocytic depletion of lymph nodes of axilla and upper limb	Cancer
439283	Hodgkin's disease, lymphocytic depletion of lymph nodes of inguinal region and lower limb	Cancer
439280	Hodgkin's disease, mixed cellularity of lymph nodes of axilla and upper limb	Cancer
201804	Hodgkin's disease, lymphocytic-histiocytic predominance of lymph nodes of inguinal region and lower limb	Cancer
196921	Hodgkin's sarcoma of lymph nodes of inguinal region and lower limb	Cancer
196058	Mast cell malignancy of intra-abdominal lymph nodes	Cancer
192269	Secondary carcinoma of gastrointestinal tract	Cancer
134294	Malignant melanoma of skin of external auditory canal	Cancer
132570	Leukemic reticuloendotheliosis of lymph nodes of head, face and neck	Cancer
193493	Benign hypertensive renal disease	Chronic kidney disease
312358	Chronic glomerulonephritis	Chronic kidney disease
4243625	Diffuse glomerulosclerosis of kidney due to diabetes mellitus	Chronic kidney disease
201313	Hypertensive renal disease	Chronic kidney disease
192359	Renal failure syndrome	Chronic kidney disease
4183446	Milk alkali syndrome	Chronic kidney disease
4260398	Minimal change disease	Chronic kidney disease
4163982	Subacute milk alkali syndrome	Chronic kidney disease
193782	End-stage renal disease	Chronic kidney disease
443919	Hypertensive renal failure	Chronic kidney disease
443961	Anemia of chronic renal failure	Chronic kidney disease
4178133	SLE glomerulonephritis syndrome, WHO class V	Chronic kidney disease
4239804	Chronic milk alkali syndrome	Chronic kidney disease
4241966	Mesangiocapillary glomerulonephritis, type II	Chronic kidney disease
4270049	Nodular type diabetic glomerulosclerosis	Chronic kidney disease

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

442766	Malignant hypertensive renal disease	Chronic kidney disease
442626	Benign hypertensive heart AND renal disease	Chronic kidney disease
442603	Malignant hypertensive heart AND renal disease	Chronic kidney disease
4287695	Primary IgA nephropathy	Chronic kidney disease
4294813	Mesangiocapillary glomerulonephritis, type I	Chronic kidney disease
252365	Membranous glomerulonephritis	Chronic kidney disease
4302748	Chronic hypertensive uremia	Chronic kidney disease
433257	Mesangiocapillary glomerulonephritis	Chronic kidney disease
4216685	Malignant arteriolar nephrosclerosis	Chronic kidney disease
195556	Hypertensive heart AND renal disease	Chronic kidney disease
198185	Chronic renal failure	Chronic kidney disease
4033463	Enamel-renal syndrome	Chronic kidney disease
192279	Disorder of kidney due to diabetes mellitus	Chronic kidney disease
439696	Hypertensive heart and renal disease with (congestive) heart failure	Chronic kidney disease
439695	Hypertensive heart and renal disease with renal failure	Chronic kidney disease
439694	Hypertensive heart and renal disease with both (congestive) heart failure and renal failure	Chronic kidney disease
4027121	Nephrotic syndrome due to diabetes mellitus	Chronic kidney disease
4056462	Chronic mesangial proliferative glomerulonephritis	Chronic kidney disease
442075	Chronic glomerulonephritis associated with another disorder	Chronic kidney disease
4056463	Chronic exudative glomerulonephritis	Chronic kidney disease
4027124	Chronic focal glomerulonephritis	Chronic kidney disease
4027125	Chronic diffuse glomerulonephritis	Chronic kidney disease
442074	Focal membranoproliferative glomerulonephritis	Chronic kidney disease
4056478	Chronic nephritic syndrome	Chronic kidney disease
4054993	Chronic nephritic syndrome, minor glomerular abnormality	Chronic kidney disease
4056479	Chronic nephritic syndrome, focal and segmental glomerular lesions	Chronic kidney disease
4059463	Chronic nephritic syndrome, diffuse endocapillary proliferative glomerulonephritis	Chronic kidney disease
4059584	Chronic nephritic syndrome, diffuse mesangiocapillary glomerulonephritis	Chronic kidney disease
4055899	Chronic nephritic syndrome, dense deposit disease	Chronic kidney disease
4056480	Chronic nephritic syndrome, diffuse crescentic glomerulonephritis	Chronic kidney disease
4121264	Epstein syndrome	Chronic kidney disease
4125960	Steroid-sensitive minimal change glomerulonephritis	Chronic kidney disease
4125961	Steroid-resistant minimal change glomerulonephritis	Chronic kidney disease
4125962	Steroid-dependent minimal change glomerulonephritis	Chronic kidney disease
4030513	Focal segmental glomerulosclerosis	Chronic kidney disease
4128059	Classical focal segmental glomerulosclerosis	Chronic kidney disease
4126302	Hyperfiltration focal segmental glomerulosclerosis	Chronic kidney disease
4128061	IgA nephropathy	Chronic kidney disease
4128062	Mesangiocapillary glomerulonephritis type III	Chronic kidney disease
4128063	IgM nephropathy	Chronic kidney disease
4030514	C1q nephropathy	Chronic kidney disease
4125966	Membranous glomerulonephritis - stage I	Chronic kidney disease
4126303	Membranous glomerulonephritis - stage II	Chronic kidney disease
4126304	Membranous glomerulonephritis - stage III	Chronic kidney disease
4030515	Membranous glomerulonephritis - stage IV	Chronic kidney disease
4030516	Membranous glomerulonephritis stage V	Chronic kidney disease
4128200	End stage renal failure untreated by renal replacement therapy	Chronic kidney disease
4030520	End stage renal failure on dialysis	Chronic kidney disease
4125970	End stage renal failure with renal transplant	Chronic kidney disease
4128221	Microalbuminuric diabetic nephropathy	Chronic kidney disease
4030664	Proteinuric nephropathy due to diabetes mellitus	Chronic kidney disease
4149398	Congenital renal failure	Chronic kidney disease
4153876	Renal failure as a complication of care	Chronic kidney disease
4170452	Postoperative renal failure	Chronic kidney disease
4104770	IgA nephropathy associated with liver disease	Chronic kidney disease
4206115	Glomerulopathy due to diabetes mellitus	Chronic kidney disease
4147577	Intracapillary glomerulosclerosis of kidney due to diabetes mellitus	Chronic kidney disease
4150547	Anemia secondary to renal failure	Chronic kidney disease
4151946	Kimmelstiel-Wilson syndrome	Chronic kidney disease
443731	Renal disorder due to type 2 diabetes mellitus	Chronic kidney disease
4222553	Persistent proteinuria due to type 1 diabetes mellitus	Chronic kidney disease
4221487	Persistent microalbuminuria due to type 2 diabetes mellitus	Chronic kidney disease
4222687	Persistent microalbuminuria due to type 1 diabetes mellitus	Chronic kidney disease
200687	Renal disorder due to type 1 diabetes mellitus	Chronic kidney disease
4223739	Persistent proteinuria due to type 2 diabetes mellitus	Chronic kidney disease
4322556	Chronic progressive renal failure	Chronic kidney disease
4137220	Diabetic glomerulonephritis	Chronic kidney disease
443614	Chronic kidney disease stage 1	Chronic kidney disease
443601	Chronic kidney disease stage 2	Chronic kidney disease

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

443612	Chronic kidney disease stage 4	Chronic kidney disease
443597	Chronic kidney disease stage 3	Chronic kidney disease
443611	Chronic kidney disease stage 5	Chronic kidney disease
40481596	Autosomal dominant focal segmental glomerulosclerosis	Chronic kidney disease
40482458	Macroalbuminuric nephropathy due to diabetes mellitus	Chronic kidney disease
40483353	Autosomal recessive focal segmental glomerulosclerosis	Chronic kidney disease
40483372	Familial immunoglobulin A nephropathy	Chronic kidney disease
44784439	Benign hypertensive renal disease with renal failure	Chronic kidney disease
45763854	Chronic kidney disease stage 3A	Chronic kidney disease
45763855	Chronic kidney disease stage 3B	Chronic kidney disease
45772751	Hypertension concurrent and due to end stage renal disease on dialysis	Chronic kidney disease
45772914	Glomerulosclerosis of kidney due to diabetes mellitus	Chronic kidney disease
45768812	Anemia in chronic kidney disease	Chronic kidney disease
45768813	Anemia in end stage renal disease	Chronic kidney disease
46271022	Chronic kidney disease	Chronic kidney disease
46273164	End stage renal disease due to benign hypertension	Chronic kidney disease
37017104	Chronic kidney disease mineral and bone disorder	Chronic kidney disease
37017425	Renal failure syndrome co-occurrent with human immunodeficiency virus infection	Chronic kidney disease
37017586	Focal segmental glomerulosclerosis co-occurrent with human immunodeficiency virus infection	Chronic kidney disease
37017813	Chronic kidney disease stage 5 on dialysis	Chronic kidney disease
37018761	Chronic kidney disease stage 5 with transplant	Chronic kidney disease
37018341	Recurrent hematuria co-occurrent and due to dense deposit disease	Chronic kidney disease
37018343	Recurrent hematuria co-occurrent and due to diffuse crescentic glomerulonephritis	Chronic kidney disease
36716176	Malignancy-associated membranous nephropathy	Chronic kidney disease
36716184	Chronic kidney disease following donor nephrectomy	Chronic kidney disease
36716199	Idiopathic membranous glomerulonephritis	Chronic kidney disease
36717534	Chronic kidney disease following excision of renal neoplasm	Chronic kidney disease
36717349	Chronic kidney disease due to systemic infection	Chronic kidney disease
36716231	Infection-associated membranous nephropathy	Chronic kidney disease
36716455	Chronic kidney disease due to traumatic loss of kidney	Chronic kidney disease
36716649	Complement component 3 glomerulopathy	Chronic kidney disease
36717583	Dense deposit disease	Chronic kidney disease
36716651	Complement component 3 glomerulonephritis	Chronic kidney disease
36716947	Chronic renal insufficiency	Chronic kidney disease
43531562	Chronic kidney disease stage 5 due to type 2 diabetes mellitus	Chronic kidney disease
43531577	Chronic kidney disease stage 4 due to type 2 diabetes mellitus	Chronic kidney disease
43531653	Chronic kidney disease stage 3 due to type 2 diabetes mellitus	Chronic kidney disease
43531566	Chronic kidney disease stage 2 due to type 2 diabetes mellitus	Chronic kidney disease
43531559	Chronic kidney disease stage 1 due to type 2 diabetes mellitus	Chronic kidney disease
43531578	Chronic kidney disease due to type 2 diabetes mellitus	Chronic kidney disease
42872405	Anemia, pre-end stage renal disease on erythropoietin protocol	Chronic kidney disease
44784621	Hypertensive heart and chronic kidney disease	Chronic kidney disease
44782728	Hypertensive heart AND chronic kidney disease with congestive heart failure	Chronic kidney disease
45757535	Microalbuminuria due to type 1 diabetes mellitus	Chronic kidney disease
46270347	Chronic nephritic syndrome with membranous glomerulonephritis	Chronic kidney disease
45771064	Hypertension in chronic kidney disease due to type 2 diabetes mellitus	Chronic kidney disease
45769828	Nephrotic syndrome due to type 2 diabetes mellitus	Chronic kidney disease
45771067	Hypertension in chronic kidney disease due to type 1 diabetes mellitus	Chronic kidney disease
45769829	Nephrotic syndrome due to type 1 diabetes mellitus	Chronic kidney disease
45773576	Chronic kidney disease stage 1 due to type 1 diabetes mellitus	Chronic kidney disease
45769901	Chronic kidney disease stage 2 due to type 1 diabetes mellitus	Chronic kidney disease
45771075	Chronic kidney disease stage 3 due to type 1 diabetes mellitus	Chronic kidney disease
45769902	Chronic kidney disease stage 4 due to type 1 diabetes mellitus	Chronic kidney disease
45769903	Chronic kidney disease stage 5 due to type 1 diabetes mellitus	Chronic kidney disease
45769904	End stage renal disease on dialysis due to type 1 diabetes mellitus	Chronic kidney disease
45769905	Microalbuminuria due to type 2 diabetes mellitus	Chronic kidney disease
45769906	End stage renal disease on dialysis due to type 2 diabetes mellitus	Chronic kidney disease
45773688	Chronic kidney disease due to type 1 diabetes mellitus	Chronic kidney disease
44784637	Hypertensive heart AND chronic kidney disease on dialysis	Chronic kidney disease
44784638	Hypertensive heart AND chronic kidney disease stage 5	Chronic kidney disease
44784639	Hypertensive heart AND chronic kidney disease stage 4	Chronic kidney disease
43021835	Hypertensive heart AND chronic kidney disease stage 3	Chronic kidney disease
43021836	Hypertensive heart AND chronic kidney disease stage 2	Chronic kidney disease
44784640	Hypertensive heart AND chronic kidney disease stage 1	Chronic kidney disease
44782429	Chronic kidney disease due to hypertension	Chronic kidney disease

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

37018886	End stage renal disease due to hypertension	Chronic kidney disease
44782703	Chronic kidney disease stage 1 due to hypertension	Chronic kidney disease
760850	Benign hypertensive heart disease and chronic renal disease stage 5	Chronic kidney disease
45757392	Hypertension concurrent and due to end stage renal disease on dialysis due to type 2 diabetes mellitus	Chronic kidney disease
45757393	Hypertension concurrent and due to end stage renal disease on dialysis due to type 1 diabetes mellitus	Chronic kidney disease
44782689	Chronic kidney disease stage 4 due to hypertension	Chronic kidney disease
44782690	Chronic kidney disease stage 5 due to hypertension	Chronic kidney disease
44782691	Chronic kidney disease stage 3 due to hypertension	Chronic kidney disease
44782692	Chronic kidney disease stage 2 due to hypertension	Chronic kidney disease
45757444	Hypertension in chronic kidney disease stage 5 due to type 2 diabetes mellitus	Chronic kidney disease
45757445	Hypertension in chronic kidney disease stage 4 due to type 2 diabetes mellitus	Chronic kidney disease
45757446	Hypertension in chronic kidney disease stage 3 due to type 2 diabetes mellitus	Chronic kidney disease
45757447	Hypertension in chronic kidney disease stage 2 due to type 2 diabetes mellitus	Chronic kidney disease
43020437	Malignant hypertensive chronic kidney disease stage 5	Chronic kidney disease
44782717	End stage renal disease on dialysis due to hypertension	Chronic kidney disease
45757499	Proteinuria due to type 2 diabetes mellitus	Chronic kidney disease
45770906	Chronic proliferative glomerulonephritis	Chronic kidney disease
45757604	Proteinuria due to type 1 diabetes mellitus	Chronic kidney disease
46270353	Chronic kidney disease due to benign hypertension	Chronic kidney disease
46270354	Chronic kidney disease stage 1 due to benign hypertension	Chronic kidney disease
46270355	Chronic kidney disease stage 2 due to benign hypertension	Chronic kidney disease
46273636	Chronic kidney disease stage 3 due to benign hypertension	Chronic kidney disease
46273514	Chronic kidney disease stage 4 due to benign hypertension	Chronic kidney disease
46270356	Chronic kidney disease stage 5 due to benign hypertension	Chronic kidney disease
762001	Benign hypertensive heart disease and chronic renal disease stage 3	Chronic kidney disease
765536	Benign hypertensive heart disease and chronic renal disease stage 4	Chronic kidney disease
43021852	Malignant hypertensive chronic kidney disease	Chronic kidney disease
43020455	Malignant hypertensive end stage renal disease	Chronic kidney disease
43021853	Malignant hypertensive chronic kidney disease stage 1	Chronic kidney disease
43021854	Malignant hypertensive chronic kidney disease stage 2	Chronic kidney disease
43020456	Malignant hypertensive chronic kidney disease stage 3	Chronic kidney disease
43020457	Malignant hypertensive chronic kidney disease stage 4	Chronic kidney disease
43021864	Malignant hypertensive end stage renal disease on dialysis	Chronic kidney disease
45757745	Hereditary mesangiocapillary glomerulonephritis, type 2	Chronic kidney disease
45757748	Hereditary diffuse mesangial proliferative glomerulonephritis	Chronic kidney disease
37016362	Nephrotic syndrome co-occurrent and due to membranoproliferative glomerulonephritis type III	Chronic kidney disease
37016364	Isolated proteinuria co-occurrent and due to membranoproliferative glomerulonephritis type III	Chronic kidney disease
762973	Hypertensive end stage renal disease	Chronic kidney disease
764011	Benign hypertensive heart disease and chronic renal disease	Chronic kidney disease
37019193	Anemia co-occurrent and due to chronic kidney disease stage 3	Chronic kidney disease
255573	Chronic obstructive lung disease	COPD
257004	Acute exacerbation of chronic obstructive airways disease	COPD
261325	Pulmonary emphysema	COPD
4110056	Chronic obstructive pulmonary disease with acute lower respiratory infection	COPD
4115044	Acute infective exacerbation of chronic obstructive airways disease	COPD
4286497	Centriacinar emphysema	COPD
259043	Emphysematous bleb of lung	COPD
4177944	Panacinar emphysema	COPD
440748	Interstitial emphysema of lung	COPD
4193588	Moderate chronic obstructive pulmonary disease	COPD
261895	Compensatory emphysema	COPD
4196712	Mild chronic obstructive pulmonary disease	COPD
4209097	Severe chronic obstructive pulmonary disease	COPD
46274062	Asthma-chronic obstructive pulmonary disease overlap syndrome	COPD
46269701	Chronic obstructive lung disease co-occurrent with acute bronchitis	COPD
4063381	Chronic disease of respiratory system	COPD
4110048	Chronic bullous emphysema	COPD
4046986	End stage chronic obstructive airways disease	COPD
43530693	Acute exacerbation of chronic obstructive airways disease with asthma	COPD
44782563	Pulmonary hypertension due to chronic obstructive pulmonary disease	COPD
4056405	Obstructive emphysema	COPD

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4136683	Paraseptal emphysema	COPD
4104506	Cystic-bullous disease of the lung	COPD
4050732	Pulmonary emphysema in alpha-1 PI deficiency	COPD
4050961	Giant bullous emphysema	COPD
45769389	Pulmonary emphysema co-occurrent with fibrosis of lung	COPD
4166517	Chronic obliterative bronchiolitis	COPD
4288734	Bronchiolar disease	COPD
4166508	Congenital emphysema	COPD
4138392	Chronic obliterative bronchiolitis due to inhalation of chemical fumes AND/OR vapors	COPD
4050734	Scar emphysema	COPD
4050733	Toxic emphysema	COPD
4145496	Bullous emphysema with collapse	COPD
4148124	Atrophic (senile) emphysema	COPD
4278831	Chronic diffuse emphysema due to inhalation of chemical fumes AND/OR vapors	COPD
4110635	Segmental bullous emphysema	COPD
4315386	Ruptured emphysematous bleb of lung	COPD
4112836	Chronic emphysema due to chemical fumes	COPD
4112828	Zonal bullous emphysema	COPD
4083395	Vanishing lung	COPD
44791725	Very severe chronic obstructive pulmonary disease	COPD
315286	Chronic ischemic heart disease	Coronary artery disease
317576	Coronary arteriosclerosis	Coronary artery disease
319844	Acute ischemic heart disease	Coronary artery disease
4185932	Ischemic heart disease	Coronary artery disease
4155007	Multi vessel coronary artery disease	Coronary artery disease
4187067	Disorder of coronary artery	Coronary artery disease
4145696	Ischemic congestive cardiomyopathy	Coronary artery disease
4185302	Chronic myocardial ischemia	Coronary artery disease
45766164	Heart failure with reduced ejection fraction	Coronary artery disease
43020660	Ischemic dilated cardiomyopathy due to coronary artery disease	Coronary artery disease
4155962	Left main coronary artery disease	Coronary artery disease
36712982	Unstable angina co-occurrent and due to coronary arteriosclerosis	Coronary artery disease
4263712	Subendocardial ischemia	Coronary artery disease
4134586	Chronic heart disease	Coronary artery disease
4119951	Accelerated coronary artery disease in transplanted heart	Coronary artery disease
4168972	Obliterative coronary artery disease	Coronary artery disease
36712983	Angina co-occurrent and due to coronary arteriosclerosis	Coronary artery disease
45766165	Heart failure with reduced ejection fraction due to coronary artery disease	Coronary artery disease
37017177	Subacute ischemic heart disease	Coronary artery disease
45766117	Silent coronary vasospastic disease	Coronary artery disease
443614	Chronic kidney disease stage 1	eGFR clinical code Stage 1
43021853	Malignant hypertensive chronic kidney disease stage 1	eGFR clinical code Stage 1
43531559	Chronic kidney disease stage 1 due to type 2 diabetes mellitus	eGFR clinical code Stage 1
44784640	Hypertensive heart AND chronic kidney disease stage 1	eGFR clinical code Stage 1
46270354	Chronic kidney disease stage 1 due to benign hypertension	eGFR clinical code Stage 1
44782703	Chronic kidney disease stage 1 due to hypertension	eGFR clinical code Stage 1
443601	Chronic kidney disease stage 2	eGFR clinical code Stage 2
43531566	Chronic kidney disease stage 2 due to type 2 diabetes mellitus	eGFR clinical code Stage 2
46270355	Chronic kidney disease stage 2 due to benign hypertension	eGFR clinical code Stage 2
43021836	Hypertensive heart AND chronic kidney disease stage 2	eGFR clinical code Stage 2
44782692	Chronic kidney disease stage 2 due to hypertension	eGFR clinical code Stage 2
45757447	Hypertension in chronic kidney disease stage 2 due to type 2 diabetes mellitus	eGFR clinical code Stage 2
43021854	Malignant hypertensive chronic kidney disease stage 2	eGFR clinical code Stage 2
443597	Chronic kidney disease stage 3	eGFR clinical code Stage 3
43531653	Chronic kidney disease stage 3 due to type 2 diabetes mellitus	eGFR clinical code Stage 3
45763854	Chronic kidney disease stage 3A	eGFR clinical code Stage 3
44782691	Chronic kidney disease stage 3 due to hypertension	eGFR clinical code Stage 3
46273636	Chronic kidney disease stage 3 due to benign hypertension	eGFR clinical code Stage 3
43021835	Hypertensive heart AND chronic kidney disease stage 3	eGFR clinical code Stage 3
37019193	Anemia co-occurrent and due to chronic kidney disease stage 3	eGFR clinical code Stage 3
45763855	Chronic kidney disease stage 3B	eGFR clinical code Stage 3
43020456	Malignant hypertensive chronic kidney disease stage 3	eGFR clinical code Stage 3
45757446	Hypertension in chronic kidney disease stage 3 due to type 2 diabetes mellitus	eGFR clinical code Stage 3
762001	Benign hypertensive heart disease and chronic renal disease stage 3	eGFR clinical code Stage 3
443612	Chronic kidney disease stage 4	eGFR clinical code Stage 4
43531577	Chronic kidney disease stage 4 due to type 2 diabetes mellitus	eGFR clinical code Stage 4
44782689	Chronic kidney disease stage 4 due to hypertension	eGFR clinical code Stage 4

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

44784639	Hypertensive heart AND chronic kidney disease stage 4	eGFR clinical code Stage 4
37398911	Anemia in chronic kidney disease stage 4	eGFR clinical code Stage 4
43020457	Malignant hypertensive chronic kidney disease stage 4	eGFR clinical code Stage 4
46273514	Chronic kidney disease stage 4 due to benign hypertension	eGFR clinical code Stage 4
45757445	Hypertension in chronic kidney disease stage 4 due to type 2 diabetes mellitus	eGFR clinical code Stage 4
765536	Benign hypertensive heart disease and chronic renal disease stage 4	eGFR clinical code Stage 4
44782690	Chronic kidney disease stage 5 due to hypertension	eGFR clinical code Stage 5
443611	Chronic kidney disease stage 5	eGFR clinical code Stage 5
44784638	Hypertensive heart AND chronic kidney disease stage 5	eGFR clinical code Stage 5
37017813	Chronic kidney disease stage 5 on dialysis	eGFR clinical code Stage 5
43531562	Chronic kidney disease stage 5 due to type 2 diabetes mellitus	eGFR clinical code Stage 5
45757444	Hypertension in chronic kidney disease stage 5 due to type 2 diabetes mellitus	eGFR clinical code Stage 5
46270356	Chronic kidney disease stage 5 due to benign hypertension	eGFR clinical code Stage 5
43020437	Malignant hypertensive chronic kidney disease stage 5	eGFR clinical code Stage 5
760850	Benign hypertensive heart disease and chronic renal disease stage 5	eGFR clinical code Stage 5
37018761	Chronic kidney disease stage 5 with transplant	eGFR clinical code Stage 5
437541	Glaucoma	Eye Disease
376966	Exudative age-related macular degeneration	Eye Disease
372629	Nonexudative age-related macular degeneration	Eye Disease
379010	Epiretinal membrane	Eye Disease
437851	Open angle with borderline intraocular pressure	Eye Disease
4102183	Borderline glaucoma	Eye Disease
4109420	Open-angle glaucoma - borderline	Eye Disease
381290	Ocular hypertension	Eye Disease
376115	Cystoid macular retinal degeneration	Eye Disease
432312	Chronic angle-closure glaucoma	Eye Disease
4288370	Severe visual impairment	Eye Disease
435543	Primary angle-closure glaucoma	Eye Disease
43531583	Visual disturbance as sequela of cerebrovascular disease	Eye Disease
435809	Steroid-induced glaucoma - borderline	Eye Disease
377848	Toxic maculopathy	Eye Disease
377277	Impairment level: total impairment of both eyes	Eye Disease
374930	Impairment level: profound impairment of both eyes	Eye Disease
374937	Impairment level: better eye: near-total impairment: lesser-eye: not further specified	Eye Disease
372317	Impairment level: better eye: near-total impairment: lesser eye: total impairment	Eye Disease
381007	Impairment level: better eye: profound impairment: lesser eye: not further specified	Eye Disease
381018	Impairment level: better eye: profound impairment: lesser eye: total impairment	Eye Disease
376693	Impairment level: better eye: profound impairment: lesser eye: near-total impairment	Eye Disease
4191001	Angle-closure glaucoma	Eye Disease
4090255	Retinal drusen	Eye Disease
4318985	Degeneration of retina	Eye Disease
40481141	Anatomical narrow angle glaucoma with borderline intraocular pressure	Eye Disease
4158245	Disorder of intraocular pressure	Eye Disease
42538611	Acute headache due to traumatic injury of head	Head Injury
4014656	Brain contusion with open intracranial wound, with more than 1 hour loss of consciousness	Head Injury
4014655	Brain contusion with open intracranial wound, with no loss of consciousness	Head Injury
438590	Brain injury with open intracranial wound	Head Injury
441703	Brain injury with open intracranial wound AND brief loss of consciousness	Head Injury
435681	Brain injury with open intracranial wound AND concussion	Head Injury
440551	Brain injury with open intracranial wound AND loss of consciousness	Head Injury
439945	Brain injury with open intracranial wound AND moderate loss of consciousness	Head Injury
438280	Brain injury with open intracranial wound AND no loss of consciousness	Head Injury
439943	Brain injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
434504	Brain injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
4234112	Brain injury without open intracranial wound	Head Injury

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4331317	Brain injury without open intracranial wound AND with brief loss of consciousness	Head Injury
373056	Brain injury without open intracranial wound AND with concussion	Head Injury
381978	Brain injury without open intracranial wound AND with loss of consciousness	Head Injury
443944	Brain injury without open intracranial wound AND with moderate loss of consciousness	Head Injury
4195439	Brain injury without open intracranial wound AND with no loss of consciousness	Head Injury
375366	Brain injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) with return to pre-existing conscious level	Head Injury
381416	Brain injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
4191596	Brain injury, without skull fracture	Head Injury
4133021	Brain stem contusion	Head Injury
444248	Brain stem contusion with open intracranial wound	Head Injury
442302	Brain stem contusion with open intracranial wound AND brief loss of consciousness	Head Injury
442616	Brain stem contusion with open intracranial wound AND loss of consciousness	Head Injury
443762	Brain stem contusion with open intracranial wound AND moderate loss of consciousness	Head Injury
442279	Brain stem contusion with open intracranial wound AND no loss of consciousness	Head Injury
443886	Brain stem contusion with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
442327	Brain stem contusion with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
442280	Brain stem contusion without open intracranial wound	Head Injury
442260	Brain stem contusion without open intracranial wound AND with brief loss of consciousness	Head Injury
375680	Brain stem contusion without open intracranial wound AND with concussion	Head Injury
443798	Brain stem contusion without open intracranial wound AND with loss of consciousness	Head Injury
444047	Brain stem contusion without open intracranial wound AND with moderate loss of consciousness	Head Injury
444061	Brain stem contusion without open intracranial wound AND with no loss of consciousness	Head Injury
444088	Brain stem contusion without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
442607	Brain stem contusion without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
4132548	Brain stem laceration	Head Injury
444217	Brain stem laceration with open intracranial wound	Head Injury
442548	Brain stem laceration with open intracranial wound AND brief loss of consciousness	Head Injury
442318	Brain stem laceration with open intracranial wound AND concussion	Head Injury
443799	Brain stem laceration with open intracranial wound AND loss of consciousness	Head Injury
442265	Brain stem laceration with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
442621	Brain stem laceration with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
444398	Brain stem laceration without open intracranial wound	Head Injury
4133020	Cerebellar contusion	Head Injury
434506	Cerebellar contusion with open intracranial wound	Head Injury
439170	Cerebellar contusion with open intracranial wound AND concussion	Head Injury
441439	Cerebellar contusion with open intracranial wound AND no loss of consciousness	Head Injury
434190	Cerebellar contusion without open intracranial wound	Head Injury
437697	Cerebellar contusion without open intracranial wound AND with brief loss of consciousness	Head Injury
443931	Cerebellar contusion without open intracranial wound AND with concussion	Head Injury

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

434191	Cerebellar contusion without open intracranial wound AND with moderate loss of consciousness	Head Injury
435679	Cerebellar contusion without open intracranial wound AND with no loss of consciousness	Head Injury
433049	Cerebellar contusion without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
4133716	Cerebellar laceration	Head Injury
4094846	Cerebellar laceration and contusion	Head Injury
435953	Cerebellar laceration with open intracranial wound	Head Injury
444266	Cerebellar laceration with open intracranial wound AND moderate loss of consciousness	Head Injury
440235	Cerebellar laceration with open intracranial wound AND no loss of consciousness	Head Injury
434197	Cerebellar laceration without open intracranial wound	Head Injury
433892	Cerebellar laceration without open intracranial wound AND with brief loss of consciousness	Head Injury
442567	Cerebellar laceration without open intracranial wound AND with concussion	Head Injury
440560	Cerebellar laceration without open intracranial wound AND with loss of consciousness	Head Injury
443924	Cerebellar laceration without open intracranial wound AND with moderate loss of consciousness	Head Injury
438893	Cerebellar laceration without open intracranial wound AND with no loss of consciousness	Head Injury
438589	Cerebellar laceration without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
442760	Cerebellar laceration without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
4264035	Cerebral compression due to injury	Head Injury
376552	Cerebral laceration and contusion	Head Injury
4170449	Cerebral trauma	Head Injury
4016961	Closed cerebral contusion	Head Injury
40488380	Closed depressed fracture of skull	Head Injury
433039	Closed fracture of alveolar border of body of mandible	Head Injury
4003191	Closed fracture of alveolar ridge of maxilla	Head Injury
378573	Closed fracture of base of skull with cerebral laceration AND/OR contusion	Head Injury
44784469	Closed fracture of base of skull with concussion	Head Injury
438873	Closed fracture of base of skull with intracranial hemorrhage	Head Injury
433602	Closed fracture of base of skull with intracranial injury	Head Injury
437990	Closed fracture of base of skull with intracranial injury, with no loss of consciousness	Head Injury
44784468	Closed fracture of base of skull with loss of consciousness	Head Injury
433606	Closed fracture of base of skull without intracranial injury	Head Injury
4159165	Closed fracture of skull	Head Injury
40483811	Closed fracture of vault of skull	Head Injury
374753	Closed fracture of vault of skull with cerebral laceration AND/OR contusion	Head Injury
44784465	Closed fracture of vault of skull with concussion	Head Injury
434166	Closed fracture of vault of skull with intracranial hemorrhage	Head Injury
437105	Closed fracture of vault of skull with intracranial injury, with no loss of consciousness	Head Injury
44784464	Closed fracture of vault of skull with loss of consciousness	Head Injury
441133	Closed fracture of vault of skull without intracranial injury	Head Injury
4165868	Closed fracture of zygoma	Head Injury
4150497	Closed fracture of zygomatic arch	Head Injury
4001332	Closed fracture of zygomatic tripod	Head Injury
438575	Closed fracture vault of skull with intracranial injury	Head Injury
4019350	Closed hindbrain contusion	Head Injury
42873007	Closed injury of head	Head Injury
4003841	Closed pyramidal fracture of maxilla	Head Injury
440850	Closed skull fracture with cerebral laceration AND/OR contusion	Head Injury
440537	Closed skull fracture with intracranial hemorrhage	Head Injury
435662	Closed skull fracture with intracranial injury	Head Injury
432742	Closed skull fracture without intracranial injury	Head Injury
4014781	Closed traumatic subdural hemorrhage	Head Injury
4339479	Complex fracture of temporal bone	Head Injury
4001336	Concussion injury of brain	Head Injury
40492393	Concussion injury of cerebrum	Head Injury

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4016958	Concussion with 1-24 hours loss of consciousness	Head Injury
4019263	Concussion with less than 1 hour loss of consciousness	Head Injury
375671	Concussion with loss of consciousness	Head Injury
4297140	Concussion with mental confusion AND/OR disorientation without loss of consciousness	Head Injury
4019264	Concussion with more than 24 hours loss of consciousness and return to pre-existing conscious level	Head Injury
4016959	Concussion with more than 24 hours loss of consciousness without return to pre-existing conscious level	Head Injury
4146496	Contusion of brain	Head Injury
4222768	Contusion of brain with open intracranial wound	Head Injury
4236742	Contusion of brain without open intracranial wound	Head Injury
4001854	Contusion of buccal mucosa	Head Injury
4034021	Contusion of cerebral cortex	Head Injury
4094847	Contusion of cerebrum	Head Injury
4333982	Contusion of eyelid	Head Injury
4054068	Contusion of face	Head Injury
4002834	Contusion of floor of mouth	Head Injury
4001851	Contusion of forehead	Head Injury
4094836	Contusion of gingivae	Head Injury
432751	Cortex contusion with open intracranial wound	Head Injury
440550	Cortex contusion with open intracranial wound AND concussion	Head Injury
434774	Cortex contusion with open intracranial wound AND loss of consciousness	Head Injury
443192	Cortex contusion with open intracranial wound, with 1-24 hours loss of consciousness	Head Injury
443193	Cortex contusion with open intracranial wound, with less than 1 hour loss of consciousness	Head Injury
435388	Cortex contusion with open intracranial wound, with more than 24 hours loss of consciousness and return to pre-existing conscious level	Head Injury
438002	Cortex contusion with open intracranial wound, with more than 24 hours loss of consciousness without return to pre-existing conscious level	Head Injury
438588	Cortex contusion with open intracranial wound, with no loss of consciousness	Head Injury
440858	Cortex contusion without open intracranial wound	Head Injury
441146	Cortex contusion without open intracranial wound AND with brief loss of consciousness	Head Injury
440868	Cortex contusion without open intracranial wound AND with concussion	Head Injury
433342	Cortex contusion without open intracranial wound AND with loss of consciousness	Head Injury
439184	Cortex contusion without open intracranial wound AND with moderate loss of consciousness	Head Injury
436547	Cortex contusion without open intracranial wound AND with no loss of consciousness	Head Injury
435678	Cortex contusion without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
439181	Cortex contusion without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
4133019	Cortex laceration	Head Injury
432476	Cortex laceration with open intracranial wound	Head Injury
444379	Cortex laceration with open intracranial wound AND concussion	Head Injury
442114	Cortex laceration with open intracranial wound AND loss of consciousness	Head Injury
437414	Cortex laceration with open intracranial wound, with 1-24 hours loss of consciousness	Head Injury
443122	Cortex laceration with open intracranial wound, with less than 1 hour loss of consciousness	Head Injury
443121	Cortex laceration with open intracranial wound, with more than 24 hours loss of consciousness and return to pre-existing conscious level	Head Injury
443120	Cortex laceration with open intracranial wound, with more than 24 hours loss of consciousness without return to pre-existing conscious level	Head Injury
435384	Cortex laceration with open intracranial wound, with no loss of consciousness	Head Injury
435110	Cortex laceration without open intracranial wound	Head Injury
438883	Cortex laceration without open intracranial wound AND with brief loss of consciousness	Head Injury

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

378008	Cortex laceration without open intracranial wound AND with concussion	Head Injury
441431	Cortex laceration without open intracranial wound AND with loss of consciousness	Head Injury
442330	Cortex laceration without open intracranial wound AND with moderate loss of consciousness	Head Injury
436554	Cortex laceration without open intracranial wound AND with no loss of consciousness	Head Injury
434196	Cortex laceration without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
442557	Cortex laceration without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
36715609	Crush injury of brain	Head Injury
4152480	Crush injury of head and neck	Head Injury
4057350	Crushing injury of skull	Head Injury
4095860	Crushing injury of skull and intracranial contents	Head Injury
4154439	Degloving injury of head	Head Injury
4320021	Depressed fracture of skull	Head Injury
4096616	Diffuse brain injury	Head Injury
435960	Extradural hemorrhage following injury with open intracranial wound	Head Injury
432475	Extradural hemorrhage following injury with open intracranial wound AND brief loss of consciousness	Head Injury
434508	Extradural hemorrhage following injury with open intracranial wound AND concussion	Head Injury
438279	Extradural hemorrhage following injury with open intracranial wound AND loss of consciousness	Head Injury
442341	Extradural hemorrhage following injury with open intracranial wound AND moderate loss of consciousness	Head Injury
436258	Extradural hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
439949	Extradural hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
433051	Extradural hemorrhage following injury with open intracranial wound, with no loss of consciousness	Head Injury
252477	Extradural hemorrhage following injury without open intracranial wound	Head Injury
261433	Extradural hemorrhage following injury without open intracranial wound AND with brief loss of consciousness	Head Injury
381440	Extradural hemorrhage following injury without open intracranial wound AND with concussion	Head Injury
255105	Extradural hemorrhage following injury without open intracranial wound AND with loss of consciousness	Head Injury
256844	Extradural hemorrhage following injury without open intracranial wound AND with moderate loss of consciousness	Head Injury
441432	Extradural hemorrhage following injury without open intracranial wound AND with no loss of consciousness	Head Injury
256556	Extradural hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
436557	Extradural hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
4016540	Focal brain injury	Head Injury
36716567	Focal hemorrhagic contusion of cerebrum	Head Injury
36716626	Focal laceration of cerebellum	Head Injury
36716572	Focal traumatic hematoma of cerebellum	Head Injury
4082029	Fracture of base of skull	Head Injury
4132427	Fracture of occipital condyle	Head Injury
36717462	Fracture of occipital condyle of skull type I	Head Injury
36715597	Fracture of occipital condyle of skull type II	Head Injury
36715598	Fracture of occipital condyle of skull type III	Head Injury
4320022	Fracture of orbit	Head Injury
4324690	Fracture of skull	Head Injury
4011508	Fracture of skull and facial bones	Head Injury
4181926	Fracture of sphenoid bone	Head Injury
4168152	Fracture of vault of skull	Head Injury
4154162	Head and neck injury	Head Injury
36716800	Headache due to injury of head and neck	Head Injury
4152162	Injury of back of head	Head Injury

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4152164	Injury of forehead	Head Injury
375415	Injury of head	Head Injury
4320020	Injury of head with otorrhagia	Head Injury
4133008	Injury of head with rhinorrhagia	Head Injury
444197	Intracranial hemorrhage following injury with brief loss of consciousness	Head Injury
440561	Intracranial hemorrhage following injury with intracranial wound AND moderate loss of consciousness	Head Injury
444198	Intracranial hemorrhage following injury with loss of consciousness	Head Injury
444196	Intracranial hemorrhage following injury with moderate loss of consciousness	Head Injury
434785	Intracranial hemorrhage following injury with open intracranial wound	Head Injury
433623	Intracranial hemorrhage following injury with open intracranial wound AND brief loss of consciousness	Head Injury
439950	Intracranial hemorrhage following injury with open intracranial wound AND concussion	Head Injury
433624	Intracranial hemorrhage following injury with open intracranial wound AND loss of consciousness	Head Injury
433052	Intracranial hemorrhage following injury with open intracranial wound AND no loss of consciousness	Head Injury
441158	Intracranial hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
435672	Intracranial hemorrhage following injury with open intracranial wound and prolonged loss of consciousness (more than 24 hours) without return to pre-existing level	Head Injury
436526	Intracranial hemorrhage following injury with prolonged loss of consciousness AND return to pre-existing conscious level	Head Injury
437106	Intracranial hemorrhage following injury with prolonged loss of consciousness without return to pre-existing conscious level	Head Injury
436841	Intracranial hemorrhage following injury without intracranial wound AND with moderate loss of consciousness	Head Injury
4009796	Intracranial hemorrhage following injury without open intracranial wound	Head Injury
438596	Intracranial hemorrhage following injury without open intracranial wound AND with brief loss of consciousness	Head Injury
432478	Intracranial hemorrhage following injury without open intracranial wound AND with concussion	Head Injury
433058	Intracranial hemorrhage following injury without open intracranial wound AND with loss of consciousness	Head Injury
440869	Intracranial hemorrhage following injury without open intracranial wound AND with no loss of consciousness	Head Injury
436842	Intracranial hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
432764	Intracranial hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) without return to pre-existing level	Head Injury
437409	Intracranial injury	Head Injury
437409	Intracranial injury	Head Injury
437385	Intracranial injury with loss of consciousness	Head Injury
4016541	Intracranial injury with prolonged coma	Head Injury
4181760	Intracranial injury, without skull fracture	Head Injury
4193520	Laceration of brain	Head Injury
4038534	Laceration of brain with open intracranial wound	Head Injury
4208112	Laceration of brain without open intracranial wound	Head Injury
4095993	Laceration of cerebrum	Head Injury
40482446	Linear fracture of vault of skull	Head Injury
4200423	Major head injury	Head Injury
4164341	Minor head injury	Head Injury
4197180	Moderate head injury	Head Injury
36716576	Multiple focal injuries of cerebellum	Head Injury
435376	Multiple fractures involving skull and facial bones	Head Injury
4169757	Multiple fractures of skull	Head Injury
4057179	Multiple injuries of head	Head Injury
437685	Multiple open fractures of skull AND/OR face without intracranial injury	Head Injury
36716583	Multiple traumatic hemorrhages of brain tissue	Head Injury
4019347	Open cerebral contusion	Head Injury
40486903	Open depressed fracture of skull	Head Injury
40490826	Open fracture of base of skull	Head Injury
378264	Open fracture of base of skull with cerebral laceration AND contusion	Head Injury
435378	Open fracture of base of skull with intracranial hemorrhage	Head Injury

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

436818	Open fracture of base of skull with intracranial injury	Head Injury
4010871	Open fracture of base of skull with intracranial injury, with no loss of consciousness	Head Injury
439933	Open fracture of base of skull without intracranial injury	Head Injury
439384	Open fracture of skull	Head Injury
4280518	Open fracture of superior maxilla	Head Injury
435660	Open fracture of symphysis of body of mandible	Head Injury
40481145	Open fracture of vault of skull	Head Injury
433876	Open fracture of vault of skull with cerebral laceration AND/OR contusion	Head Injury
433037	Open fracture of vault of skull with intracranial hemorrhage	Head Injury
4007910	Open fracture of vault of skull with intracranial injury, with no loss of consciousness	Head Injury
4221998	Open fracture of zygoma	Head Injury
4237920	Open fracture of zygomatic arch	Head Injury
4001333	Open fracture of zygomatic tripod	Head Injury
439143	Open fracture vault of skull with intracranial injury	Head Injury
441134	Open fracture vault of skull without intracranial injury	Head Injury
441971	Open skull fracture with cerebral laceration AND/OR contusion	Head Injury
435931	Open skull fracture with intracranial hemorrhage	Head Injury
437386	Open skull fracture with intracranial injury	Head Injury
440221	Open skull fracture without intracranial injury	Head Injury
37110500	Parkinsonism due to and following injury of head	Head Injury
4116573	Peripheral nerve injury of head and neck	Head Injury
42538612	Persistent headache due to and following injury of head	Head Injury
4153252	Puncture wound of forehead	Head Injury
4155186	Puncture wound of head	Head Injury
4235306	Repeated concussion	Head Injury
4108943	Sequelae of injuries of head	Head Injury
4050689	Sequelae of superficial injury of head	Head Injury
4151663	Stab wound of forehead	Head Injury
4153083	Stab wound of head	Head Injury
441709	Subarachnoid hemorrhage following injury with open intracranial wound	Head Injury
435964	Subarachnoid hemorrhage following injury with open intracranial wound AND brief loss of consciousness	Head Injury
373057	Subarachnoid hemorrhage following injury with open intracranial wound AND concussion	Head Injury
440244	Subarachnoid hemorrhage following injury with open intracranial wound AND loss of consciousness	Head Injury
440251	Subarachnoid hemorrhage following injury with open intracranial wound AND moderate loss of consciousness	Head Injury
438894	Subarachnoid hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
439171	Subarachnoid hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
435104	Subarachnoid hemorrhage following injury with open intracranial wound, with no loss of consciousness	Head Injury
435959	Subarachnoid hemorrhage following injury without open intracranial wound	Head Injury
434789	Subarachnoid hemorrhage following injury without open intracranial wound AND with brief loss of consciousness	Head Injury
440250	Subarachnoid hemorrhage following injury without open intracranial wound AND with concussion	Head Injury
438003	Subarachnoid hemorrhage following injury without open intracranial wound AND with loss of consciousness	Head Injury
439182	Subarachnoid hemorrhage following injury without open intracranial wound AND with moderate loss of consciousness	Head Injury
439944	Subarachnoid hemorrhage following injury without open intracranial wound AND with no loss of consciousness	Head Injury
435390	Subarachnoid hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
437413	Subarachnoid hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND without return to pre-existing conscious level	Head Injury
432752	Subdural hemorrhage following injury with open intracranial wound AND brief loss of consciousness	Head Injury
433050	Subdural hemorrhage following injury with open intracranial wound AND concussion	Head Injury

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

439194	Subdural hemorrhage following injury with open intracranial wound AND loss of consciousness	Head Injury
441985	Subdural hemorrhage following injury with open intracranial wound AND moderate loss of consciousness	Head Injury
436553	Subdural hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
432474	Subdural hemorrhage following injury with open intracranial wound and prolonged loss of consciousness (more than 24 hours) and without return to pre-existing conscious level	Head Injury
440870	Subdural hemorrhage following injury with open intracranial wound, with no loss of consciousness	Head Injury
440236	Subdural hemorrhage following injury without open intracranial wound AND with brief loss of consciousness	Head Injury
373347	Subdural hemorrhage following injury without open intracranial wound AND with concussion	Head Injury
433899	Subdural hemorrhage following injury without open intracranial wound AND with loss of consciousness	Head Injury
437133	Subdural hemorrhage following injury without open intracranial wound AND with moderate loss of consciousness	Head Injury
438595	Subdural hemorrhage following injury without open intracranial wound AND with no loss of consciousness	Head Injury
435391	Subdural hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Head Injury
438285	Subdural hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
4017105	Subdural hemorrhage following open wound of head	Head Injury
36716584	Traumatic amputation of part of head	Head Injury
4132546	Traumatic brain injury	Head Injury
46270764	Traumatic brain injury of unknown intent	Head Injury
4132083	Traumatic brain injury with brief loss of consciousness	Head Injury
4132082	Traumatic brain injury with loss of consciousness	Head Injury
42872578	Traumatic brain injury with loss of consciousness one hour or more	Head Injury
4133017	Traumatic brain injury with moderate loss of consciousness	Head Injury
4133715	Traumatic brain injury with no loss of consciousness	Head Injury
4133018	Traumatic brain injury with prolonged loss of consciousness	Head Injury
42872560	Traumatic brain injury with prolonged loss of consciousness (more than 24 hours) and return to pre-existing conscious level	Head Injury
42872561	Traumatic brain injury with prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Head Injury
4208505	Traumatic cerebral edema with open intracranial wound	Head Injury
36716580	Traumatic hemorrhage of cerebral white matter	Head Injury
40485985	Traumatic injury of blood vessel of head	Head Injury
4154699	Traumatic intracranial subdural hematoma with brief loss of consciousness	Head Injury
36716627	Traumatic intraventricular hemorrhage	Head Injury
37109288	Traumatic subarachnoid hemorrhage with loss of consciousness	Head Injury
36716579	Traumatic subarachnoid hemorrhage without coma	Head Injury
4201635	Traumatic subdural hematoma with open intracranial wound	Head Injury
4196275	Traumatic subdural hematoma without open intracranial wound	Head Injury
4320822	Vertigo preceded by head injury	Head Injury
4335447	Vestibular trauma	Head Injury
377439	Visual cortex injury	Head Injury
46274044	Acute ST segment elevation myocardial infarction of lateral wall	Heart Attack
46270164	Acute ST segment elevation myocardial infarction of septum	Heart Attack
46270163	Acute ST segment elevation myocardial infarction due to right coronary artery occlusion	Heart Attack
46270162	Acute ST segment elevation myocardial infarction due to left coronary artery occlusion	Heart Attack
46270161	Acute ST segment elevation myocardial infarction of posterior wall	Heart Attack
46270160	Acute ST segment elevation myocardial infarction of anteroseptal wall	Heart Attack
46270159	Acute ST segment elevation myocardial infarction of anterolateral wall	Heart Attack
45773170	Subsequent ST segment elevation myocardial infarction of inferior wall	Heart Attack
45771322	Acute myocardial infarction of inferior wall involving right ventricle	Heart Attack
45766241	Subsequent non-ST segment elevation myocardial infarction	Heart Attack
45766151	Acute ST segment elevation myocardial infarction of inferior wall involving right ventricle	Heart Attack
45766150	Acute myocardial infarction of anterior wall involving right ventricle	Heart Attack

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

45766116	Acute ST segment elevation myocardial infarction of inferior wall	Heart Attack
45766114	Subsequent ST segment elevation myocardial infarction	Heart Attack
45766113	Subsequent ST segment elevation myocardial infarction of anterior wall	Heart Attack
45766076	Acute ST segment elevation myocardial infarction of anterior wall involving right ventricle	Heart Attack
45766075	Acute anterior ST segment elevation myocardial infarction	Heart Attack
44782769	Acute myocardial infarction due to left coronary artery occlusion	Heart Attack
44782712	Acute myocardial infarction due to right coronary artery occlusion	Heart Attack
43020460	Acute ST segment elevation myocardial infarction involving left anterior descending coronary artery	Heart Attack
4329847	Myocardial infarction	Heart Attack
4324413	Acute myocardial infarction of posterobasal wall	Heart Attack
4323202	Mixed myocardial ischemia and infarction	Heart Attack
4303359	Acute myocardial infarction of septum	Heart Attack
4296653	Acute ST segment elevation myocardial infarction	Heart Attack
4275436	Acute myocardial infarction of high lateral wall	Heart Attack
4270024	Acute non-ST segment elevation myocardial infarction	Heart Attack
4267568	Acute anteroseptal myocardial infarction	Heart Attack
4243372	Acute myocardial infarction of apical-lateral wall	Heart Attack
4215259	First myocardial infarction	Heart Attack
4209541	Postoperative transmural myocardial infarction of inferior wall	Heart Attack
4207921	Postoperative transmural myocardial infarction of anterior wall	Heart Attack
4206867	Postoperative subendocardial myocardial infarction	Heart Attack
4200113	Non-Q wave myocardial infarction	Heart Attack
4178129	Acute anteroapical myocardial infarction	Heart Attack
4173632	Microinfarct of heart	Heart Attack
4170094	Myocardial infarction in recovery phase	Heart Attack
4154704	Myocardial infarction with complication	Heart Attack
4151046	Acute myocardial infarction of basal-lateral wall	Heart Attack
4147223	Acute myocardial infarction with rupture of ventricle	Heart Attack
4145721	Acute non-Q wave infarction	Heart Attack
4126801	Acute Q wave myocardial infarction	Heart Attack
4124686	Silent myocardial infarction	Heart Attack
4124685	Acute non-Q wave infarction - widespread	Heart Attack
4121465	Acute Q wave infarction - inferolateral	Heart Attack
4121464	Acute Q wave infarction - inferior	Heart Attack
4119947	Acute widespread myocardial infarction	Heart Attack
4119946	Acute non-Q wave infarction - inferolateral	Heart Attack
4119945	Acute non-Q wave infarction - inferior	Heart Attack
4119944	Acute non-Q wave infarction - anterolateral	Heart Attack
4119943	Acute Q wave infarction - anteroseptal	Heart Attack
4119457	Acute Q wave infarction - anterolateral	Heart Attack
4108677	Subsequent myocardial infarction of anterior wall	Heart Attack
4108669	Acute myocardial infarction of atrium	Heart Attack
4108218	Subsequent myocardial infarction of inferior wall	Heart Attack
4108217	Subsequent myocardial infarction	Heart Attack
4051874	Acute myocardial infarction of posterolateral wall	Heart Attack
4030582	Postoperative myocardial infarction	Heart Attack
765132	Subendocardial myocardial infarction	Heart Attack
444406	Acute subendocardial infarction	Heart Attack
441579	Acute myocardial infarction of inferoposterior wall	Heart Attack
439693	True posterior myocardial infarction	Heart Attack
438447	Acute myocardial infarction of inferolateral wall	Heart Attack
438438	Acute myocardial infarction of anterolateral wall	Heart Attack
438170	Acute myocardial infarction of inferior wall	Heart Attack
436706	Acute myocardial infarction of lateral wall	Heart Attack
434376	Acute myocardial infarction of anterior wall	Heart Attack
319039	Acute posterior myocardial infarction	Heart Attack
312327	Acute myocardial infarction	Heart Attack
319835	Congestive heart failure	Heart Failure
316139	Heart failure	Heart Failure
40479192	Chronic systolic heart failure	Heart Failure
40479576	Chronic diastolic heart failure	Heart Failure
444101	Hypertensive heart failure	Heart Failure
40480602	Acute on chronic systolic heart failure	Heart Failure
40481043	Acute on chronic diastolic heart failure	Heart Failure
439696	Hypertensive heart and renal disease with (congestive) heart failure	Heart Failure
443587	Diastolic heart failure	Heart Failure
443580	Systolic heart failure	Heart Failure
44782719	Chronic combined systolic and diastolic heart failure	Heart Failure
40480603	Acute systolic heart failure	Heart Failure

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

44782733	Acute on chronic combined systolic and diastolic heart failure	Heart Failure
439846	Left heart failure	Heart Failure
40481042	Acute diastolic heart failure	Heart Failure
314378	Hypertensive heart disease with congestive heart failure	Heart Failure
439698	Benign hypertensive heart disease with congestive cardiac failure	Heart Failure
44782728	Hypertensive heart AND chronic kidney disease with congestive heart failure	Heart Failure
44782718	Acute combined systolic and diastolic heart failure	Heart Failure
312927	Acute cor pulmonale	Heart Failure
4195892	Chronic cor pulmonale	Heart Failure
439694	Hypertensive heart and renal disease with both (congestive) heart failure and renal failure	Heart Failure
316994	Malignant hypertensive heart disease with congestive heart failure	Heart Failure
35615055	Saddle embolus of pulmonary artery with acute cor pulmonale	Heart Failure
4242669	Biventricular congestive heart failure	Heart Failure
4264636	Cardiac insufficiency following cardiac surgery	Heart Failure
4229440	Chronic congestive heart failure	Heart Failure
4023479	Acute congestive heart failure	Heart Failure
4014159	Chronic right-sided heart failure	Heart Failure
4139864	Congestive heart failure due to left ventricular systolic dysfunction	Heart Failure
4307356	Cor pulmonale	Heart Failure
4172864	Neonatal cardiac failure	Heart Failure
4233424	Acute right-sided heart failure	Heart Failure
4233224	Cardiac insufficiency during AND/OR resulting from a procedure	Heart Failure
44784442	Symptomatic congestive heart failure	Heart Failure
4195785	Right heart failure secondary to left heart failure	Heart Failure
444031	Chronic heart failure	Heart Failure
4004279	High output heart failure	Heart Failure
4142561	Congestive heart failure due to valvular disease	Heart Failure
4284562	Chronic right-sided congestive heart failure	Heart Failure
4206009	Chronic left-sided congestive heart failure	Heart Failure
442310	Acute heart failure	Heart Failure
44782713	Congestive heart failure with right heart failure	Heart Failure
40486933	Heart failure with normal ejection fraction	Heart Failure
45766164	Heart failure with reduced ejection fraction	Heart Failure
40482857	Cardiorenal syndrome	Heart Failure
4273632	Right ventricular failure	Heart Failure
4267800	Acute left-sided heart failure	Heart Failure
43021826	Congestive heart failure stage C	Heart Failure
4138307	Right heart failure due to pulmonary hypertension	Heart Failure
4215446	Acute right-sided congestive heart failure	Heart Failure
4311437	Decompensated chronic heart failure	Heart Failure
4111554	Decompensated cardiac failure	Heart Failure
44782655	Acute exacerbation of chronic congestive heart failure	Heart Failure
4108245	Acute left ventricular failure	Heart Failure
4215802	Cardiac asthma	Heart Failure
4327205	Acute left-sided congestive heart failure	Heart Failure
4108244	Compensated cardiac failure	Heart Failure
4185565	Low cardiac output syndrome	Heart Failure
4071869	Congenital cardiac failure	Heart Failure
43021842	Diastolic heart failure stage C	Heart Failure
44782428	Congestive heart failure due to cardiomyopathy	Heart Failure
43022068	Exacerbation of congestive heart failure	Heart Failure
4193236	Ayerza's syndrome	Heart Failure
4259490	Cardiorespiratory failure	Heart Failure
4199500	Refractory heart failure	Heart Failure
4124705	Heart failure as a complication of care	Heart Failure
4009047	Chronic left-sided heart failure	Heart Failure
43530642	Systolic heart failure stage B	Heart Failure
36712928	Congestive heart failure stage B due to ischemic cardiomyopathy	Heart Failure
43530643	Diastolic heart failure stage B	Heart Failure
43021840	Systolic heart failure stage D	Heart Failure
36716182	Acute kidney injury due to circulatory failure	Heart Failure
4177493	Cardiac insufficiency due to prosthesis	Heart Failure
4141124	Postvalvulotomy syndrome	Heart Failure
4103448	Low output heart failure	Heart Failure
4079296	Sepsis-associated right ventricular failure	Heart Failure
36717359	Systolic heart failure stage B due to ischemic cardiomyopathy	Heart Failure
36712927	Congestive heart failure stage C due to ischemic cardiomyopathy	Heart Failure
36712929	Systolic heart failure stage C due to ischemic cardiomyopathy	Heart Failure
45773075	Heart failure with reduced ejection fraction due to heart valve disease	Heart Failure
45766167	Heart failure with reduced ejection fraction due to cardiomyopathy	Heart Failure

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

45766165	Heart failure with reduced ejection fraction due to coronary artery disease	Heart Failure
44784345	Congestive heart failure as early postoperative complication	Heart Failure
43530961	Induced termination of pregnancy complicated by cardiac failure	Heart Failure
43021841	Diastolic heart failure stage D	Heart Failure
43021825	Congestive heart failure stage D	Heart Failure
43020657	Heart failure due to end stage congenital heart disease	Heart Failure
43020421	Systolic heart failure stage C	Heart Failure
36713488	Congestive heart failure stage B	Heart Failure
4079695	Sepsis-associated left ventricular failure	Heart Failure
4030258	Bernheim's syndrome	Heart Failure
764872	Reduced ejection fraction co-occurrent and due to chronic heart failure	Heart Failure
762002	Congestive heart failure as post-operative complication of cardiac surgery	Heart Failure
432867	Hyperlipidemia	High Cholesterol
437827	Pure hypercholesterolemia	High Cholesterol
438720	Mixed hyperlipidemia	High Cholesterol
440360	Pure hyperglyceridemia	High Cholesterol
437530	Disorder of lipid metabolism	High Cholesterol
4029305	Hypercholesterolemia	High Cholesterol
4134862	Familial hypercholesterolemia	High Cholesterol
437521	Familial hyperchylomicronemia	High Cholesterol
4120314	Hypertriglyceridemia	High Cholesterol
4029260	Primary hypertriglyceridemia	High Cholesterol
4047784	Disorder of cholesterol metabolism	High Cholesterol
4079876	Familial combined hyperlipidemia	High Cholesterol
4030619	Mixed hypercholesterolemia and hypertriglyceridemia	High Cholesterol
4051221	Increased lipid	High Cholesterol
4104485	Familial multiple lipoprotein-type hyperlipidemia	High Cholesterol
4079886	Hyperalphalipoproteinemia	High Cholesterol
4142496	Familial hypertriglyceridemia	High Cholesterol
45770880	Hyperlipidemia due to type 2 diabetes mellitus	High Cholesterol
4220010	Fredrickson type IIa hyperlipoproteinemia	High Cholesterol
4029261	Fredrickson type IV hyperlipoproteinemia	High Cholesterol
4031945	Primary hypercholesterolemia	High Cholesterol
4144529	Familial type 5 hyperlipoproteinemia	High Cholesterol
4029259	Familial hypercholesterolemia - heterozygous	High Cholesterol
4079885	Familial hypercholesterolemia - homozygous	High Cholesterol
4029262	Familial lipoprotein lipase deficiency	High Cholesterol
4170226	Disorder of lipoprotein AND/OR lipid metabolism	High Cholesterol
43531651	Mixed hyperlipidemia due to type 2 diabetes mellitus	High Cholesterol
4031814	Disorder of lipoprotein storage and metabolism	High Cholesterol
45757432	Hyperlipidemia due to type 1 diabetes mellitus	High Cholesterol
4096215	Hyperlipidemia, group A	High Cholesterol
4029263	Primary combined hyperlipidemia	High Cholesterol
4294296	Chylomicronemia syndrome	High Cholesterol
4299409	Sporadic primary hypertriglyceridemia	High Cholesterol
43530660	Mixed hyperlipidemia due to type 1 diabetes mellitus	High Cholesterol
4029892	Secondary hypertriglyceridemia	High Cholesterol
4292672	Secondary hyperlipidemia	High Cholesterol
4143177	Familial apolipoprotein C-II deficiency	High Cholesterol
4298733	Primary genetic hyperlipidemia	High Cholesterol
4029880	Disorder of cholesterol catabolism	High Cholesterol
4029890	Familial defective apolipoprotein B-100	High Cholesterol
4295609	Familial hypercholesterolemia due to genetic defect of apolipoprotein B	High Cholesterol
4298010	Familial hypercholesterolemia due to homozygous LDL receptor mutation	High Cholesterol
4029891	Secondary hypercholesterolemia	High Cholesterol
4268608	Cholesterol storage disease	High Cholesterol
4295608	Familial hypercholesterolemia due to heterozygous LDL receptor mutation	High Cholesterol
4030586	Exogenous hyperlipidemia	High Cholesterol
45757500	Familial hyperalphalipoproteinemia	High Cholesterol
4079887	Secondary combined hyperlipidemia	High Cholesterol
4298723	Hyperlipidemia with lipid deposition in skin	High Cholesterol
4291436	Primary chylomicronemia	High Cholesterol
4029258	Polygenic hypercholesterolemia	High Cholesterol
4270878	Primary "polygenic" combined hyperlipidemia	High Cholesterol
4294297	Primary genetic mixed hyperlipidemia	High Cholesterol
320128	Essential hypertension	Hypertension

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

312648	Benign essential hypertension	Hypertension
44782429	Chronic kidney disease due to hypertension	Hypertension
316866	Hypertensive disorder	Hypertension
44784439	Benign hypertensive renal disease with renal failure	Hypertension
319034	Hypertensive heart disease without congestive heart failure	Hypertension
317898	Malignant essential hypertension	Hypertension
444101	Hypertensive heart failure	Hypertension
313502	Benign hypertensive heart disease without congestive heart failure	Hypertension
44782690	Chronic kidney disease stage 5 due to hypertension	Hypertension
439696	Hypertensive heart and renal disease with (congestive) heart failure	Hypertension
443919	Hypertensive renal failure	Hypertension
4339214	Secondary pulmonary hypertension	Hypertension
193493	Benign hypertensive renal disease	Hypertension
376965	Hypertensive retinopathy	Hypertension
44783618	Heritable pulmonary arterial hypertension	Hypertension
319826	Secondary hypertension	Hypertension
4322024	Pulmonary hypertension	Hypertension
44784621	Hypertensive heart and chronic kidney disease	Hypertension
4028741	Benign hypertension	Hypertension
4013643	Pulmonary arterial hypertension	Hypertension
314378	Hypertensive heart disease with congestive heart failure	Hypertension
314423	Benign essential hypertension complicating pregnancy, childbirth and the puerperium - not delivered	Hypertension
44784638	Hypertensive heart AND chronic kidney disease stage 5	Hypertension
40481896	Hypertensive urgency	Hypertension
321074	Pre-existing hypertension complicating pregnancy, childbirth and puerperium	Hypertension
439698	Benign hypertensive heart disease with congestive cardiac failure	Hypertension
321080	Hypertension complicating pregnancy, childbirth and the puerperium	Hypertension
44782728	Hypertensive heart AND chronic kidney disease with congestive heart failure	Hypertension
314369	Malignant hypertensive heart disease without congestive heart failure	Hypertension
4311246	Pre-existing hypertension in obstetric context	Hypertension
317895	Renovascular hypertension	Hypertension
43021853	Malignant hypertensive chronic kidney disease stage 1	Hypertension
43020424	Hypertensive emergency	Hypertension
312938	Hypertensive encephalopathy	Hypertension
43020455	Malignant hypertensive end stage renal disease	Hypertension
439694	Hypertensive heart and renal disease with both (congestive) heart failure and renal failure	Hypertension
314103	Benign essential hypertension complicating pregnancy, childbirth and the puerperium - delivered	Hypertension
439695	Hypertensive heart and renal disease with renal failure	Hypertension
201313	Hypertensive renal disease	Hypertension
316994	Malignant hypertensive heart disease with congestive heart failure	Hypertension
442604	Hypertensive heart disease	Hypertension
4110948	Hypertension secondary to endocrine disorder	Hypertension
45768449	Hypertensive crisis	Hypertension
321638	Benign essential hypertension complicating pregnancy, childbirth and the puerperium	Hypertension
4263504	Benign hypertensive heart disease	Hypertension
43021830	Postoperative hypertension	Hypertension
314958	Benign secondary hypertension	Hypertension
4249016	Benign secondary renovascular hypertension	Hypertension
4289933	Malignant hypertension	Hypertension
442626	Benign hypertensive heart AND renal disease	Hypertension
195556	Hypertensive heart AND renal disease	Hypertension
4110947	Malignant secondary renovascular hypertension	Hypertension
4057979	Pre-existing secondary hypertension complicating pregnancy, childbirth and puerperium	Hypertension
4121462	Persistent pulmonary hypertension of the newborn	Hypertension
43020910	Pulmonary hypertension due to left heart disease	Hypertension
44783628	Pulmonary hypertension due to lung disease and/or hypoxia	Hypertension
318437	Malignant secondary hypertension	Hypertension
4062811	Benign essential hypertension complicating pregnancy, childbirth and the puerperium with postnatal complication	Hypertension
4209293	Systolic hypertension	Hypertension
443771	Renal hypertension	Hypertension
44783644	Labile hypertension due to being in a clinical environment	Hypertension
4120094	Chronic thromboembolic pulmonary hypertension	Hypertension
44782560	Idiopathic pulmonary arterial hypertension	Hypertension
4071202	Neonatal hypertension	Hypertension

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4062552	Pre-existing hypertensive heart disease complicating pregnancy, childbirth and the puerperium	Hypertension
4167358	Diastolic hypertension	Hypertension
4199306	Transient hypertension	Hypertension
45757356	Pre-existing hypertensive chronic kidney disease in mother complicating pregnancy	Hypertension
44783643	Intermittent hypertension	Hypertension
4322893	Hypertensive left ventricular hypertrophy	Hypertension
320456	Benign essential hypertension complicating pregnancy, childbirth and the puerperium - delivered with postnatal complication	Hypertension
4183981	Malignant hypertensive heart disease	Hypertension
4159755	Labile essential hypertension	Hypertension
442766	Malignant hypertensive renal disease	Hypertension
4061667	Hypertension induced by oral contraceptive pill	Hypertension
442603	Malignant hypertensive heart AND renal disease	Hypertension
40493243	Eisenmenger's syndrome	Hypertension
43021748	Hypertensive nephrosclerosis	Hypertension
4179379	Exertional hypertension	Hypertension
43021852	Malignant hypertensive chronic kidney disease	Hypertension
45757756	Page kidney	Hypertension
37018886	End stage renal disease due to hypertension	Hypertension
4108213	Hypertension secondary to drug	Hypertension
4173820	Cardiomegaly - hypertensive	Hypertension
44782689	Chronic kidney disease stage 4 due to hypertension	Hypertension
44782691	Chronic kidney disease stage 3 due to hypertension	Hypertension
46273636	Chronic kidney disease stage 3 due to benign hypertension	Hypertension
4207534	Pulmonary hypertensive venous disease	Hypertension
4227607	Chronic hypertension in obstetric context	Hypertension
44809026	Stage 1 hypertension	Hypertension
43021835	Hypertensive heart AND chronic kidney disease stage 3	Hypertension
45757139	Pre-existing hypertensive heart and chronic kidney disease in mother complicating pregnancy	Hypertension
36712757	Cardiomyopathy due to hypertension	Hypertension
4217486	Essential hypertension in obstetric context	Hypertension
4032952	Renal sclerosis with hypertension	Hypertension
4277110	Pre-existing hypertension complicating AND/OR reason for care during pregnancy	Hypertension
42709887	Hypertensive complication	Hypertension
44782563	Pulmonary hypertension due to chronic obstructive pulmonary disease	Hypertension
42873163	Hypertension complicating pregnancy, childbirth and the puerperium, antepartum	Hypertension
4269358	Benign essential hypertension in obstetric context	Hypertension
4279525	Hypertension in the obstetric context	Hypertension
4276511	Labile diastolic hypertension	Hypertension
46270355	Chronic kidney disease stage 2 due to benign hypertension	Hypertension
4302748	Chronic hypertensive uremia	Hypertension
4262182	Hypertension with albuminuria	Hypertension
44784640	Hypertensive heart AND chronic kidney disease stage 1	Hypertension
4034031	Benign essential hypertension complicating AND/OR reason for care during pregnancy	Hypertension
4057978	Pre-existing hypertensive heart and renal disease complicating pregnancy, childbirth and the puerperium	Hypertension
44784639	Hypertensive heart AND chronic kidney disease stage 4	Hypertension
4049389	Paroxysmal hypertension	Hypertension
45757137	Pre-existing hypertensive heart and chronic kidney disease in mother complicating childbirth	Hypertension
44783641	Pulmonary hypertension due to diastolic systemic ventricular dysfunction	Hypertension
44783622	Pulmonary arterial hypertension associated with connective tissue disease	Hypertension
36713024	Labile systemic arterial hypertension	Hypertension
4232485	Pulmonary veno-occlusive disease	Hypertension
44809569	Stage 2 hypertension	Hypertension
46270353	Chronic kidney disease due to benign hypertension	Hypertension
4180283	Systolic essential hypertension	Hypertension
45771064	Hypertension in chronic kidney disease due to type 2 diabetes mellitus	Hypertension
4305599	Renal arterial hypertension	Hypertension
43020456	Malignant hypertensive chronic kidney disease stage 3	Hypertension
4268756	Benign arteriolar nephrosclerosis	Hypertension
4058987	High-renin essential hypertension	Hypertension

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

44783629	Pulmonary hypertension due to interstitial lung disease	Hypertension
4146816	Pre-existing hypertension complicating AND/OR reason for care during childbirth	Hypertension
4322735	Hypertension associated with transplantation	Hypertension
40482858	Pulmonary arterial hypertension associated with portal hypertension	Hypertension
43021836	Hypertensive heart AND chronic kidney disease stage 2	Hypertension
44783624	Pulmonary arterial hypertension associated with congenital heart disease	Hypertension
4216685	Malignant arteriolar nephrosclerosis	Hypertension
44809027	Severe hypertension	Hypertension
44782692	Chronic kidney disease stage 2 due to hypertension	Hypertension
45757447	Hypertension in chronic kidney disease stage 2 due to type 2 diabetes mellitus	Hypertension
43020457	Malignant hypertensive chronic kidney disease stage 4	Hypertension
4178312	Hypertension secondary to kidney transplant	Hypertension
45757446	Hypertension in chronic kidney disease stage 3 due to type 2 diabetes mellitus	Hypertension
4263067	Low-renin essential hypertension	Hypertension
4240080	Hypertensive renal disease complicating AND/OR reason for care during puerperium	Hypertension
42538697	Diastolic hypertension and systolic hypertension	Hypertension
44783636	Pulmonary hypertension in systemic disorder	Hypertension
46273514	Chronic kidney disease stage 4 due to benign hypertension	Hypertension
44783631	Pulmonary hypertension due to sleep-disordered breathing	Hypertension
4235804	Pulmonary hypertension secondary to raised pulmonary vascular resistance	Hypertension
4302591	Essential hypertension complicating AND/OR reason for care during pregnancy	Hypertension
4219323	Hypertension secondary to renal disease complicating AND/OR reason for care during puerperium	Hypertension
4135463	Cardiovascular renal disease	Hypertension
44783637	Pulmonary hypertension in sarcoidosis	Hypertension
44782566	Pulmonary hypertension due to left-sided valvular heart disease	Hypertension
45757445	Hypertension in chronic kidney disease stage 4 due to type 2 diabetes mellitus	Hypertension
37016726	Supine hypertension	Hypertension
45772751	Hypertension concurrent and due to end stage renal disease on dialysis	Hypertension
46273164	End stage renal disease due to benign hypertension	Hypertension
46270356	Chronic kidney disease stage 5 due to benign hypertension	Hypertension
45771067	Hypertension in chronic kidney disease due to type 1 diabetes mellitus	Hypertension
45757444	Hypertension in chronic kidney disease stage 5 due to type 2 diabetes mellitus	Hypertension
45757392	Hypertension concurrent and due to end stage renal disease on dialysis due to type 2 diabetes mellitus	Hypertension
44784637	Hypertensive heart AND chronic kidney disease on dialysis	Hypertension
44783640	Pulmonary hypertension due to systolic systemic ventricular dysfunction	Hypertension
44783633	Pulmonary hypertension due to developmental abnormality of the lung	Hypertension
44783630	Pulmonary hypertension due to pulmonary disease with mixed restrictive and obstructive pattern	Hypertension
44783623	Pulmonary arterial hypertension associated with HIV infection	Hypertension
44783621	Associated pulmonary arterial hypertension	Hypertension
43021854	Malignant hypertensive chronic kidney disease stage 2	Hypertension
43020437	Malignant hypertensive chronic kidney disease stage 5	Hypertension
4337510	Episodic pulmonary hypertension	Hypertension
4321603	Essential hypertension complicating AND/OR reason for care during puerperium	Hypertension
4304837	Chronic hypertension complicating AND/OR reason for care during childbirth	Hypertension
4289142	Eclampsia added to pre-existing hypertension	Hypertension
4280382	Hypertensive renal disease complicating AND/OR reason for care during pregnancy	Hypertension
4253928	Secondary diastolic hypertension	Hypertension
4242878	Sustained diastolic hypertension	Hypertension
4221991	Rebound hypertension	Hypertension
4215640	Benign essential hypertension complicating AND/OR reason for care during childbirth	Hypertension
4193900	Hypertensive heart disease in obstetric context	Hypertension
4174979	Hypertension secondary to renal disease complicating AND/OR reason for care during pregnancy	Hypertension

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4169889	Hypertensive renal disease complicating AND/OR reason for care during childbirth	Hypertension
4151903	Pre-existing hypertension complicating AND/OR reason for care during puerperium	Hypertension
4148205	Benign essential hypertension complicating AND/OR reason for care during puerperium	Hypertension
4124833	Pulmonary hypertension due to chronic exposure to high altitude	Hypertension
4124831	Sporadic primary pulmonary hypertension	Hypertension
4121621	Pulmonary capillary hemangiomatosis	Hypertension
4121620	Pulmonary arterial hypertension induced by drug	Hypertension
4120092	Solitary pulmonary hypertension	Hypertension
4119611	Familial primary pulmonary hypertension	Hypertension
4094374	Hypertension secondary to renal disease complicating AND/OR reason for care during childbirth	Hypertension
4033160	Progressive pulmonary hypertension	Hypertension
4032790	Hypertensive heart AND renal disease complicating AND/OR reason for care during childbirth	Hypertension
4006325	Hypertension secondary to renal disease in obstetric context	Hypertension
762973	Hypertensive end stage renal disease	Hypertension
4048212	Goldblatt hypertension	Hypertension
44809548	Hypertension resistant to drug therapy	Hypertension
44811932	Stage 1 hypertension (NICE 2011) without evidence of end organ damage	Hypertension
46270354	Chronic kidney disease stage 1 due to benign hypertension	Hypertension
45757787	Postpartum pre-existing essential hypertension	Hypertension
45757393	Hypertension concurrent and due to end stage renal disease on dialysis due to type 1 diabetes mellitus	Hypertension
45757140	Pre-existing hypertensive heart disease in mother complicating pregnancy	Hypertension
44811933	Stage 1 hypertension (NICE 2011) with evidence of end organ damage	Hypertension
44783639	Pulmonary hypertension in neurofibromatosis	Hypertension
44783638	Pulmonary hypertension in lymphangioleiomyomatosis	Hypertension
44783632	Pulmonary hypertension due to alveolar hypoventilation disorder	Hypertension
44783626	Pulmonary arterial hypertension associated with chronic hemolytic anemia	Hypertension
44783619	Heritable pulmonary arterial hypertension due to BMPR2 mutation	Hypertension
44782717	End stage renal disease on dialysis due to hypertension	Hypertension
44782703	Chronic kidney disease stage 1 due to hypertension	Hypertension
44782565	Pulmonary hypertension in Langerhans cell histiocytosis	Hypertension
44782564	Pulmonary hypertension due to hematological disorder	Hypertension
43021864	Malignant hypertensive end stage renal disease on dialysis	Hypertension
4233689	Postcapillary pulmonary hypertension	Hypertension
4228419	Hypertensive optic neuropathy	Hypertension
4227517	Hypertensive choroidopathy	Hypertension
4218784	Hypertensive renal disease in obstetric context	Hypertension
4212496	Parenchymal renal hypertension	Hypertension
4162306	Malignant hypertension complicating AND/OR reason for care during pregnancy	Hypertension
4124832	Pulmonary hypertension associated with chronic underventilation	Hypertension
4120093	Large vessel pulmonary hypertension	Hypertension
4083723	Essential hypertension complicating AND/OR reason for care during childbirth	Hypertension
4081040	Facultative pulmonary hypertension with shunt at atrial level	Hypertension
4081039	Pulmonary hypertension with occult mitral stenosis	Hypertension
4081038	Pulmonary hypertension with extreme obesity	Hypertension
4049377	Hypertensive heart disease complicating AND/OR reason for care during pregnancy	Hypertension
765536	Benign hypertensive heart disease and chronic renal disease stage 4	Hypertension
764011	Benign hypertensive heart disease and chronic renal disease	Hypertension
762001	Benign hypertensive heart disease and chronic renal disease stage 3	Hypertension
760850	Benign hypertensive heart disease and chronic renal disease stage 5	Hypertension
762060	Chronic mood disorder	Major psychiatric conditions
4243822	Severe major depression with psychotic features, mood-incongruent	Major psychiatric conditions
36715000	Minimal major depression	Major psychiatric conditions
4031928	Severe mixed bipolar I disorder with psychotic features, mood-incongruent	Major psychiatric conditions
37109052	Mild major depressive disorder co-occurrent with anxiety single episode	Major psychiatric conditions
37109053	Moderate major depressive disorder co-occurrent with anxiety single episode	Major psychiatric conditions

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

37109054	Severe major depressive disorder co-occurrent with anxiety single episode	Major psychiatric conditions
4312736	Severe bipolar I disorder, single manic episode with psychotic features, mood-incongruent	Major psychiatric conditions
4085662	Schizophrenic prodrome	Major psychiatric conditions
4141603	Severe manic bipolar I disorder with psychotic features, mood-incongruent	Major psychiatric conditions
4251178	Bipolar I disorder, most recent episode mixed with catatonic features	Major psychiatric conditions
4043918	Cluster A personality disorder	Major psychiatric conditions
4310121	Subchronic undifferentiated schizophrenia	Major psychiatric conditions
4147991	Severe bipolar II disorder, most recent episode major depressive with psychotic features	Major psychiatric conditions
4131027	Severe bipolar disorder with psychotic features, mood-incongruent	Major psychiatric conditions
4184004	Schizophreniform disorder without good prognostic features	Major psychiatric conditions
4182998	Severe depressed bipolar I disorder with psychotic features, mood-congruent	Major psychiatric conditions
4181807	Major depressive disorder, single episode with atypical features	Major psychiatric conditions
4217940	Severe bipolar II disorder, most recent episode major depressive without psychotic features	Major psychiatric conditions
4219539	Late onset schizophrenia	Major psychiatric conditions
4263364	Schizophreniform disorder with good prognostic features	Major psychiatric conditions
4276670	Severe mixed bipolar I disorder with psychotic features, mood-congruent	Major psychiatric conditions
4107538	Bipolar I disorder, most recent episode depressed with atypical features	Major psychiatric conditions
4073401	Bipolar I disorder, most recent episode manic with catatonic features	Major psychiatric conditions
4071442	Bipolar I disorder, most recent episode depressed with catatonic features	Major psychiatric conditions
4067409	Severe major depression, single episode, with psychotic features, mood-incongruent	Major psychiatric conditions
4330846	Bipolar II disorder, most recent episode major depressive with catatonic features	Major psychiatric conditions
4333670	Organic bipolar disorder	Major psychiatric conditions
4338812	Bipolar I disorder, single manic episode with catatonic features	Major psychiatric conditions
36714997	Minimal recurrent major depression	Major psychiatric conditions
36717389	Moderately severe major depression single episode	Major psychiatric conditions
4000165	Severe bipolar II disorder, most recent episode major depressive with psychotic features, mood-congruent	Major psychiatric conditions
43020483	Reactive depressive psychosis, single episode	Major psychiatric conditions
4192865	Bipolar I disorder, most recent episode depressed with melancholic features	Major psychiatric conditions
4102660	Cenesthopathic schizophrenia	Major psychiatric conditions
4200385	Severe bipolar disorder without psychotic features	Major psychiatric conditions
43020451	Severe manic bipolar I disorder	Major psychiatric conditions
4144519	Bipolar II disorder, most recent episode major depressive with melancholic features	Major psychiatric conditions
4161200	Severe bipolar II disorder	Major psychiatric conditions
4185096	Bipolar II disorder, most recent episode major depressive with atypical features	Major psychiatric conditions
4155798	Severe bipolar disorder	Major psychiatric conditions
4001733	Chronic bipolar II disorder, most recent episode major depressive	Major psychiatric conditions
4299785	Severe major depression, single episode, with psychotic features, mood-congruent	Major psychiatric conditions
438129	Severe manic bipolar I disorder with psychotic features, mood-congruent	Major psychiatric conditions
4197669	Chronic bipolar I disorder, most recent episode depressed	Major psychiatric conditions
4034842	Severe recurrent major depression with psychotic features, mood-incongruent	Major psychiatric conditions
4144233	Severe major depression with psychotic features, mood-congruent	Major psychiatric conditions
4324945	Mild bipolar II disorder, most recent episode major depressive	Major psychiatric conditions
37111697	Major depression with psychotic features	Major psychiatric conditions
4322477	Severe bipolar disorder with psychotic features, mood-congruent	Major psychiatric conditions
43021847	Rapid cycling bipolar I disorder	Major psychiatric conditions
4262111	Moderate bipolar II disorder, most recent episode major depressive	Major psychiatric conditions
4194222	Moderate bipolar disorder	Major psychiatric conditions
4168389	Borderline schizophrenia	Major psychiatric conditions
4154283	Severe bipolar I disorder	Major psychiatric conditions
4141292	Severe recurrent major depression with psychotic features, mood-congruent	Major psychiatric conditions
4154391	Major depression, melancholic type	Major psychiatric conditions
36714998	Moderately severe recurrent major depression	Major psychiatric conditions
4270907	Major depressive disorder, single episode with melancholic features	Major psychiatric conditions

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4172156	Bipolar II disorder, most recent episode hypomanic	Major psychiatric conditions
4287238	Major depressive disorder, single episode with catatonic features	Major psychiatric conditions
440079	Mild mixed bipolar I disorder	Major psychiatric conditions
4195158	Severe bipolar disorder with psychotic features	Major psychiatric conditions
4031328	Chronic major depressive disorder, single episode	Major psychiatric conditions
42872412	Severe mixed bipolar I disorder	Major psychiatric conditions
4028027	Mild bipolar disorder	Major psychiatric conditions
4134596	Chronic mental disorder	Major psychiatric conditions
439259	Single major depressive episode, severe, with psychosis	Major psychiatric conditions
4215917	Mild manic bipolar I disorder	Major psychiatric conditions
4132144	Severe mood disorder with psychotic features	Major psychiatric conditions
4102603	Severe manic bipolar I disorder with psychotic features	Major psychiatric conditions
4220023	Recurrent major depressive disorder with catatonic features	Major psychiatric conditions
439001	Severe mixed bipolar I disorder with psychotic features	Major psychiatric conditions
36714389	Moderately severe major depression	Major psychiatric conditions
432864	Acute schizophrenic episode	Major psychiatric conditions
37016741	Acute polymorphic psychotic disorder co-occurrent with symptoms of schizophrenia	Major psychiatric conditions
4304140	Recurrent major depressive disorder with atypical features	Major psychiatric conditions
42872413	Severe depressed bipolar I disorder	Major psychiatric conditions
4307804	Moderate manic bipolar I disorder	Major psychiatric conditions
437250	Mild depressed bipolar I disorder	Major psychiatric conditions
4287544	Manic bipolar I disorder	Major psychiatric conditions
440077	Subchronic latent schizophrenia	Major psychiatric conditions
37016719	Acute polymorphic psychotic disorder without symptoms of schizophrenia	Major psychiatric conditions
439785	Moderate mixed bipolar I disorder	Major psychiatric conditions
4037669	Bipolar II disorder, most recent episode major depressive	Major psychiatric conditions
433990	Subchronic catatonic schizophrenia	Major psychiatric conditions
42872411	Severe major depression, single episode	Major psychiatric conditions
435782	Chronic schizophrenia	Major psychiatric conditions
436384	Subchronic disorganized schizophrenia with acute exacerbations	Major psychiatric conditions
439275	Acute exacerbation of subchronic catatonic schizophrenia	Major psychiatric conditions
438724	Subchronic disorganized schizophrenia	Major psychiatric conditions
4205471	Recurrent major depressive disorder with melancholic features	Major psychiatric conditions
433442	Subchronic residual schizophrenia	Major psychiatric conditions
433734	Acute exacerbation of chronic latent schizophrenia	Major psychiatric conditions
439274	Acute exacerbation of subchronic latent schizophrenia	Major psychiatric conditions
444396	Subchronic residual schizophrenia with acute exacerbations	Major psychiatric conditions
4154309	Severe recurrent major depression with psychotic features	Major psychiatric conditions
439250	Mixed bipolar affective disorder	Major psychiatric conditions
762600	Assessment for bipolar disorder	Major psychiatric conditions
4280361	Moderate depressed bipolar I disorder	Major psychiatric conditions
434318	Paraphrenia	Major psychiatric conditions
42872722	Severe major depression	Major psychiatric conditions
4321694	Subchronic undifferentiated schizophrenia with acute exacerbations	Major psychiatric conditions
436071	Acute exacerbation of chronic catatonic schizophrenia	Major psychiatric conditions
4133495	Acute schizophrenia-like psychotic disorder	Major psychiatric conditions
441538	Chronic catatonic schizophrenia	Major psychiatric conditions
435235	Chronic latent schizophrenia	Major psychiatric conditions
43531624	Severe recurrent major depression	Major psychiatric conditions
4194671	Chronic undifferentiated schizophrenia with acute exacerbations	Major psychiatric conditions
436385	Chronic disorganized schizophrenia with acute exacerbation	Major psychiatric conditions
440373	Subchronic schizophrenia	Major psychiatric conditions
432598	Subchronic schizophrenia with acute exacerbations	Major psychiatric conditions
440684	Simple paranoid state	Major psychiatric conditions
373176	Organic mood disorder	Major psychiatric conditions
4103574	Chronic depression	Major psychiatric conditions
4250023	Severe major depression with psychotic features	Major psychiatric conditions
4094358	Chronic recurrent major depressive disorder	Major psychiatric conditions
440368	Chronic disorganized schizophrenia	Major psychiatric conditions
433742	Latent schizophrenia	Major psychiatric conditions
432299	Subchronic paranoid schizophrenia	Major psychiatric conditions
435218	Chronic residual schizophrenia with acute exacerbations	Major psychiatric conditions
432597	Schizoaffective schizophrenia	Major psychiatric conditions
441836	Depressed bipolar I disorder	Major psychiatric conditions
434901	Acute exacerbation of subchronic paranoid schizophrenia	Major psychiatric conditions
4030856	Severe bipolar I disorder, single manic episode without psychotic features	Major psychiatric conditions
432290	Mild bipolar I disorder, single manic episode	Major psychiatric conditions
432865	Acute exacerbation of subchronic schizoaffective schizophrenia	Major psychiatric conditions
440067	Moderate bipolar I disorder, single manic episode	Major psychiatric conditions

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

433443	Subchronic schizoaffective schizophrenia	Major psychiatric conditions
4220617	Severe bipolar I disorder, single manic episode with psychotic features	Major psychiatric conditions
4100366	Acute exacerbation of chronic schizophrenia	Major psychiatric conditions
436086	Manic bipolar I disorder in full remission	Major psychiatric conditions
4336957	Mild major depression	Major psychiatric conditions
434010	Schizotypal personality disorder	Major psychiatric conditions
443906	Mixed bipolar I disorder	Major psychiatric conditions
435520	Reactive depressive psychosis	Major psychiatric conditions
4152280	Major depressive disorder	Major psychiatric conditions
436673	Chronic residual schizophrenia	Major psychiatric conditions
440691	Paranoid personality disorder	Major psychiatric conditions
4327337	Severe major depression without psychotic features	Major psychiatric conditions
433996	Catatonic schizophrenia	Major psychiatric conditions
4100365	Schizophrenic disorders	Major psychiatric conditions
438727	Atypical depressive disorder	Major psychiatric conditions
4177651	Depressed bipolar I disorder in partial remission	Major psychiatric conditions
4307111	Moderate major depression	Major psychiatric conditions
444434	Schizophreniform disorder	Major psychiatric conditions
4105330	Chronic undifferentiated schizophrenia	Major psychiatric conditions
439249	Mixed bipolar affective disorder, mild	Major psychiatric conditions
441834	Bipolar affective disorder, currently manic, mild	Major psychiatric conditions
435236	Acute exacerbation of chronic schizoaffective schizophrenia	Major psychiatric conditions
436067	Simple schizophrenia	Major psychiatric conditions
437243	Acute exacerbation of chronic paranoid schizophrenia	Major psychiatric conditions
4150985	Bipolar I disorder, most recent episode hypomanic	Major psychiatric conditions
439004	Residual schizophrenia	Major psychiatric conditions
441835	Chronic schizoaffective schizophrenia	Major psychiatric conditions
441828	Disorganized schizophrenia	Major psychiatric conditions
4008566	Undifferentiated schizophrenia	Major psychiatric conditions
4025677	Single episode of major depression in full remission	Major psychiatric conditions
443797	Severe manic bipolar I disorder without psychotic features	Major psychiatric conditions
436386	Severe depressed bipolar I disorder with psychotic features	Major psychiatric conditions
35622934	Psychosis and severe depression co-occurrent and due to bipolar affective disorder	Major psychiatric conditions
436944	Chronic paranoid schizophrenia	Major psychiatric conditions
439253	Bipolar affective disorder, currently depressed, mild	Major psychiatric conditions
433992	Bipolar affective disorder, currently manic, moderate	Major psychiatric conditions
432866	Bipolar I disorder, single manic episode	Major psychiatric conditions
372599	Severe mixed bipolar I disorder without psychotic features	Major psychiatric conditions
439246	Mixed bipolar affective disorder, severe, with psychosis	Major psychiatric conditions
442570	Severe depressed bipolar I disorder without psychotic features	Major psychiatric conditions
438406	Severe major depression, single episode, with psychotic features	Major psychiatric conditions
439248	Mixed bipolar affective disorder, moderate	Major psychiatric conditions
432590	Delusional disorder	Major psychiatric conditions
439256	Bipolar affective disorder, currently manic, severe, with psychosis	Major psychiatric conditions
440078	Bipolar affective disorder, current episode manic	Major psychiatric conditions
435226	Bipolar affective disorder, current episode mixed	Major psychiatric conditions
4141454	Recurrent major depression in partial remission	Major psychiatric conditions
437528	Bipolar affective disorder, currently depressed, moderate	Major psychiatric conditions
438998	Recurrent major depressive episodes, mild	Major psychiatric conditions
432876	Bipolar I disorder	Major psychiatric conditions
4307956	Bipolar II disorder	Major psychiatric conditions
4244078	Schizoaffective disorder, bipolar type	Major psychiatric conditions
439254	Bipolar affective disorder, current episode depression	Major psychiatric conditions
434911	Recurrent major depressive episodes, severe, with psychosis	Major psychiatric conditions
441534	Severe major depression, single episode, without psychotic features	Major psychiatric conditions
4228802	Mild recurrent major depression	Major psychiatric conditions
433450	Paranoid schizophrenia	Major psychiatric conditions
4195572	Mild major depression, single episode	Major psychiatric conditions
4049623	Moderate major depression, single episode	Major psychiatric conditions
436073	Psychotic disorder	Major psychiatric conditions
4286201	Schizoaffective disorder	Major psychiatric conditions
435783	Schizophrenia	Major psychiatric conditions
4282316	Recurrent major depression	Major psychiatric conditions
432883	Recurrent major depressive episodes, moderate	Major psychiatric conditions
432285	Recurrent major depressive episodes	Major psychiatric conditions
435220	Severe recurrent major depression without psychotic features	Major psychiatric conditions
436665	Bipolar disorder	Major psychiatric conditions
4077577	Moderate recurrent major depression	Major psychiatric conditions
4282096	Major depression, single episode	Major psychiatric conditions
440383	Depressive disorder	Major psychiatric conditions

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

312934	Atherosclerosis of aorta	Peripheral arterial/vascular disease
315558	Atherosclerosis of arteries of the extremities	Peripheral arterial/vascular disease
40484167	Arteriosclerosis of artery of extremity	Peripheral arterial/vascular disease
44782819	Chronic occlusion of artery of extremity	Peripheral arterial/vascular disease
321052	Peripheral vascular disease	Peripheral arterial/vascular disease
4189293	Vascular disorder of lower extremity	Peripheral arterial/vascular disease
441044	Atheromatous embolus of lower limb	Peripheral arterial/vascular disease
40479625	Atherosclerosis of artery	Peripheral arterial/vascular disease
317309	Peripheral arterial occlusive disease	Peripheral arterial/vascular disease
443454	Cerebral infarction	Stroke/Transient ischaemic attack
4110192	Cerebral infarction due to thrombosis of cerebral arteries	Stroke/Transient ischaemic attack
376713	Cerebral hemorrhage	Stroke/Transient ischaemic attack
43530727	Spontaneous cerebral hemorrhage	Stroke/Transient ischaemic attack
4108356	Cerebral infarction due to embolism of cerebral arteries	Stroke/Transient ischaemic attack
439040	Subdural hemorrhage	Stroke/Transient ischaemic attack
432923	Subarachnoid hemorrhage	Stroke/Transient ischaemic attack
4017107	Traumatic subdural hemorrhage	Stroke/Transient ischaemic attack
4043731	Infarction - precerebral	Stroke/Transient ischaemic attack
4111709	Non-traumatic subdural hemorrhage	Stroke/Transient ischaemic attack
4148906	Spontaneous subarachnoid hemorrhage	Stroke/Transient ischaemic attack
372924	Cerebral artery occlusion	Stroke/Transient ischaemic attack
439847	Intracranial hemorrhage	Stroke/Transient ischaemic attack
4134162	Subarachnoid hemorrhage due to traumatic injury	Stroke/Transient ischaemic attack
4014781	Closed traumatic subdural hemorrhage	Stroke/Transient ischaemic attack
45772786	Cerebral infarction due to embolism of middle cerebral artery	Stroke/Transient ischaemic attack
42873157	Intracranial hemorrhage following injury	Stroke/Transient ischaemic attack
435959	Subarachnoid hemorrhage following injury without open intracranial wound	Stroke/Transient ischaemic attack
438595	Subdural hemorrhage following injury without open intracranial wound AND with no loss of consciousness	Stroke/Transient ischaemic attack
4110189	Cerebral infarct due to thrombosis of precerebral arteries	Stroke/Transient ischaemic attack
45767658	Cerebral infarction due to thrombosis of middle cerebral artery	Stroke/Transient ischaemic attack
4144154	Non-traumatic intracerebral ventricular hemorrhage	Stroke/Transient ischaemic attack
4048277	Intraventricular (nontraumatic) hemorrhage, grade 1, of fetus and newborn	Stroke/Transient ischaemic attack
441874	Cerebral thrombosis	Stroke/Transient ischaemic attack
4110190	Cerebral infarction due to embolism of precerebral arteries	Stroke/Transient ischaemic attack
4049659	Subcortical hemorrhage	Stroke/Transient ischaemic attack
436519	Perinatal intraventricular hemorrhage	Stroke/Transient ischaemic attack
40479572	Infarct of cerebrum due to iatrogenic cerebrovascular accident	Stroke/Transient ischaemic attack
375557	Cerebral embolism	Stroke/Transient ischaemic attack
4176892	Cortical hemorrhage	Stroke/Transient ischaemic attack
4048278	Intraventricular (nontraumatic) hemorrhage, grade 2, of fetus and newborn	Stroke/Transient ischaemic attack
4306943	Epidural hemorrhage	Stroke/Transient ischaemic attack
434155	Intraventricular (nontraumatic) hemorrhage, grade 3, of fetus and newborn	Stroke/Transient ischaemic attack
4071732	Intracranial nontraumatic hemorrhage of fetus and newborn	Stroke/Transient ischaemic attack
43530851	Chronic non-traumatic intracranial subdural hemorrhage	Stroke/Transient ischaemic attack
439944	Subarachnoid hemorrhage following injury without open intracranial wound AND with no loss of consciousness	Stroke/Transient ischaemic attack
46273649	Cerebral infarction due to occlusion of basilar artery	Stroke/Transient ischaemic attack
43530674	Spontaneous cerebellar hemorrhage	Stroke/Transient ischaemic attack
372435	Periventricular leukomalacia	Stroke/Transient ischaemic attack
433899	Subdural hemorrhage following injury without open intracranial wound AND with loss of consciousness	Stroke/Transient ischaemic attack
438003	Subarachnoid hemorrhage following injury without open intracranial wound AND with loss of consciousness	Stroke/Transient ischaemic attack
440869	Intracranial hemorrhage following injury without open intracranial wound AND with no loss of consciousness	Stroke/Transient ischaemic attack
444198	Intracranial hemorrhage following injury with loss of consciousness	Stroke/Transient ischaemic attack
46270031	Cerebral infarction due to occlusion of precerebral artery	Stroke/Transient ischaemic attack
436430	Nontraumatic extradural hemorrhage	Stroke/Transient ischaemic attack

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

42535425	Spontaneous hemorrhage of cerebral hemisphere	Stroke/Transient ischaemic attack
4319328	Brain stem hemorrhage	Stroke/Transient ischaemic attack
440236	Subdural hemorrhage following injury without open intracranial wound AND with brief loss of consciousness	Stroke/Transient ischaemic attack
434789	Subarachnoid hemorrhage following injury without open intracranial wound AND with brief loss of consciousness	Stroke/Transient ischaemic attack
378544	Subdural and cerebral hemorrhage due to birth trauma	Stroke/Transient ischaemic attack
252477	Extradural hemorrhage following injury without open intracranial wound	Stroke/Transient ischaemic attack
4046360	Lacunar infarction	Stroke/Transient ischaemic attack
433058	Intracranial hemorrhage following injury without open intracranial wound AND with loss of consciousness	Stroke/Transient ischaemic attack
4318408	Subdural hematoma	Stroke/Transient ischaemic attack
438285	Subdural hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Stroke/Transient ischaemic attack
438873	Closed fracture of base of skull with intracranial hemorrhage	Stroke/Transient ischaemic attack
373347	Subdural hemorrhage following injury without open intracranial wound AND with concussion	Stroke/Transient ischaemic attack
438596	Intracranial hemorrhage following injury without open intracranial wound AND with brief loss of consciousness	Stroke/Transient ischaemic attack
443752	Ventricular hemorrhage	Stroke/Transient ischaemic attack
4111714	Cerebral infarction due to cerebral venous thrombosis, non-pyogenic	Stroke/Transient ischaemic attack
4108952	Subarachnoid hemorrhage from carotid siphon and bifurcation	Stroke/Transient ischaemic attack
4110186	Intracerebral hemorrhage, multiple localized	Stroke/Transient ischaemic attack
444197	Intracranial hemorrhage following injury with brief loss of consciousness	Stroke/Transient ischaemic attack
440537	Closed skull fracture with intracranial hemorrhage	Stroke/Transient ischaemic attack
441432	Extradural hemorrhage following injury without open intracranial wound AND with no loss of consciousness	Stroke/Transient ischaemic attack
4046090	Mixed cortical and subcortical vascular dementia	Stroke/Transient ischaemic attack
437413	Subarachnoid hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND without return to pre-existing conscious level	Stroke/Transient ischaemic attack
434166	Closed fracture of vault of skull with intracranial hemorrhage	Stroke/Transient ischaemic attack
432764	Intracranial hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) without return to pre-existing level	Stroke/Transient ischaemic attack
440250	Subarachnoid hemorrhage following injury without open intracranial wound AND with concussion	Stroke/Transient ischaemic attack
260841	Perinatal subarachnoid hemorrhage	Stroke/Transient ischaemic attack
4110185	Intracerebral hemorrhage, intraventricular	Stroke/Transient ischaemic attack
42535426	Acute nontraumatic subdural hemorrhage	Stroke/Transient ischaemic attack
4017105	Subdural hemorrhage following open wound of head	Stroke/Transient ischaemic attack
432478	Intracranial hemorrhage following injury without open intracranial wound AND with concussion	Stroke/Transient ischaemic attack
255105	Extradural hemorrhage following injury without open intracranial wound AND with loss of consciousness	Stroke/Transient ischaemic attack
40492969	Intraparenchymal hemorrhage of brain	Stroke/Transient ischaemic attack
4045737	Pure motor lacunar infarction	Stroke/Transient ischaemic attack
441709	Subarachnoid hemorrhage following injury with open intracranial wound	Stroke/Transient ischaemic attack
437133	Subdural hemorrhage following injury without open intracranial wound AND with moderate loss of consciousness	Stroke/Transient ischaemic attack
4046362	Hemorrhagic cerebral infarction	Stroke/Transient ischaemic attack
4345688	Intracerebral hemorrhage in fetus or newborn	Stroke/Transient ischaemic attack
435391	Subdural hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Stroke/Transient ischaemic attack
437106	Intracranial hemorrhage following injury with prolonged loss of consciousness without return to pre-existing conscious level	Stroke/Transient ischaemic attack
4111708	Subarachnoid hemorrhage from vertebral artery	Stroke/Transient ischaemic attack
439182	Subarachnoid hemorrhage following injury without open intracranial wound AND with moderate loss of consciousness	Stroke/Transient ischaemic attack
42539269	Spontaneous hemorrhage of brain stem	Stroke/Transient ischaemic attack
4130539	Subdural hemorrhage due to birth trauma	Stroke/Transient ischaemic attack
435390	Subarachnoid hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Stroke/Transient ischaemic attack
434785	Intracranial hemorrhage following injury with open intracranial wound	Stroke/Transient ischaemic attack
261433	Extradural hemorrhage following injury without open intracranial wound AND with brief loss of consciousness	Stroke/Transient ischaemic attack

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

436841	Intracranial hemorrhage following injury without intracranial wound AND with moderate loss of consciousness	Stroke/Transient ischaemic attack
436842	Intracranial hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Stroke/Transient ischaemic attack
4326561	Cerebellar hemorrhage	Stroke/Transient ischaemic attack
444196	Intracranial hemorrhage following injury with moderate loss of consciousness	Stroke/Transient ischaemic attack
435931	Open skull fracture with intracranial hemorrhage	Stroke/Transient ischaemic attack
4048279	Intraventricular hemorrhage due to birth injury	Stroke/Transient ischaemic attack
4045738	Pure sensory lacunar infarction	Stroke/Transient ischaemic attack
433037	Open fracture of vault of skull with intracranial hemorrhage	Stroke/Transient ischaemic attack
436526	Intracranial hemorrhage following injury with prolonged loss of consciousness AND return to pre-existing conscious level	Stroke/Transient ischaemic attack
440870	Subdural hemorrhage following injury with open intracranial wound, with no loss of consciousness	Stroke/Transient ischaemic attack
4136546	Traumatic subdural hematoma	Stroke/Transient ischaemic attack
435378	Open fracture of base of skull with intracranial hemorrhage	Stroke/Transient ischaemic attack
4071589	Cerebral hemorrhage due to birth injury	Stroke/Transient ischaemic attack
4046089	Vascular dementia of acute onset	Stroke/Transient ischaemic attack
4218781	Cerebral hemisphere hemorrhage	Stroke/Transient ischaemic attack
4142739	Thalamic infarction	Stroke/Transient ischaemic attack
37016924	Dissection of cerebral artery	Stroke/Transient ischaemic attack
4048606	Cerebellar (nontraumatic) and posterior fossa hemorrhage of fetus and newborn	Stroke/Transient ischaemic attack
440244	Subarachnoid hemorrhage following injury with open intracranial wound AND loss of consciousness	Stroke/Transient ischaemic attack
435104	Subarachnoid hemorrhage following injury with open intracranial wound, with no loss of consciousness	Stroke/Transient ischaemic attack
439194	Subdural hemorrhage following injury with open intracranial wound AND loss of consciousness	Stroke/Transient ischaemic attack
435964	Subarachnoid hemorrhage following injury with open intracranial wound AND brief loss of consciousness	Stroke/Transient ischaemic attack
4077086	Occipital cerebral infarction	Stroke/Transient ischaemic attack
433052	Intracranial hemorrhage following injury with open intracranial wound AND no loss of consciousness	Stroke/Transient ischaemic attack
4145897	Multiple lacunar infarcts	Stroke/Transient ischaemic attack
436557	Extradural hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Stroke/Transient ischaemic attack
4071066	Subarachnoid hemorrhage due to birth injury	Stroke/Transient ischaemic attack
435960	Extradural hemorrhage following injury with open intracranial wound	Stroke/Transient ischaemic attack
433624	Intracranial hemorrhage following injury with open intracranial wound AND loss of consciousness	Stroke/Transient ischaemic attack
381440	Extradural hemorrhage following injury without open intracranial wound AND with concussion	Stroke/Transient ischaemic attack
435672	Intracranial hemorrhage following injury with open intracranial wound and prolonged loss of consciousness (more than 24 hours) without return to pre-existing level	Stroke/Transient ischaemic attack
36716544	Fetal or neonatal non-traumatic intraventricular hemorrhage	Stroke/Transient ischaemic attack
4146185	Right sided cerebral infarction	Stroke/Transient ischaemic attack
4141405	Left sided cerebral infarction	Stroke/Transient ischaemic attack
4131383	Infarction of basal ganglia	Stroke/Transient ischaemic attack
432474	Subdural hemorrhage following injury with open intracranial wound and prolonged loss of consciousness (more than 24 hours) and without return to pre-existing conscious level	Stroke/Transient ischaemic attack
256844	Extradural hemorrhage following injury without open intracranial wound AND with moderate loss of consciousness	Stroke/Transient ischaemic attack
432752	Subdural hemorrhage following injury with open intracranial wound AND brief loss of consciousness	Stroke/Transient ischaemic attack
439171	Subarachnoid hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Stroke/Transient ischaemic attack
433050	Subdural hemorrhage following injury with open intracranial wound AND concussion	Stroke/Transient ischaemic attack
42535424	Spontaneous hemorrhage of cortical intracerebral hemisphere	Stroke/Transient ischaemic attack
42872427	Cerebral hemorrhage following injury	Stroke/Transient ischaemic attack
439950	Intracranial hemorrhage following injury with open intracranial wound AND concussion	Stroke/Transient ischaemic attack
441158	Intracranial hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Stroke/Transient ischaemic attack
43531607	Cerebral infarction due to stenosis of carotid artery	Stroke/Transient ischaemic attack

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4112018	Basal ganglia hemorrhage	Stroke/Transient ischaemic attack
4045745	Thalamic hemorrhage	Stroke/Transient ischaemic attack
373057	Subarachnoid hemorrhage following injury with open intracranial wound AND concussion	Stroke/Transient ischaemic attack
4138327	Acute lacunar infarction	Stroke/Transient ischaemic attack
433623	Intracranial hemorrhage following injury with open intracranial wound AND brief loss of consciousness	Stroke/Transient ischaemic attack
256556	Extradural hemorrhage following injury without open intracranial wound AND with prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Stroke/Transient ischaemic attack
441985	Subdural hemorrhage following injury with open intracranial wound AND moderate loss of consciousness	Stroke/Transient ischaemic attack
438894	Subarachnoid hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Stroke/Transient ischaemic attack
42538062	Spontaneous intracranial hemorrhage	Stroke/Transient ischaemic attack
440251	Subarachnoid hemorrhage following injury with open intracranial wound AND moderate loss of consciousness	Stroke/Transient ischaemic attack
43530683	Cerebral infarction due to carotid artery occlusion	Stroke/Transient ischaemic attack
4176148	Extradural intracranial hematoma	Stroke/Transient ischaemic attack
433051	Extradural hemorrhage following injury with open intracranial wound, with no loss of consciousness	Stroke/Transient ischaemic attack
432475	Extradural hemorrhage following injury with open intracranial wound AND brief loss of consciousness	Stroke/Transient ischaemic attack
440561	Intracranial hemorrhage following injury with intracranial wound AND moderate loss of consciousness	Stroke/Transient ischaemic attack
4136545	Traumatic extradural hematoma	Stroke/Transient ischaemic attack
4129534	Pituitary apoplexy	Stroke/Transient ischaemic attack
438279	Extradural hemorrhage following injury with open intracranial wound AND loss of consciousness	Stroke/Transient ischaemic attack
436553	Subdural hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Stroke/Transient ischaemic attack
4173481	Cerebromeningeal hemorrhage	Stroke/Transient ischaemic attack
439949	Extradural hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) without return to pre-existing conscious level	Stroke/Transient ischaemic attack
434508	Extradural hemorrhage following injury with open intracranial wound AND concussion	Stroke/Transient ischaemic attack
4199890	Hematoma of brain	Stroke/Transient ischaemic attack
436258	Extradural hemorrhage following injury with open intracranial wound AND prolonged loss of consciousness (more than 24 hours) AND return to pre-existing conscious level	Stroke/Transient ischaemic attack
4121664	Chronic intracranial subdural hematoma	Stroke/Transient ischaemic attack
442341	Extradural hemorrhage following injury with open intracranial wound AND moderate loss of consciousness	Stroke/Transient ischaemic attack
4106058	Non-traumatic intracranial subdural hematoma	Stroke/Transient ischaemic attack
4077958	Subarachnoid hemorrhage from anterior communicating artery aneurysm	Stroke/Transient ischaemic attack
4079973	Perinatal subependymal hemorrhage	Stroke/Transient ischaemic attack
4299377	Intrapontine hemorrhage	Stroke/Transient ischaemic attack
44782730	Nontraumatic intraparenchymal cerebral hemorrhage	Stroke/Transient ischaemic attack
4077201	Subarachnoid hemorrhage from basilar artery aneurysm	Stroke/Transient ischaemic attack
4045744	Lobar cerebral hemorrhage	Stroke/Transient ischaemic attack
4328027	Intraparenchymal hematoma of brain	Stroke/Transient ischaemic attack
4242720	Intracranial hematoma following injury	Stroke/Transient ischaemic attack
4046365	Subarachnoid hemorrhage due to ruptured aneurysm	Stroke/Transient ischaemic attack
42872434	Intracranial hematoma	Stroke/Transient ischaemic attack
4174299	Perinatal intracranial hemorrhage	Stroke/Transient ischaemic attack
4045735	Anterior cerebral circulation infarction	Stroke/Transient ischaemic attack
4178726	Internal capsule hemorrhage	Stroke/Transient ischaemic attack
37116267	Hemorrhage of medulla oblongata	Stroke/Transient ischaemic attack
4201635	Traumatic subdural hematoma with open intracranial wound	Stroke/Transient ischaemic attack
36716579	Traumatic subarachnoid hemorrhage without coma	Stroke/Transient ischaemic attack
4129535	Pituitary hemorrhage	Stroke/Transient ischaemic attack
46270380	Cerebral infarction due to vertebral artery stenosis	Stroke/Transient ischaemic attack
45766830	Non-aneurysmal perimesencephalic subarachnoid hemorrhage	Stroke/Transient ischaemic attack
44782773	Cerebral infarction due to vertebral artery occlusion	Stroke/Transient ischaemic attack
43530728	Subacute non-traumatic intracranial subdural hemorrhage	Stroke/Transient ischaemic attack
42873046	Hemorrhage in putamen	Stroke/Transient ischaemic attack
42873045	Hemorrhage in caudate nucleus	Stroke/Transient ischaemic attack
37110679	Cerebral ischemic stroke due to stenosis of extracranial large artery	Stroke/Transient ischaemic attack
36717605	Silent cerebral infarct	Stroke/Transient ischaemic attack

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

36716627	Traumatic intraventricular hemorrhage	Stroke/Transient ischaemic attack
36716567	Focal hemorrhagic contusion of cerebrum	Stroke/Transient ischaemic attack
4201094	Cerebellar hematoma	Stroke/Transient ischaemic attack
4196275	Traumatic subdural hematoma without open intracranial wound	Stroke/Transient ischaemic attack
4180743	Intraventricular hemorrhage of fetus	Stroke/Transient ischaemic attack
4171123	Perinatal subependymal hemorrhage with intraventricular and intracerebral extension	Stroke/Transient ischaemic attack
4154699	Traumatic intracranial subdural hematoma with brief loss of consciousness	Stroke/Transient ischaemic attack
4151359	Pars basalis hemorrhage	Stroke/Transient ischaemic attack
4139778	Hemorrhage due to ruptured congenital cerebral aneurysm	Stroke/Transient ischaemic attack
4112019	External capsule hemorrhage	Stroke/Transient ischaemic attack
4085234	Non-traumatic extradural intracranial hematoma	Stroke/Transient ischaemic attack
4080892	Intracerebellar and posterior fossa hemorrhage	Stroke/Transient ischaemic attack
4079972	Intraventricular hemorrhage of prematurity	Stroke/Transient ischaemic attack
4078448	Subarachnoid hemorrhage from carotid artery aneurysm	Stroke/Transient ischaemic attack
4078447	Subarachnoid hemorrhage from posterior inferior cerebellar artery aneurysm	Stroke/Transient ischaemic attack
4078446	Subarachnoid hemorrhage from middle cerebral artery aneurysm	Stroke/Transient ischaemic attack
4077959	Subarachnoid hemorrhage from posterior communicating artery aneurysm	Stroke/Transient ischaemic attack
4077828	Subarachnoid hemorrhage from anterior cerebral artery aneurysm	Stroke/Transient ischaemic attack
4077827	Subarachnoid hemorrhage from multiple aneurysms	Stroke/Transient ischaemic attack
4077200	Subarachnoid hemorrhage from posterior cerebral artery aneurysm	Stroke/Transient ischaemic attack
4047731	Local subdural hematoma due to birth trauma	Stroke/Transient ischaemic attack
4046361	Pure sensorimotor lacunar infarction	Stroke/Transient ischaemic attack
4046359	Partial anterior cerebral circulation infarction	Stroke/Transient ischaemic attack
4045746	Lacunar hemorrhage	Stroke/Transient ischaemic attack
4045741	Dysarthria-clumsy hand syndrome	Stroke/Transient ischaemic attack
4045740	Lacunar ataxic hemiparesis	Stroke/Transient ischaemic attack
4043732	Posterior cerebral circulation hemorrhagic infarction	Stroke/Transient ischaemic attack
4009796	Intracranial hemorrhage following injury without open intracranial wound	Stroke/Transient ischaemic attack
762937	Cerebral infarction due to cerebral venous thrombosis	Stroke/Transient ischaemic attack
46273491	Spontaneous cerebral hemorrhage with compression of brain	Stroke/Transient ischaemic attack
46270111	Nontraumatic subarachnoid hemorrhage with brain compression	Stroke/Transient ischaemic attack
45766120	Convexal subarachnoid hemorrhage	Stroke/Transient ischaemic attack
45766119	Perimesencephalic subarachnoid hemorrhage	Stroke/Transient ischaemic attack
45766118	Non-aneurysmal subarachnoid intracranial hemorrhage	Stroke/Transient ischaemic attack
45766068	Deep hemispheric cerebral hemorrhage	Stroke/Transient ischaemic attack
43530671	Nontraumatic subdural hematoma with brain compression	Stroke/Transient ischaemic attack
42873123	Hemorrhage of intracranial meningeal space	Stroke/Transient ischaemic attack
42873044	Hemorrhage in globus pallidus	Stroke/Transient ischaemic attack
42873042	Subpial intracranial hemorrhage	Stroke/Transient ischaemic attack
42537643	Dissection of basilar artery	Stroke/Transient ischaemic attack
42535465	Lacunar ataxic hemiparesis of right dominant side	Stroke/Transient ischaemic attack
37394466	Intraventricular (nontraumatic) haemorrhage, grade 4, of fetus and newborn	Stroke/Transient ischaemic attack
37116473	Multifocal cerebral infarction due to and following procedure on cardiovascular system	Stroke/Transient ischaemic attack
37109909	Silent micro-hemorrhage of brain	Stroke/Transient ischaemic attack
37109288	Traumatic subarachnoid hemorrhage with loss of consciousness	Stroke/Transient ischaemic attack
36716583	Multiple traumatic hemorrhages of brain tissue	Stroke/Transient ischaemic attack
36716580	Traumatic hemorrhage of cerebral white matter	Stroke/Transient ischaemic attack
36716572	Focal traumatic hematoma of cerebellum	Stroke/Transient ischaemic attack
36716545	Fetal or neonatal intracerebral non-traumatic hemorrhage	Stroke/Transient ischaemic attack
4323618	Occipital subdural hematoma	Stroke/Transient ischaemic attack
4319146	Pituitary infarction	Stroke/Transient ischaemic attack
4298750	Periventricular hemorrhagic venous infarct	Stroke/Transient ischaemic attack
4201028	Traumatic extradural hematoma with open intracranial wound	Stroke/Transient ischaemic attack
4196276	Traumatic extradural hematoma without open intracranial wound	Stroke/Transient ischaemic attack
4183593	Subdural hemorrhage in fetus or newborn	Stroke/Transient ischaemic attack
4180610	Occipital extradural hematoma	Stroke/Transient ischaemic attack
4162754	Postpartum intrapituitary hemorrhage	Stroke/Transient ischaemic attack
4119140	Infarction of visual cortex	Stroke/Transient ischaemic attack
4048784	Anterior cerebral circulation hemorrhagic infarction	Stroke/Transient ischaemic attack
4048133	Extradural hemorrhage in fetus or newborn	Stroke/Transient ischaemic attack
4047732	Cerebral hematoma in fetus or newborn	Stroke/Transient ischaemic attack
4046364	Subarachnoid hemorrhage due to ruptured arteriovenous malformation	Stroke/Transient ischaemic attack
4046358	Total anterior cerebral circulation infarction	Stroke/Transient ischaemic attack
4045743	Massive supratentorial cerebral hemorrhage	Stroke/Transient ischaemic attack

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4031045	Anterior choroidal artery syndrome	Stroke/Transient ischaemic attack
765899	Dissecting aneurysm of cerebral artery	Stroke/Transient ischaemic attack
765515	Cerebral infarction due to basilar artery stenosis	Stroke/Transient ischaemic attack
764721	Cerebrovascular accident with intracranial hemorrhage	Stroke/Transient ischaemic attack
763015	Cerebral infarction due to middle cerebral artery occlusion	Stroke/Transient ischaemic attack
762935	Cerebral infarction due to internal carotid artery occlusion	Stroke/Transient ischaemic attack
762934	Cerebral infarction due to posterior cerebral artery occlusion	Stroke/Transient ischaemic attack
762933	Cerebral infarction due to cerebral artery occlusion	Stroke/Transient ischaemic attack
762585	Dissecting aneurysm of anterior cerebral artery	Stroke/Transient ischaemic attack
762583	Dissecting aneurysm of middle cerebral artery	Stroke/Transient ischaemic attack
46272244	Transient ischemic attack due to embolism	Stroke/Transient ischaemic attack
40485430	Recurrent transient cerebral ischemic attack	Stroke/Transient ischaemic attack
36712813	Amaurosis fugax of right eye	Stroke/Transient ischaemic attack
36712812	Amaurosis fugax of left eye	Stroke/Transient ischaemic attack
4338523	Amaurosis fugax	Stroke/Transient ischaemic attack
4139517	Transient cerebral ischemia due to atrial fibrillation	Stroke/Transient ischaemic attack
4112020	Carotid artery syndrome hemispheric	Stroke/Transient ischaemic attack
4110195	Posterior cerebral artery syndrome	Stroke/Transient ischaemic attack
4110194	Middle cerebral artery syndrome	Stroke/Transient ischaemic attack
4108360	Anterior cerebral artery syndrome	Stroke/Transient ischaemic attack
4048785	Vertebrobasilar territory transient ischemic attack	Stroke/Transient ischaemic attack
4043734	Carotid territory transient ischemic attack	Stroke/Transient ischaemic attack
374055	Basilar artery syndrome	Stroke/Transient ischaemic attack
373503	Transient cerebral ischemia	Stroke/Transient ischaemic attack
438120	Opioid dependence	Substance Abuse
435243	Alcohol dependence	Substance Abuse
433753	Alcohol abuse	Substance Abuse
4239381	Psychoactive substance abuse	Substance Abuse
375519	Alcohol withdrawal syndrome	Substance Abuse
440069	Drug dependence	Substance Abuse
196463	Alcoholic cirrhosis	Substance Abuse
439312	Nondependent mixed drug abuse	Substance Abuse
440693	Continuous opioid dependence	Substance Abuse
436953	Continuous chronic alcoholism	Substance Abuse
439005	Chronic alcoholism in remission	Substance Abuse
432301	Opioid dependence in remission	Substance Abuse
40479573	Stimulant abuse	Substance Abuse
46269816	Ascites due to alcoholic cirrhosis	Substance Abuse
377830	Alcohol withdrawal delirium	Substance Abuse
435534	Nondependent alcohol abuse, continuous	Substance Abuse
36714559	Disorder caused by alcohol	Substance Abuse
441276	Nondependent alcohol abuse in remission	Substance Abuse
201612	Alcoholic liver damage	Substance Abuse
437257	Continuous acute alcoholic intoxication in alcoholism	Substance Abuse
4340383	Alcoholic hepatitis	Substance Abuse
4102817	Combined opioid with other drug dependence, continuous	Substance Abuse
195300	Alcoholic gastritis	Substance Abuse
193256	Alcoholic fatty liver	Substance Abuse
440685	Nondependent alcohol abuse, episodic	Substance Abuse
4099809	Combined opioid with other drug dependence	Substance Abuse
434019	Nondependent cannabis abuse, continuous	Substance Abuse
4103426	Nondependent mixed drug abuse in remission	Substance Abuse
435532	Episodic chronic alcoholism	Substance Abuse
378421	Alcoholic polyneuropathy	Substance Abuse
435231	Nondependent cannabis abuse in remission	Substance Abuse
434016	Nondependent opioid abuse, continuous	Substance Abuse
436097	Nondependent mixed drug abuse, continuous	Substance Abuse
436585	Toxic effect of ethyl alcohol	Substance Abuse
434328	Nondependent cannabis abuse, episodic	Substance Abuse
439796	Nondependent cocaine abuse, continuous	Substance Abuse
4279309	Substance abuse	Substance Abuse
376383	Alcohol-induced organic mental disorder	Substance Abuse
4088373	Alcohol intoxication delirium	Substance Abuse
4340386	Alcoholic hepatic failure	Substance Abuse
440379	Episodic opioid dependence	Substance Abuse
374623	Alcohol amnestic disorder	Substance Abuse
435983	Accidental poisoning with ethyl alcohol	Substance Abuse
440694	Nondependent mixed drug abuse, episodic	Substance Abuse
372607	Alcohol hallucinosis	Substance Abuse
4026131	Non-alcoholic fatty liver	Substance Abuse
441261	Episodic acute alcoholic intoxication in alcoholism	Substance Abuse

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4218106	Alcoholism	Substance Abuse
45757783	Gastric hemorrhage due to alcoholic gastritis	Substance Abuse
439277	Alcohol withdrawal hallucinosis	Substance Abuse
438126	Amphetamine abuse, continuous	Substance Abuse
4100520	Combined opioid with other drug dependence in remission	Substance Abuse
4100524	Nondependent hypnotic or anxiolytic abuse, continuous	Substance Abuse
374317	Alcohol-induced psychosis	Substance Abuse
440992	Abuse of antidepressant drug	Substance Abuse
441465	Accidental poisoning by alcoholic beverage	Substance Abuse
4103413	Combined opioid with other drug dependence, episodic	Substance Abuse
432609	Acute alcoholic intoxication in remission, in alcoholism	Substance Abuse
45757093	Alcohol dependence in pregnancy	Substance Abuse
440381	Nondependent hallucinogen abuse, continuous	Substance Abuse
436954	Drug abuse	Substance Abuse
43530681	Drug abuse in remission	Substance Abuse
434627	Nondependent antidepressant type drug abuse, continuous	Substance Abuse
4144765	Drug-induced disorder of liver	Substance Abuse
4333676	Heroin dependence	Substance Abuse
4332883	Methadone dependence	Substance Abuse
4109691	Persistent alcohol abuse	Substance Abuse
4275756	Dependent drug abuse	Substance Abuse
4152165	Nondependent alcohol abuse	Substance Abuse
441272	Nondependent hallucinogen abuse in remission	Substance Abuse
4175635	Non dependent drug abuse	Substance Abuse
37017563	Severe alcohol dependence	Substance Abuse
439313	Nondependent antidepressant type drug abuse in remission	Substance Abuse
4089921	Abuse of antacids	Substance Abuse
4092159	Abuse of vitamins	Substance Abuse
434917	Nondependent antidepressant type drug abuse, episodic	Substance Abuse
37018356	Moderate alcohol dependence	Substance Abuse
42872387	Opioid dependence, on agonist therapy	Substance Abuse
4145220	Drug abuse, continuous	Substance Abuse
4143110	Episodic drug abuse	Substance Abuse
4103419	Nondependent cannabis abuse	Substance Abuse
439554	Hypnotic or anxiolytic abuse	Substance Abuse
4321741	Drug habituation	Substance Abuse
4148021	Esophageal varices in alcoholic cirrhosis of the liver	Substance Abuse
4338027	Morphine dependence	Substance Abuse
4146181	Chronic alcoholic hepatitis	Substance Abuse
4001994	Chronic drug abuse	Substance Abuse
37017009	Chronic alcoholic liver disease	Substance Abuse
4333674	Abuse of nonpsychotropic analgesic drugs	Substance Abuse
438732	Nondependent hallucinogen abuse, episodic	Substance Abuse
4310679	Uncomplicated alcohol withdrawal	Substance Abuse
4332990	Opium dependence	Substance Abuse
4138193	Fentanyl dependence	Substance Abuse
36715922	Fibrosis of liver caused by alcohol	Substance Abuse
4143008	Drug-induced cirrhosis of liver	Substance Abuse
4024993	Drug-induced gastrointestinal disturbance	Substance Abuse
37110407	Opioid dependence with current use	Substance Abuse
4103424	Nondependent amphetamine or psychostimulant abuse, continuous	Substance Abuse
4091716	Abuse of diuretics	Substance Abuse
37017329	Mild alcohol dependence	Substance Abuse
4085362	Abuse of drugs to lose weight	Substance Abuse
4091715	Abuse of herbal medicine	Substance Abuse
4150794	Nondependent hallucinogen abuse	Substance Abuse
37109948	Perceptual disturbances and seizures co-occurrent and due to alcohol withdrawal	Substance Abuse
44782433	Chronic abuse of laxatives	Substance Abuse
4195620	Zieve's syndrome	Substance Abuse
42539100	Synthetic cannabinoid abuse	Substance Abuse
36713086	Alcohol induced disorder co-occurrent and due to alcohol dependence	Substance Abuse
201826	Type 2 diabetes mellitus	Type 2 Diabetes
4193704	Type 2 diabetes mellitus without complication	Type 2 Diabetes
40482801	Type II diabetes mellitus uncontrolled	Type 2 Diabetes
37016349	Hyperglycemia due to type 2 diabetes mellitus	Type 2 Diabetes
376065	Disorder of nervous system due to type 2 diabetes mellitus	Type 2 Diabetes
443731	Renal disorder due to type 2 diabetes mellitus	Type 2 Diabetes
443732	Disorder due to type 2 diabetes mellitus	Type 2 Diabetes
43531578	Chronic kidney disease due to type 2 diabetes mellitus	Type 2 Diabetes
442793	Complication due to diabetes mellitus	Type 2 Diabetes

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

443729	Peripheral circulatory disorder due to type 2 diabetes mellitus	Type 2 Diabetes
201820	Diabetes mellitus	Type 2 Diabetes
376112	Polyneuropathy due to diabetes mellitus	Type 2 Diabetes
37017432	Polyneuropathy due to type 2 diabetes mellitus	Type 2 Diabetes
443733	Disorder of eye due to type 2 diabetes mellitus	Type 2 Diabetes
43530690	Foot ulcer due to type 2 diabetes mellitus	Type 2 Diabetes
376683	Nonproliferative retinopathy due to diabetes mellitus	Type 2 Diabetes
195771	Secondary diabetes mellitus	Type 2 Diabetes
4008576	Diabetes mellitus without complication	Type 2 Diabetes
380097	Macular edema due to diabetes mellitus	Type 2 Diabetes
380096	Proliferative retinopathy due to diabetes mellitus	Type 2 Diabetes
43530685	Proliferative retinopathy due to type 2 diabetes mellitus	Type 2 Diabetes
45757435	Mild nonproliferative retinopathy due to type 2 diabetes mellitus	Type 2 Diabetes
4009303	Diabetic ketoacidosis without coma	Type 2 Diabetes
443734	Ketoacidosis due to type 2 diabetes mellitus	Type 2 Diabetes
45770830	Macular edema and retinopathy due to type 2 diabetes mellitus	Type 2 Diabetes
45757363	Hypoglycemia due to type 2 diabetes mellitus	Type 2 Diabetes
4099651	Type 2 diabetes mellitus with ulcer	Type 2 Diabetes
45770881	Moderate nonproliferative retinopathy due to type 2 diabetes mellitus	Type 2 Diabetes
37016768	Autonomic neuropathy due to type 2 diabetes mellitus	Type 2 Diabetes
192279	Disorder of kidney due to diabetes mellitus	Type 2 Diabetes
378743	Mild nonproliferative retinopathy due to diabetes mellitus	Type 2 Diabetes
4044391	Neuropathy due to diabetes mellitus	Type 2 Diabetes
4131908	Peripheral angiopathy due to diabetes mellitus	Type 2 Diabetes
201530	Hyperosmolar coma due to type 2 diabetes mellitus	Type 2 Diabetes
4222876	Gangrene due to type 2 diabetes mellitus	Type 2 Diabetes
43531616	Dermopathy due to type 2 diabetes mellitus	Type 2 Diabetes
443730	Disorder of nervous system due to diabetes mellitus	Type 2 Diabetes
377552	Moderate nonproliferative retinopathy due to diabetes mellitus	Type 2 Diabetes
43530656	Nonproliferative retinopathy due to type 2 diabetes mellitus	Type 2 Diabetes
4198296	Type 2 diabetes mellitus with neuropathic arthropathy	Type 2 Diabetes
443238	Diabetic - poor control	Type 2 Diabetes
4221495	Cataract due to diabetes mellitus type 2	Type 2 Diabetes
443767	Disorder of eye due to diabetes mellitus	Type 2 Diabetes
4174977	Retinopathy due to diabetes mellitus	Type 2 Diabetes
4222415	Mononeuropathy due to type 2 diabetes mellitus	Type 2 Diabetes
4290822	Severe nonproliferative retinopathy with clinically significant macular edema due to diabetes mellitus	Type 2 Diabetes
4159742	Diabetic foot ulcer	Type 2 Diabetes
443735	Coma due to diabetes mellitus	Type 2 Diabetes
321822	Peripheral vascular disorder due to diabetes mellitus	Type 2 Diabetes
4202383	Drug-induced diabetes mellitus	Type 2 Diabetes
4311708	Diabetic peripheral neuropathy	Type 2 Diabetes
376114	Severe nonproliferative retinopathy due to diabetes mellitus	Type 2 Diabetes
4029420	Severe hyperglycemia due to diabetes mellitus	Type 2 Diabetes
376979	Cataract due to diabetes mellitus	Type 2 Diabetes
4196141	Arthropathy due to type 2 diabetes mellitus	Type 2 Diabetes
4266637	Severe nonproliferative retinopathy without macular edema due to diabetes mellitus	Type 2 Diabetes
4175440	Autonomic neuropathy due to diabetes mellitus	Type 2 Diabetes
443727	Diabetic ketoacidosis	Type 2 Diabetes
43530689	Peripheral neuropathy due to type 2 diabetes mellitus	Type 2 Diabetes
4140466	Lumbosacral radiculoplexus neuropathy due to type 2 diabetes mellitus	Type 2 Diabetes
4029423	Hypoglycemia due to diabetes mellitus	Type 2 Diabetes
43531564	Dyslipidemia due to type 2 diabetes mellitus	Type 2 Diabetes
4304377	Type 2 diabetes mellitus in obese	Type 2 Diabetes
4048028	Diabetic mononeuropathy	Type 2 Diabetes
4200875	Type 2 diabetes mellitus with peripheral angiopathy	Type 2 Diabetes
40480000	Multiple complications due to diabetes mellitus	Type 2 Diabetes
4130162	Insulin treated type 2 diabetes mellitus	Type 2 Diabetes
4247107	O/E - right eye background diabetic retinopathy	Type 2 Diabetes
4227657	Skin ulcer due to diabetes mellitus	Type 2 Diabetes
4235260	O/E - left eye background diabetic retinopathy	Type 2 Diabetes
4033942	Diabetic dermopathy	Type 2 Diabetes
36714116	Hypoglycemic coma due to type 2 diabetes mellitus	Type 2 Diabetes
4114427	Neuropathic arthropathy due to diabetes mellitus	Type 2 Diabetes
4226354	Gangrene due to diabetes mellitus	Type 2 Diabetes
4137220	Diabetic glomerulonephritis	Type 2 Diabetes
4226238	Hyperosmolar coma due to diabetes mellitus	Type 2 Diabetes
4095288	Ketoacidotic coma due to diabetes mellitus	Type 2 Diabetes
45773064	Traction detachment of retina due to type 2 diabetes mellitus	Type 2 Diabetes

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4234742	Diabetic neuropathy with neurologic complication	Type 2 Diabetes
4191611	Lumbosacral radiculoplexus neuropathy due to diabetes mellitus	Type 2 Diabetes
35626038	Mild nonproliferative retinopathy of right eye due to diabetes mellitus	Type 2 Diabetes
193323	Neonatal diabetes mellitus	Type 2 Diabetes
45757474	Diabetes mellitus type 2 without retinopathy	Type 2 Diabetes
4099216	Multiple complications due to type 2 diabetes mellitus	Type 2 Diabetes
35626039	Mild nonproliferative retinopathy of left eye due to diabetes mellitus	Type 2 Diabetes
4128221	Microalbuminuric diabetic nephropathy	Type 2 Diabetes
4230254	Type 2 diabetes mellitus in nonobese	Type 2 Diabetes
4255401	O/E - right eye proliferative diabetic retinopathy	Type 2 Diabetes
37017430	Gastroparesis due to diabetes mellitus	Type 2 Diabetes
4252356	O/E - left eye proliferative diabetic retinopathy	Type 2 Diabetes
4334884	Disorder of macula due to diabetes mellitus	Type 2 Diabetes
4063043	Pre-existing type 2 diabetes mellitus	Type 2 Diabetes
4226121	Retinopathy due to type 2 diabetes mellitus	Type 2 Diabetes
4226798	Hypoglycemic coma due to diabetes mellitus	Type 2 Diabetes
4327944	Malnutrition related diabetes mellitus	Type 2 Diabetes
37016358	Moderate nonproliferative retinopathy due to secondary diabetes mellitus	Type 2 Diabetes
43531653	Chronic kidney disease stage 3 due to type 2 diabetes mellitus	Type 2 Diabetes
4228443	Ketoacidotic coma due to type 2 diabetes mellitus	Type 2 Diabetes
4030664	Proteinuric nephropathy due to diabetes mellitus	Type 2 Diabetes
4177050	Erectile dysfunction due to type 2 diabetes mellitus	Type 2 Diabetes
45770880	Hyperlipidemia due to type 2 diabetes mellitus	Type 2 Diabetes
4221487	Persistent microalbuminuria due to type 2 diabetes mellitus	Type 2 Diabetes
4099334	Steroid-induced diabetes	Type 2 Diabetes
35626041	Moderate nonproliferative diabetic retinopathy of right eye	Type 2 Diabetes
35626042	Moderate nonproliferative diabetic retinopathy of left eye	Type 2 Diabetes
37016355	Hyperosmolar coma due to secondary diabetes mellitus	Type 2 Diabetes
4087682	Diabetic foot	Type 2 Diabetes
4105639	Chronic painful neuropathy due to diabetes mellitus	Type 2 Diabetes
43531566	Chronic kidney disease stage 2 due to type 2 diabetes mellitus	Type 2 Diabetes
4223739	Persistent proteinuria due to type 2 diabetes mellitus	Type 2 Diabetes
37018728	Gastroparesis due to type 2 diabetes mellitus	Type 2 Diabetes
4255399	O/E - right eye preproliferative diabetic retinopathy	Type 2 Diabetes
4255400	O/E - left eye preproliferative diabetic retinopathy	Type 2 Diabetes
4212441	O/E - right eye stable treated proliferative diabetic retinopathy	Type 2 Diabetes
4215961	O/E - left eye stable treated proliferative diabetic retinopathy	Type 2 Diabetes
43531577	Chronic kidney disease stage 4 due to type 2 diabetes mellitus	Type 2 Diabetes
35626043	Severe nonproliferative retinopathy of right eye due to diabetes mellitus	Type 2 Diabetes
35626044	Severe nonproliferative retinopathy of left eye due to diabetes mellitus	Type 2 Diabetes
4105172	Preproliferative retinopathy due to diabetes mellitus	Type 2 Diabetes
4105173	Advanced maculopathy due to diabetes mellitus	Type 2 Diabetes
4034964	Abnormal metabolic state due to diabetes mellitus	Type 2 Diabetes
43531006	Maturity onset diabetes of the young, type 1	Type 2 Diabetes
4096042	Malnutrition-related diabetes mellitus without complications	Type 2 Diabetes
4171406	Infection of foot due to diabetes mellitus	Type 2 Diabetes
4209538	Advanced retinal disease due to diabetes mellitus	Type 2 Diabetes
37016356	Mild nonproliferative retinopathy due to secondary diabetes mellitus	Type 2 Diabetes
4016047	Loss of hypoglycemic warning due to diabetes mellitus	Type 2 Diabetes
4061725	Cellulitis of foot due to diabetes mellitus	Type 2 Diabetes
4065354	Neuropathic ulcer of foot due to diabetes mellitus	Type 2 Diabetes
43531640	Maturity-onset diabetes of the young	Type 2 Diabetes
40482458	Macroalbuminuric nephropathy due to diabetes mellitus	Type 2 Diabetes
37016354	Neuropathy due to type 2 diabetes mellitus	Type 2 Diabetes
4130164	Maturity onset diabetes of the young, type 2	Type 2 Diabetes
4338901	Traction detachment of retina due to diabetes mellitus	Type 2 Diabetes
4099652	Multiple complications due to malnutrition related diabetes	Type 2 Diabetes
4063569	Ischemic ulcer of foot due to diabetes mellitus	Type 2 Diabetes
4129524	Insulin resistance - type A	Type 2 Diabetes
37110593	Lesion of skin due to diabetes mellitus	Type 2 Diabetes
4206115	Glomerulopathy due to diabetes mellitus	Type 2 Diabetes
45757449	Ulcer of toe due to type 2 diabetes mellitus	Type 2 Diabetes
4027121	Nephrotic syndrome due to diabetes mellitus	Type 2 Diabetes
4096671	Malnutrition-related diabetes mellitus with peripheral circulatory complications	Type 2 Diabetes
40480031	Hyperglycemic crisis due to diabetes mellitus	Type 2 Diabetes
4101478	Microaneurysm of retinal artery due to diabetes mellitus	Type 2 Diabetes
35626067	Macular edema of right eye due to diabetes mellitus	Type 2 Diabetes
4178452	Diabetes mellitus associated with pancreatic disease	Type 2 Diabetes

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

4054812	Mixed sensorimotor polyneuropathy due to diabetes mellitus	Type 2 Diabetes
43531559	Chronic kidney disease stage 1 due to type 2 diabetes mellitus	Type 2 Diabetes
35626068	Macular edema of left eye due to diabetes mellitus	Type 2 Diabetes
4192852	Diabetes mellitus due to insulin receptor antibodies	Type 2 Diabetes
37016350	Dermatitis due to drug induced diabetes mellitus	Type 2 Diabetes
45757278	Peripheral sensory neuropathy due to type 2 diabetes mellitus	Type 2 Diabetes
4215719	Hyperosmolar non-ketotic state due to type 2 diabetes mellitus	Type 2 Diabetes
4143529	Diabetes mellitus associated with cystic fibrosis	Type 2 Diabetes
43531651	Mixed hyperlipidemia due to type 2 diabetes mellitus	Type 2 Diabetes
4096670	Malnutrition-related diabetes mellitus with renal complications	Type 2 Diabetes
4224879	Disorder of nervous system due to malnutrition related diabetes mellitus	Type 2 Diabetes
45766050	Diabetes mellitus in remission	Type 2 Diabetes
4131117	Sensory neuropathy due to diabetes mellitus	Type 2 Diabetes
4221933	Coma due to malnutrition-related diabetes mellitus	Type 2 Diabetes
4114426	Diabetic hand syndrome	Type 2 Diabetes
4129520	Nocturnal hypoglycemia due to diabetes mellitus	Type 2 Diabetes
4105016	Acute painful diabetic neuropathy	Type 2 Diabetes
4096041	Malnutrition-related diabetes mellitus with ketoacidosis	Type 2 Diabetes
45771064	Hypertension in chronic kidney disease due to type 2 diabetes mellitus	Type 2 Diabetes
36712670	Skin ulcer due to type 2 diabetes mellitus	Type 2 Diabetes
4169240	Bullosis diabeticorum	Type 2 Diabetes
4224419	Disorder of eye due to malnutrition related diabetes mellitus	Type 2 Diabetes
4101887	Mononeuritis multiplex with diabetes mellitus	Type 2 Diabetes
43531562	Chronic kidney disease stage 5 due to type 2 diabetes mellitus	Type 2 Diabetes
4189418	Radiculoplexus neuropathy due to diabetes mellitus	Type 2 Diabetes
45769905	Microalbuminuria due to type 2 diabetes mellitus	Type 2 Diabetes
4147719	Hyperosmolar non-ketotic state due to diabetes mellitus	Type 2 Diabetes
45772060	Hypoglycemia unawareness due to type 2 diabetes mellitus	Type 2 Diabetes
4029422	Hypoglycemic event due to diabetes	Type 2 Diabetes
4062687	Pre-existing malnutrition-related diabetes mellitus	Type 2 Diabetes
4144583	Diabetes mellitus due to cystic fibrosis	Type 2 Diabetes
4307799	Anemia due to diabetes mellitus	Type 2 Diabetes
4223463	Exudative maculopathy due to type 2 diabetes mellitus	Type 2 Diabetes
43531012	Maturity-onset diabetes of the young, type 3	Type 2 Diabetes
4321756	Acanthosis nigricans due to type 2 diabetes mellitus	Type 2 Diabetes
45766052	Type II diabetes mellitus in remission	Type 2 Diabetes
43531014	Maturity-onset diabetes of the young, type 5	Type 2 Diabetes
4142579	Small vessel disease due to type 2 diabetes mellitus	Type 2 Diabetes
4245270	Diabetes mellitus associated with genetic syndrome	Type 2 Diabetes
4030061	Malnutrition-related diabetes mellitus - fibrocalculous	Type 2 Diabetes
4176925	Ophthalmoplegia due to diabetes mellitus	Type 2 Diabetes
4294429	Wet gangrene of foot due to diabetes mellitus	Type 2 Diabetes
45757447	Hypertension in chronic kidney disease stage 2 due to type 2 diabetes mellitus	Type 2 Diabetes
4195043	High risk proliferative retinopathy due to diabetes mellitus	Type 2 Diabetes
43531588	Angina associated with type 2 diabetes mellitus	Type 2 Diabetes
4265913	Pretibial pigmental patches due to diabetes mellitus	Type 2 Diabetes
45757446	Hypertension in chronic kidney disease stage 3 due to type 2 diabetes mellitus	Type 2 Diabetes
40482883	Posttransplant diabetes mellitus	Type 2 Diabetes
45757499	Proteinuria due to type 2 diabetes mellitus	Type 2 Diabetes
45772914	Glomerulosclerosis of kidney due to diabetes mellitus	Type 2 Diabetes
4322638	Diabetes mellitus AND insipidus with optic atrophy AND deafness	Type 2 Diabetes
4252384	Insulin autoimmune syndrome	Type 2 Diabetes
4235410	Diabetes mellitus induced by non-steroid drugs	Type 2 Diabetes
4136889	Diabetes mellitus induced by non-steroid drugs without complication	Type 2 Diabetes
45769906	End stage renal disease on dialysis due to type 2 diabetes mellitus	Type 2 Diabetes
4242528	Diarrhea due to diabetes mellitus	Type 2 Diabetes
4237068	Diabetes mellitus due to structurally abnormal insulin	Type 2 Diabetes
4194970	Asymmetric proximal motor neuropathy due to diabetes mellitus	Type 2 Diabetes
4101892	Asymptomatic neuropathy due to diabetes mellitus	Type 2 Diabetes
4307319	Symmetric proximal motor neuropathy due to diabetes mellitus	Type 2 Diabetes
45757077	Diabetes mellitus due to pancreatic injury	Type 2 Diabetes
43531013	Maturity-onset diabetes of the young, type 4	Type 2 Diabetes
4099653	Steroid-induced diabetes mellitus without complication	Type 2 Diabetes
45757277	Ulcer of lower limb due to type 2 diabetes mellitus	Type 2 Diabetes
45770831	Proliferative retinopathy with retinal edema due to type 2 diabetes mellitus	Type 2 Diabetes
45757445	Hypertension in chronic kidney disease stage 4 due to type 2 diabetes mellitus	Type 2 Diabetes

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

45763582	Blindness due to type 2 diabetes mellitus	Type 2 Diabetes
45772019	Glaucoma due to type 2 diabetes mellitus	Type 2 Diabetes
45770928	Retinal edema due to type 2 diabetes mellitus	Type 2 Diabetes
45770883	Neuropathic ulcer of toe due to type 2 diabetes mellitus	Type 2 Diabetes
45770832	Stasis ulcer due to type 2 diabetes mellitus	Type 2 Diabetes
45769894	Cranial nerve palsy due to type 2 diabetes mellitus	Type 2 Diabetes
45769888	Ankle ulcer due to type 2 diabetes mellitus	Type 2 Diabetes
45769875	Insulin reactive hypoglycemia due to type 2 diabetes mellitus	Type 2 Diabetes
45769836	Osteomyelitis due to type 2 diabetes mellitus	Type 2 Diabetes
45769828	Nephrotic syndrome due to type 2 diabetes mellitus	Type 2 Diabetes
45757444	Hypertension in chronic kidney disease stage 5 due to type 2 diabetes mellitus	Type 2 Diabetes
45757075	Ischemia of retina due to type 2 diabetes mellitus	Type 2 Diabetes
43531608	Vitreous hemorrhage due to type 2 diabetes mellitus	Type 2 Diabetes
43531018	Maturity-onset diabetes of the young, type 11	Type 2 Diabetes
37018912	Diabetic hand syndrome due to type 2 diabetes mellitus	Type 2 Diabetes
37017221	Neovascular glaucoma due to diabetes mellitus	Type 2 Diabetes
37016357	Non-proliferative retinopathy due to secondary diabetes mellitus	Type 2 Diabetes
36717156	Acidosis due to type 2 diabetes mellitus	Type 2 Diabetes
35626088	Disorder of left macula due to diabetes mellitus	Type 2 Diabetes
35626087	Disorder of right macula due to diabetes mellitus	Type 2 Diabetes
35626072	Clinically significant macular edema of left eye due to diabetes mellitus	Type 2 Diabetes
35626071	Clinically significant macular edema of right eye due to diabetes mellitus	Type 2 Diabetes
4338900	Proliferative retinopathy with optic disc neovascularization due to diabetes mellitus	Type 2 Diabetes
4304701	Mononeuropathy simplex due to diabetes mellitus	Type 2 Diabetes
4270049	Nodular type diabetic glomerulosclerosis	Type 2 Diabetes
4269870	Non-high-risk proliferative retinopathy with clinically significant macular edema due to diabetes mellitus	Type 2 Diabetes
4263090	Femoral mononeuropathy due to diabetes mellitus	Type 2 Diabetes
4262282	Diabetic mononeuropathy multiplex	Type 2 Diabetes
4240589	Diabetes mellitus associated with hormonal etiology	Type 2 Diabetes
4218499	O/E - sight threatening diabetic retinopathy	Type 2 Diabetes
4210874	Ischemic maculopathy due to diabetes mellitus	Type 2 Diabetes
4210872	Focal exudative maculopathy due to diabetes mellitus	Type 2 Diabetes
4210129	Quiescent proliferative retinopathy due to diabetes mellitus	Type 2 Diabetes
4210128	Non-high-risk proliferative retinopathy due to diabetes mellitus	Type 2 Diabetes
4199039	Diffuse exudative maculopathy due to diabetes mellitus	Type 2 Diabetes
4195045	Vitreous hemorrhage due to diabetes mellitus	Type 2 Diabetes
4195044	Proliferative retinopathy with iris neovascularization due to diabetes mellitus	Type 2 Diabetes
4178790	Diabetes mellitus associated with receptor abnormality	Type 2 Diabetes
4164632	Very severe proliferative retinopathy due to diabetes mellitus	Type 2 Diabetes
4164175	Diabetic intraretinal microvascular anomaly	Type 2 Diabetes
4164174	High risk proliferative retinopathy without macular edema due to diabetes mellitus	Type 2 Diabetes
4162095	Macular edema not clinically significant due to diabetes mellitus	Type 2 Diabetes
4161670	Venous beading of retina due to diabetes mellitus	Type 2 Diabetes
4151453	Diabetic optic papillopathy	Type 2 Diabetes
4147577	Intracapillary glomerulosclerosis of kidney due to diabetes mellitus	Type 2 Diabetes
4147504	Myasthenic syndrome due to diabetic amyotrophy	Type 2 Diabetes
4140808	Rabson-Mendenhall syndrome	Type 2 Diabetes
4131907	Lipoatrophic diabetes	Type 2 Diabetes
4102176	Iritis due to diabetes mellitus	Type 2 Diabetes
4084643	Extreme insulin resistance with acanthosis nigricans, hirsutism AND abnormal insulin receptors	Type 2 Diabetes
4082346	Disorder of soft tissue due to diabetes mellitus	Type 2 Diabetes
4048029	Thoracic radiculopathy due to diabetes mellitus	Type 2 Diabetes
4044393	Asymmetric polyneuropathy due to diabetes mellitus	Type 2 Diabetes
4034962	Hyperproinsulinemia	Type 2 Diabetes
4034960	Secondary endocrine diabetes mellitus	Type 2 Diabetes
4006979	Leprechaunism syndrome	Type 2 Diabetes
761053	Severe nonproliferative retinopathy due to diabetes mellitus type 2	Type 2 Diabetes
44793114	Pre-existing diabetes mellitus	Type 2 Diabetes
46274096	Gingivitis co-occurrent with diabetes mellitus	Type 2 Diabetes
45771072	Ischemic ulcer of foot due to type 2 diabetes mellitus	Type 2 Diabetes
45769890	Ulcer of forefoot due to type 2 diabetes mellitus	Type 2 Diabetes
45757450	Neuropathic ulcer of foot due to type 2 diabetes mellitus	Type 2 Diabetes
45757280	Dyslipidemia with high density lipoprotein below reference range and triglyceride above reference range due to type 2 diabetes mellitus	Type 2 Diabetes

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

45757065	Proliferative retinopathy following surgery due to diabetes mellitus	Type 2 Diabetes
44809809	Hypoglycaemic warning absent	Type 2 Diabetes
44793113	Diabetes mellitus with multiple complications	Type 2 Diabetes
44792134	Maternally inherited diabetes mellitus	Type 2 Diabetes
43531644	Maturity-onset diabetes of the young, type 8	Type 2 Diabetes
43531597	Disorder due to well controlled type 2 diabetes mellitus	Type 2 Diabetes
43531563	Neuropathic arthropathy due to type 2 diabetes mellitus	Type 2 Diabetes
43531020	Diabetes mellitus, transient neonatal 3	Type 2 Diabetes
43531019	Diabetes mellitus, transient neonatal 2	Type 2 Diabetes
43531016	Maturity-onset diabetes of the young, type 9	Type 2 Diabetes
43020791	Gestational diabetes mellitus uncontrolled	Type 2 Diabetes
42538715	Acute complication due to diabetes mellitus	Type 2 Diabetes
42537681	Diabetes mellitus caused by chemical	Type 2 Diabetes
42536605	Metabolic acidosis due to diabetes mellitus	Type 2 Diabetes
42536604	Lactic acidosis due to diabetes mellitus	Type 2 Diabetes
42536603	Hyperosmolar hyperglycemic coma due to diabetes mellitus without ketoacidosis	Type 2 Diabetes
42536400	Absence of lower limb due to diabetes mellitus	Type 2 Diabetes
37116379	Stimmler syndrome	Type 2 Diabetes
37110068	Diabetic mastopathy	Type 2 Diabetes
36716258	Pancreatic hypoplasia, diabetes mellitus, congenital heart disease syndrome	Type 2 Diabetes
36713275	Atypical diabetes mellitus	Type 2 Diabetes
36712687	Ulcer of right foot due to type 2 diabetes mellitus	Type 2 Diabetes
36712686	Ulcer of left foot due to type 2 diabetes mellitus	Type 2 Diabetes
4336000	Proliferative retinopathy with neovascularization elsewhere than the optic disc due to diabetes mellitus	Type 2 Diabetes
4290823	Very severe nonproliferative retinopathy with clinically significant macular edema due to diabetes mellitus	Type 2 Diabetes
4266042	High risk proliferative retinopathy with clinically significant macula edema due to diabetes mellitus	Type 2 Diabetes
4266041	Visually threatening diabetic retinopathy	Type 2 Diabetes
4243625	Diffuse glomerulosclerosis of kidney due to diabetes mellitus	Type 2 Diabetes
4223734	Non-ketotic non-hyperosmolar coma due to diabetes mellitus	Type 2 Diabetes
4221962	Very severe nonproliferative retinopathy without macular edema due to diabetes mellitus	Type 2 Diabetes
4212631	Protein-deficient diabetes mellitus	Type 2 Diabetes
4195498	Mixed maculopathy due to diabetes mellitus	Type 2 Diabetes
4164176	High risk proliferative retinopathy not amenable to photocoagulation due to diabetes mellitus	Type 2 Diabetes
4162239	Somogyi phenomenon	Type 2 Diabetes
4161671	Non-high-risk proliferative retinopathy with no macular edema due to diabetes mellitus	Type 2 Diabetes
4151946	Kimmelstiel-Wilson syndrome	Type 2 Diabetes
4129525	Insulin resistance - type B	Type 2 Diabetes
4129516	Diabetes-deafness syndrome maternally transmitted	Type 2 Diabetes
4129225	Motor polyneuropathy due to diabetes mellitus	Type 2 Diabetes
4099741	Fibrocalculous pancreatic diabetes	Type 2 Diabetes
4082347	Diabetic thick skin syndrome	Type 2 Diabetes
4079850	Diabetes mellitus in neonate small for gestational age	Type 2 Diabetes
4046332	Diabetic acute painful polyneuropathy	Type 2 Diabetes
4044392	Chronic painful polyneuropathy due to diabetes mellitus	Type 2 Diabetes
4023792	Pseudotabes due to diabetes mellitus	Type 2 Diabetes
1373225	perindopril	ACE inhibitors
1363749	fosinopril	ACE inhibitors
1342439	trandolapril	ACE inhibitors
1341927	enalapril	ACE inhibitors
1340128	captopril	ACE inhibitors
1335471	benazepril	ACE inhibitors
1334456	ramipril	ACE inhibitors
1331235	quinapril	ACE inhibitors
1310756	moexipril	ACE inhibitors
1308216	lisinopril	ACE inhibitors
1316354	bendroflumethiazide	Diuretics
1376289	hydroflumethiazide	Diuretics
907013	metolazone	Diuretics
948787	polythiazide	Diuretics
992590	chlorothiazide	Diuretics
974166	hydrochlorothiazide	Diuretics
905273	methyclothiazide	Diuretics
978555	indapamide	Diuretics
1395058	chlorthalidone	Diuretics

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

904639	trichlormethiazide	Diuretics
1346686	eprosartan	angiotensin II receptor antagonists
40226742	olmesartan	angiotensin II receptor antagonists
40235485	azilsartan	angiotensin II receptor antagonists
1308842	valsartan	angiotensin II receptor antagonists
1395058	chlorthalidone	angiotensin II receptor antagonists
46275719	sacubitril	angiotensin II receptor antagonists
1351557	candesartan	angiotensin II receptor antagonists
1347384	irbesartan	angiotensin II receptor antagonists
1317640	telmisartan	angiotensin II receptor antagonists
1367500	losartan	angiotensin II receptor antagonists
1332418	amlodipine	angiotensin II receptor antagonists
975125	hydrocortisone	Glucocorticoids
1518254	dexamethasone	Glucocorticoids
939259	budesonide	Glucocorticoids
1551099	prednisone	Glucocorticoids
1507705	cortisone	Glucocorticoids
920458	betamethasone	Glucocorticoids
903963	triamcinolone	Glucocorticoids
1506270	methylprednisolone	Glucocorticoids
1550557	prednisolone	Glucocorticoids
1111220	arformoterol	Beta 2 agonists
1123995	arformoterol	Beta 2 agonists
1138050	bitolterol	Beta 2 agonists
1154343	albuterol	Beta 2 agonists
1181809	isoetharine	Beta 2 agonists
40240664	indacaterol	Beta 2 agonists
45775116	olodaterol	Beta 2 agonists
1196677	formoterol	Beta 2 agonists
1183554	isoproterenol	Beta 2 agonists
1192218	levalbuterol	Beta 2 agonists
1125449	pirbuterol	Beta 2 agonists
1137529	salmeterol	Beta 2 agonists
1236744	terbutaline	Beta 2 agonists
1146810	piroxicam	NSAIDs
1195492	etodolac	NSAIDs
1177480	ibuprofen	NSAIDs
1197736	mefenamate	NSAIDs
1189754	rofecoxib	NSAIDs
1236607	sulindac	NSAIDs
19025925	oxyphenbutazone	NSAIDs
1156378	flurbiprofen	NSAIDs
1150345	meloxicam	NSAIDs
1178663	indomethacin	NSAIDs
1118084	celecoxib	NSAIDs
1124300	diclofenac	NSAIDs
1136980	ketorolac	NSAIDs
1129625	diphenhydramine	NSAIDs
904453	esomeprazole	NSAIDs
1180182	meclofenamate	NSAIDs
1153928	fenoprofen	NSAIDs
953076	famotidine	NSAIDs
1103374	valdecoxib	NSAIDs
1115008	naproxen	NSAIDs
1139179	bromfenac	NSAIDs
1185922	ketoprofen	NSAIDs
1135710	phenylbutazone	NSAIDs
1150871	misoprostol	NSAIDs
1102917	tolmetin	NSAIDs
1118045	oxaprozin	NSAIDs
1113648	nabumetone	NSAIDs

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

Drug definitions**Table S3. Drug codes of drug ingredients for metformin and sulfonylureas**

Name	RxNorm	Concept ID
Metformin	6809	1503297
Acetohexamide	173	1530014
Carbutamide	2068	37487266
Chlorpropamide	2404	1594973
Tolazamide	10633	1502809
Tolbutamide	10635	1502855
Glibenclamide/glyburide	4815	1559684
Glibornuride	102846	19001409
Gliclazide	4816	19059796
Glipizide	4821	1560171
Gliquidone	25793	19097821
Glisoxepide	OMOP2721194	40798860
Glyclopypyramide	OMOP4819564	35198199
Glimepiride	25789	1597756

Concept ID indicates the exact code used in OMOP-CDM based on RxNorm ontologies.

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Covariate Balance plots

Below are the figures showing the covariate balance for all covariates before and after inverse probability treatment weights (IPTW) for age group, ethnic group, renal group and HbA1c group used for sub analysis.

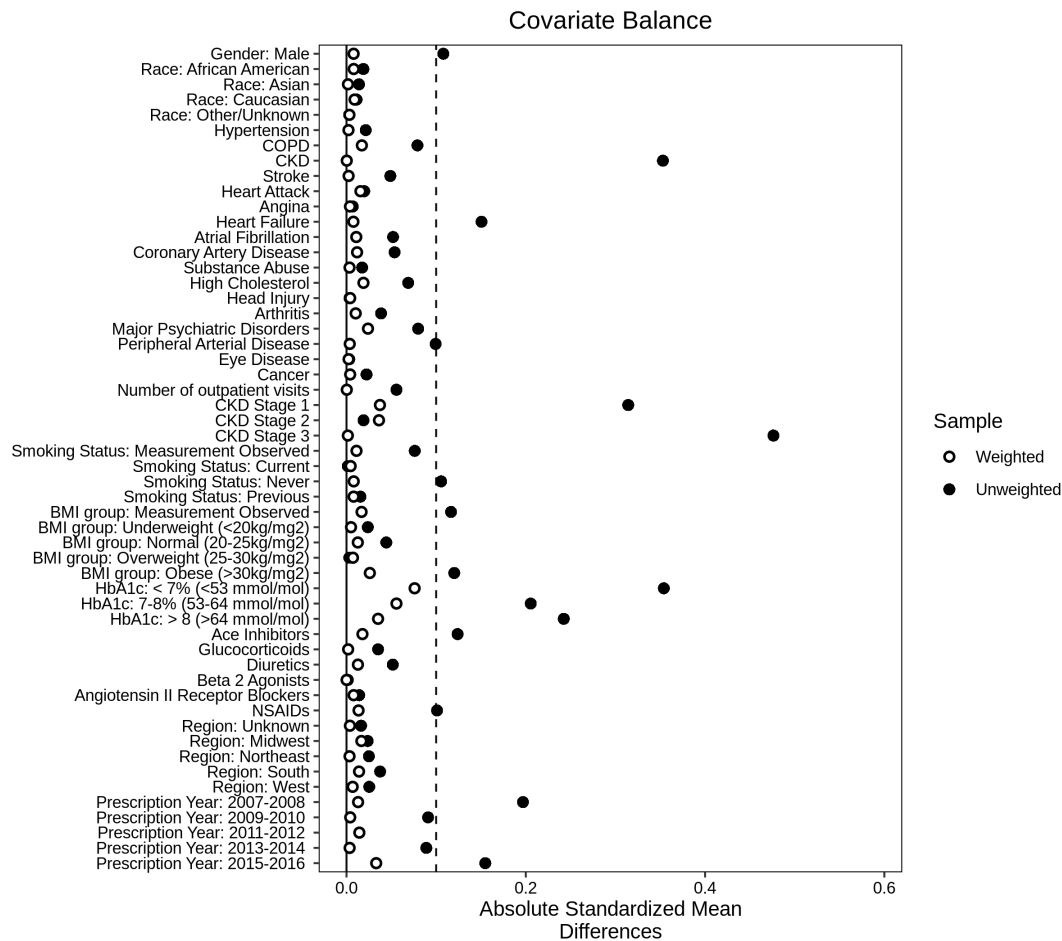


Figure S1: Standardized difference percentage of covariates before and after IPTW for patients younger than 75 years. Dotted line indicates SMD cut off at 0.1 (10%) where >0.1 indicates difference in covariates between the metformin and sulfonylurea users.

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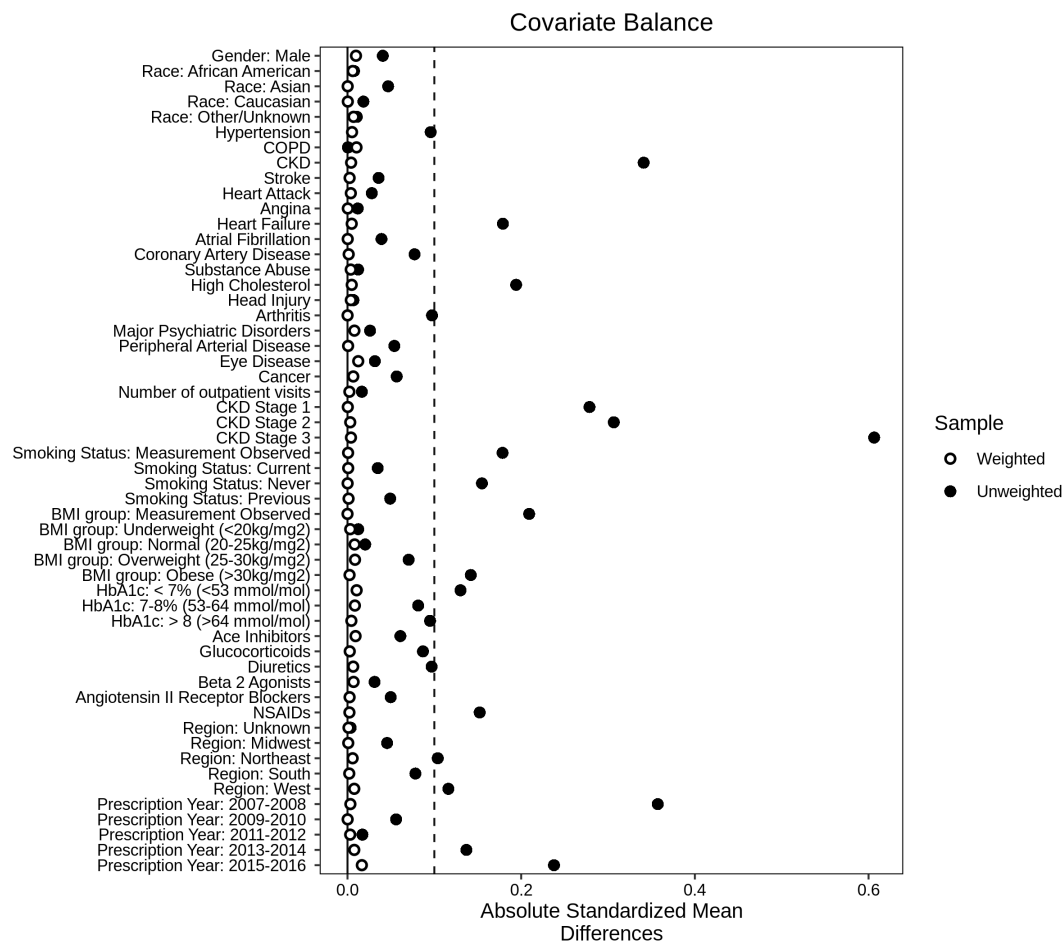


Figure S2: Standardized difference percentage of covariates before and after IPTW for patients 75 years and older. Dotted line indicates SMD cut off at 0.1 (10%) where >0.1 indicates difference in covariates between the metformin and sulfonylurea users.

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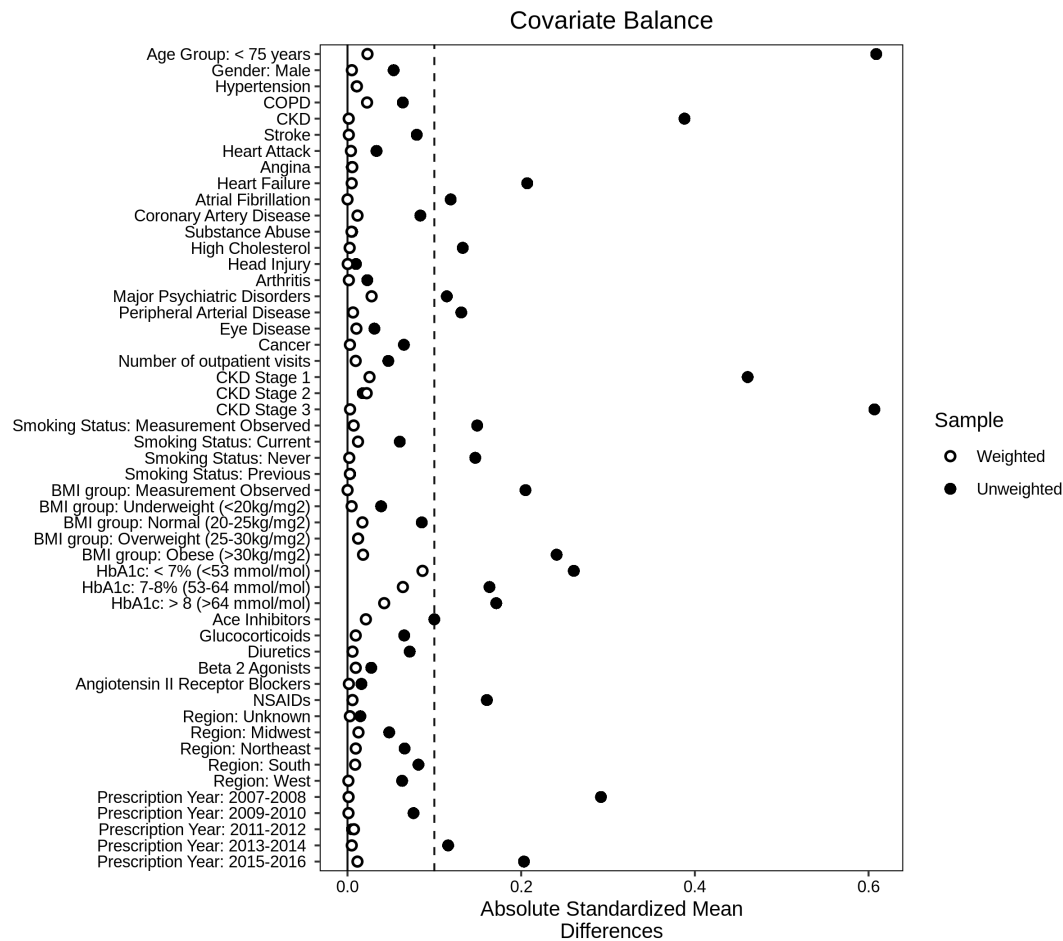


Figure S3: Standardized difference percentage of covariates before and after IPTW for Caucasian patients. Dotted line indicates SMD cut off at 0.1 (10%) where 0.1 indicates difference in covariates between the metformin and sulfonylurea users.

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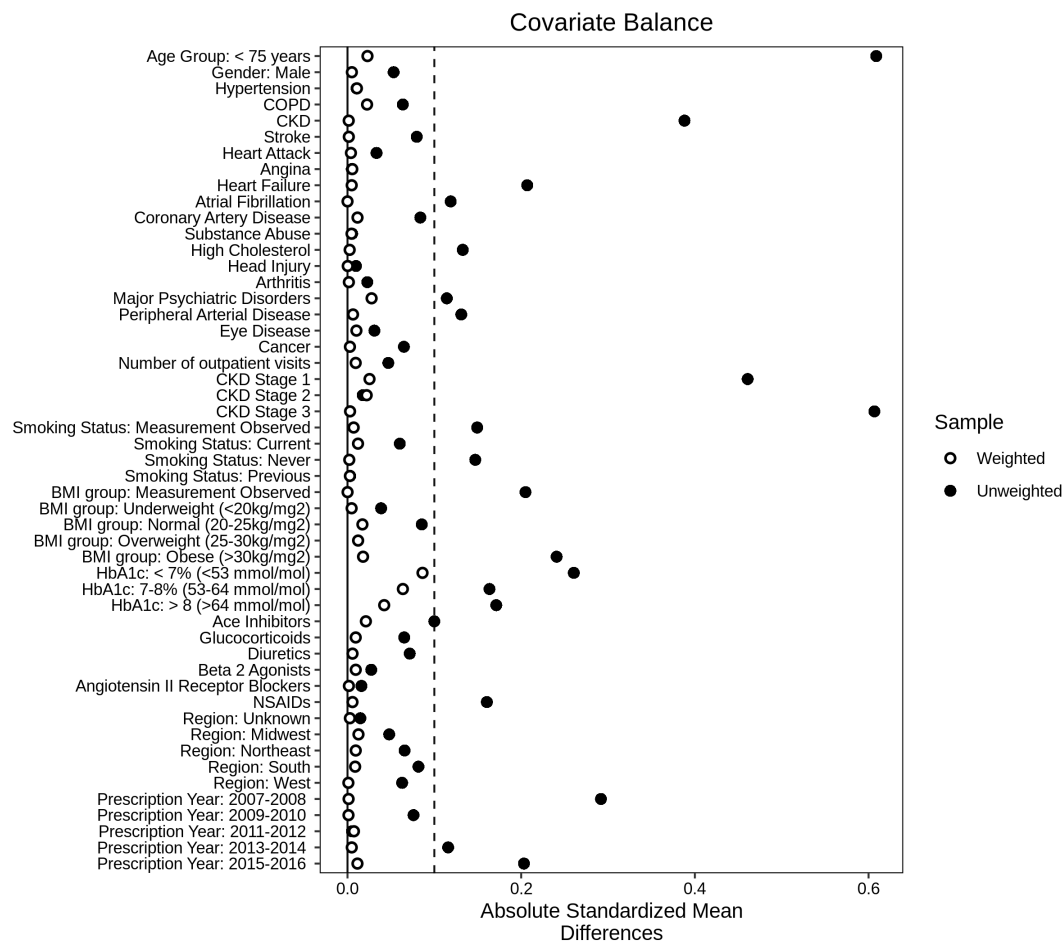


Figure S4: Standardized difference percentage of covariates before and after IPTW for African American patients. Dotted line indicates SMD cut off at 0.1 (10%) where >0.1 indicates difference in covariates between the metformin and sulfonylurea users.

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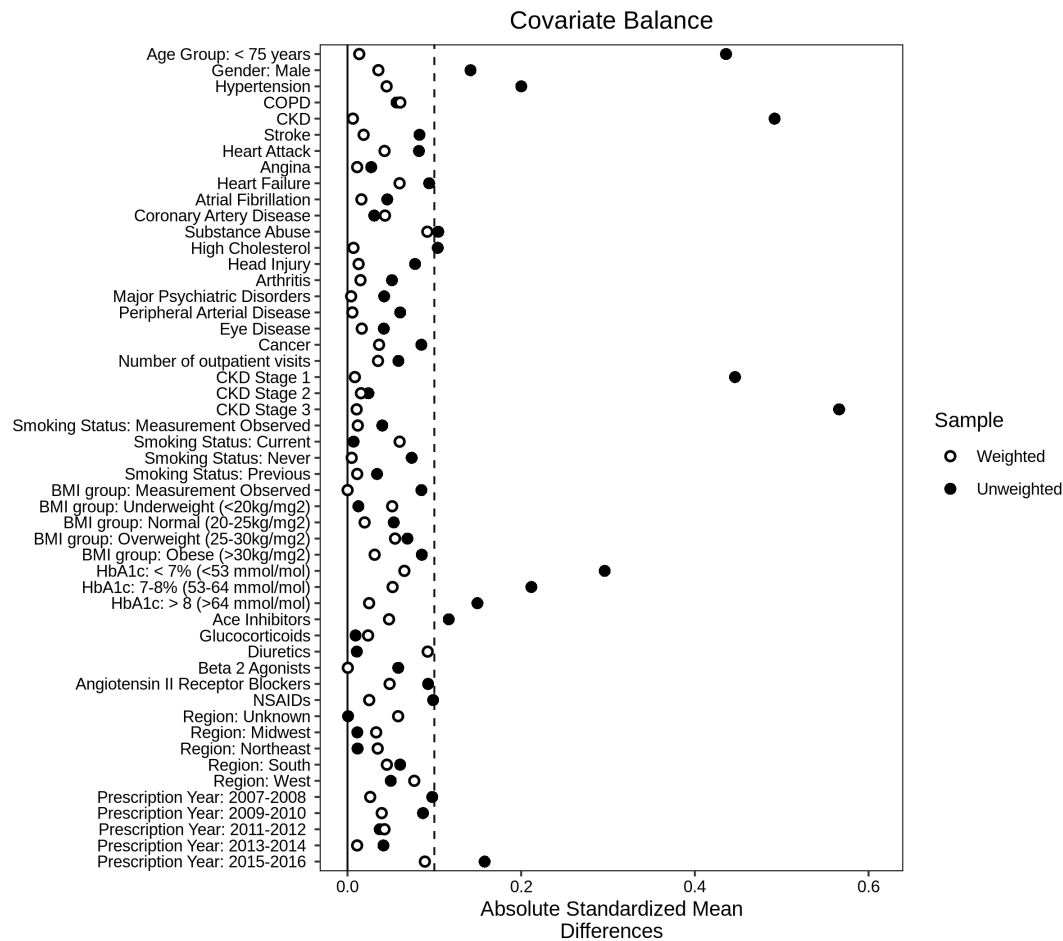


Figure S5: Standardized difference percentage of covariates before and after IPTW for Asian patients. Dotted line indicates SMD cut off at 0.1 (10%) where >0.1 indicates difference in covariates between the metformin and sulfonylurea users.

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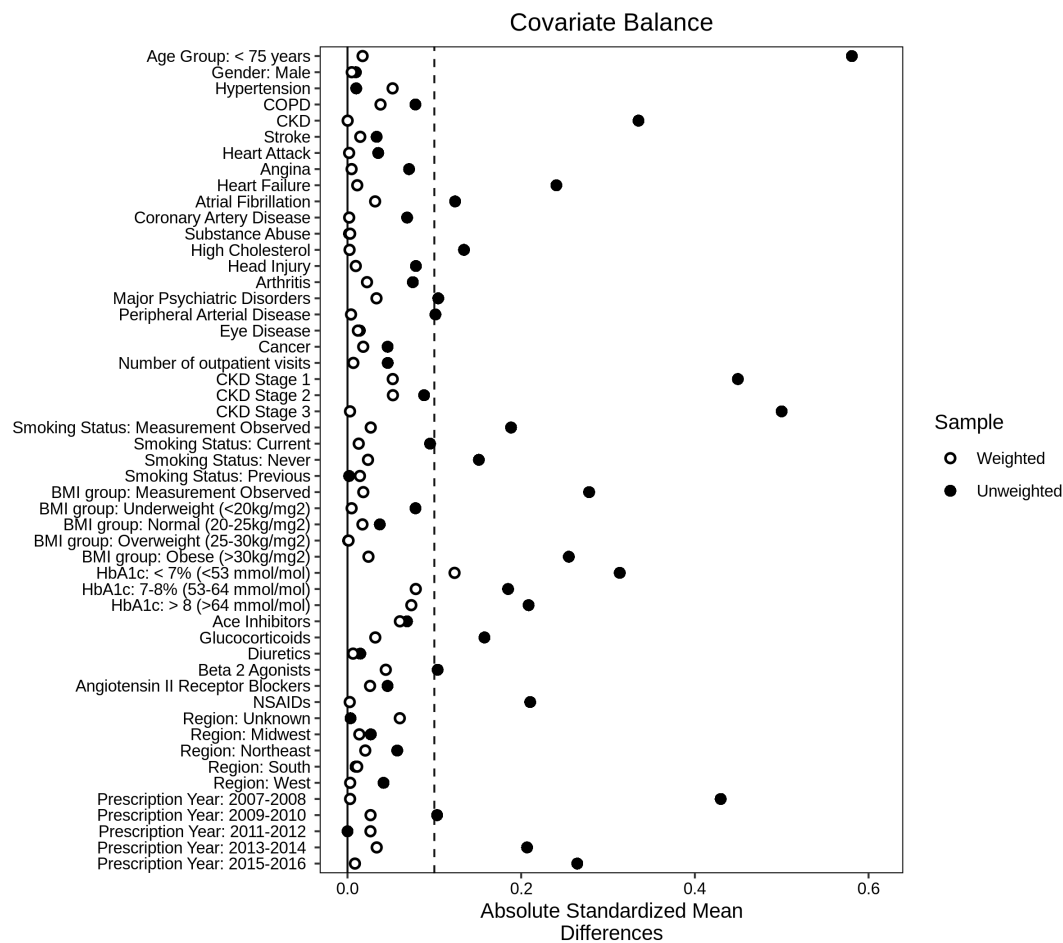


Figure S6: Standardized difference percentage of covariates before and afterIPTW for unknown or other patients. Dotted line indicates SMD cut off at 0.1 (10%) where >0.1 indicates difference in covariates between the metformin and sulfonylurea users. For this analysis HbA1c < 7% was not balanced less than 0.1.

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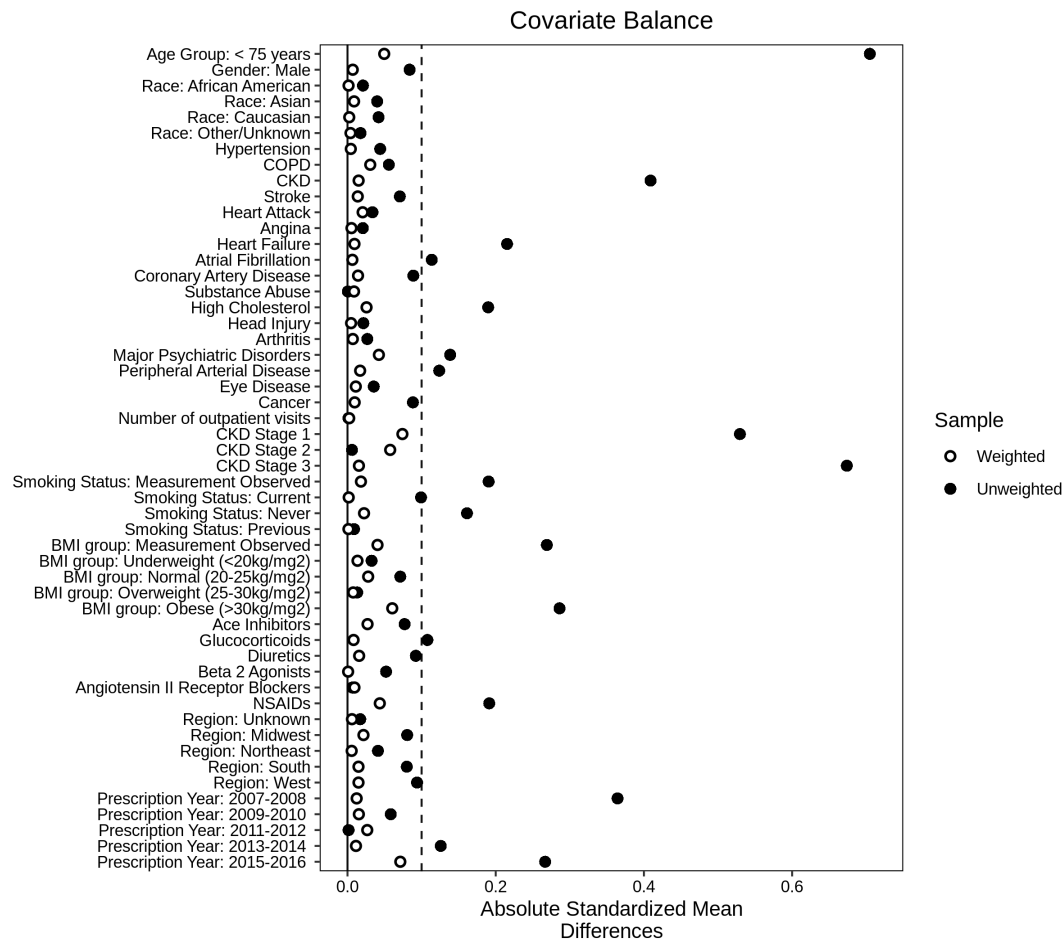


Figure S7: Standardized difference percentage of covariates before and after IPTW for patients with HbA1c values less than 7%. Dotted line indicates SMD cut off at 0.1 (10%) where >0.1 indicates difference in covariates between the metformin and sulfonylurea users.

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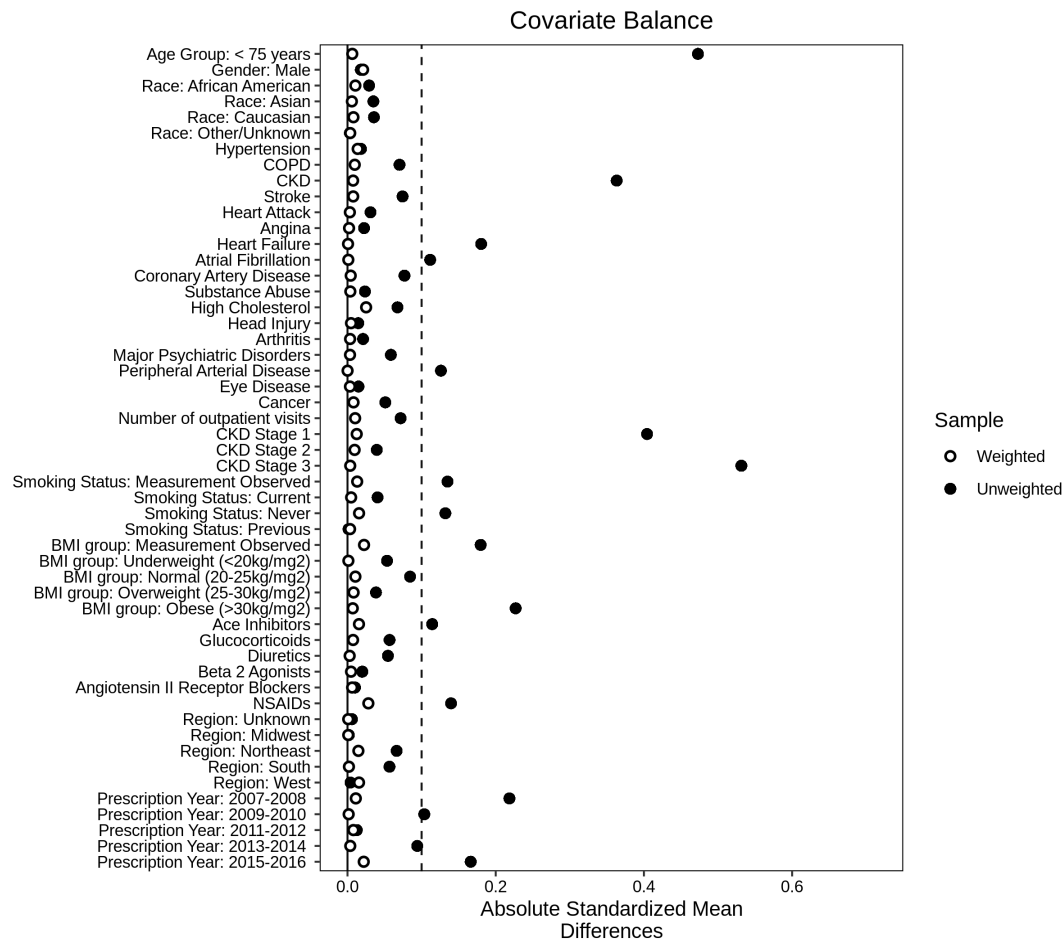


Figure S8: Standardized difference percentage of covariates before and after IPTW for patients with HbA1c values equal of greater than 7%. Dotted line indicates SMD cut off at 0.1 (10%) where >0.1 indicates difference in covariates between the metformin and sulfonylurea users.

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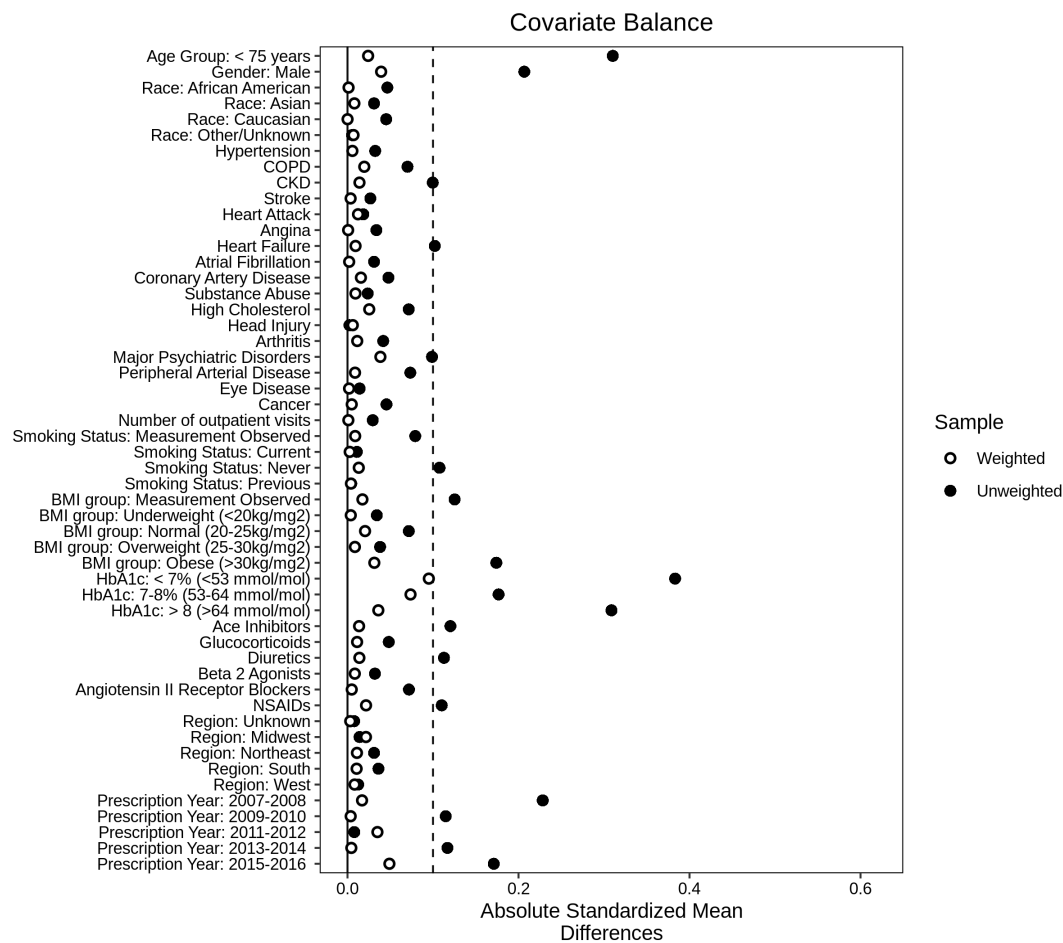


Figure S9: Standardized difference percentage of covariates before and after IPTW for patients with normal kidney function (eGFR ≥ 90 mL/min/1.73 m²). Dotted line indicates SMD cut off at 0.1 (10%) where >0.1 indicates difference in covariates between the metformin and sulfonylurea users.

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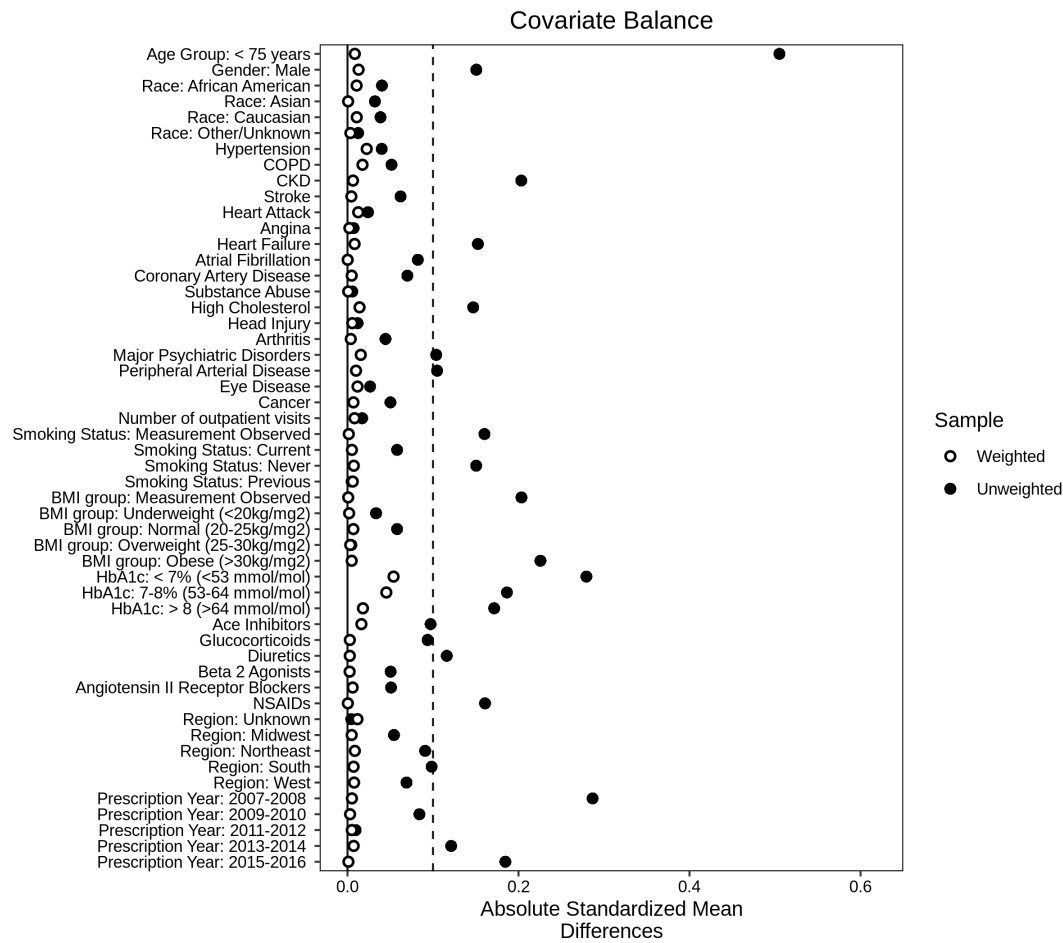


Figure S10: Standardized difference percentage of covariates before and after IPTW for patients with moderate kidney function (eGFR 60-89 mL/min/1.73 m2). Dotted line indicates SMD cut off at 0.1 (10%) where >0.1 indicates difference in covariates between the metformin and sulfonylurea users.

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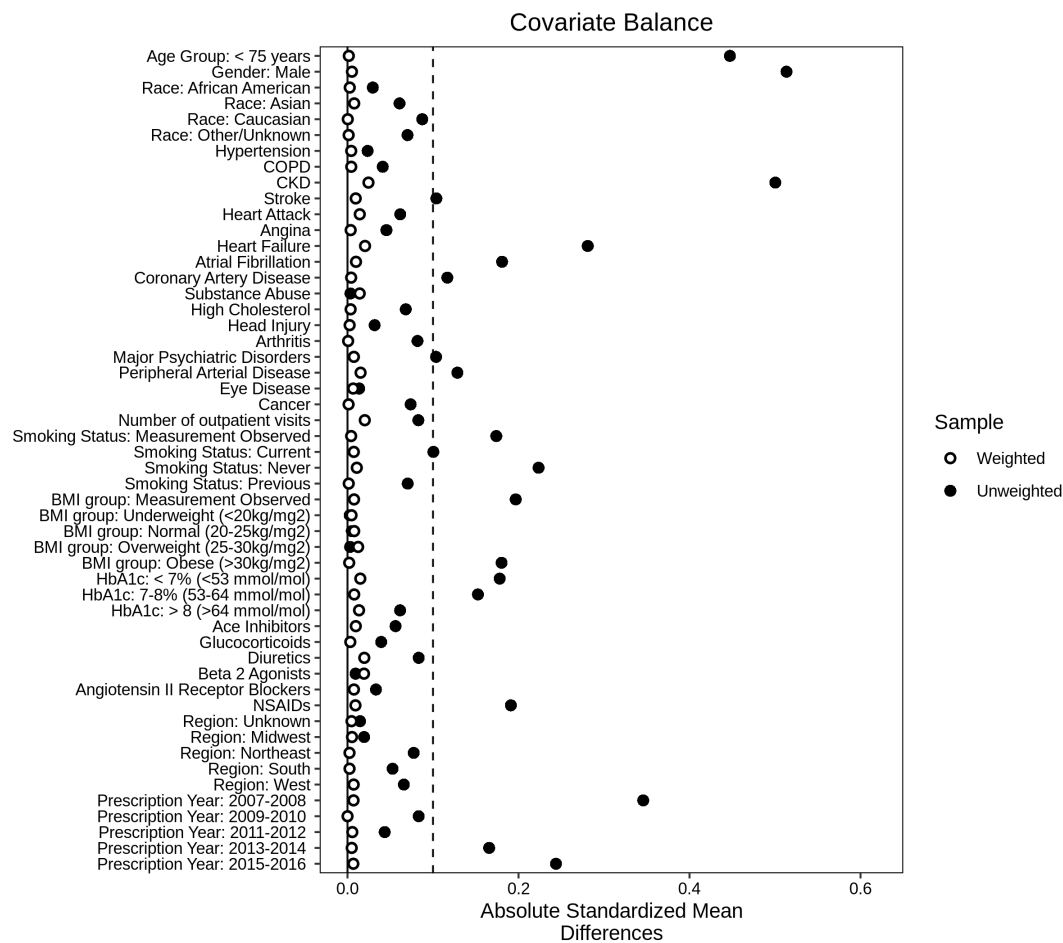


Figure S11: Standardized difference percentage of covariates before and after IPTW for patients with poor kidney function (eGFR 30-59 mL/min/1.73 m²). Dotted line indicates SMD cut off at 0.1 (10%) where >0.1 indicates difference in covariates between the metformin and sulfonylurea users.

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

Unadjusted results**Table S4: Unadjusted and IPTW hazard ratios from Cox regression models comparing first users of metformin versus first users of sulfonylureas for whole population over 50 with type 2 diabetes for primary and secondary outcomes**

Outcome	Metformin (Event/Total)	Sulfonylureas (Event/Total)	Unadjusted HR (95% CI)	IPTW HR (95% CI)
<i>Primary Outcomes</i>				
All Cause Dementia	2256/96140	951/16451	0.44 (0.41-0.48)	0.80 (0.73-0.88)
Parkinson's Disease	625/96140	135/16451	0.88 (0.73-1.06)	1.00 (0.79-1.28)
<i>Secondary Outcomes</i>				
Alzheimer's Disease	754/94638	337/15837	0.41 (0.36-0.47)	0.81 (0.70-0.94)
Vascular Dementia	349/94233	154/15654	0.42 (0.35-0.51)	0.79 (0.63-1.00)
Mild Cognitive Impairment	1414/93986	401/15612	0.65 (0.58-0.72)	0.91 (0.79-1.04)

HR: Hazard ratio, CI: confidence interval, IPTW: inverse probability treatment weighting Event equals numbers of outcome events in each drug group (metformin and sulfonylurea). Total indicates total number of patients in each group.

Table S5: Unadjusted and IPTW Cox regression models comparing first users of metformin versus first users of sulfonylureas for age stratified analysis (75 years) with type 2 diabetes either first users for primary and secondary outcomes

Outcome	Age Group	Metformin (Event/Total)	Sulfonylureas (Event/Total)	Unadjusted HR (95% CI)	IPTW HR (95% CI)
<i>Primary Outcomes</i>					
All Cause Dementia	< 75	1049/81258	215/9690	0.64 (0.55-0.74)	0.75 (0.63-0.89)
	≥ 75	1207/14882	736/6761	0.82 (0.75-0.90)	0.88 (0.80-0.98)
Parkinson's Disease	< 75	438/81258	66/9690	0.87 (0.67-1.13)	0.86 (0.63-1.17)
	≥ 75	187/14882	69/6761	1.37 (1.04-1.81)	1.40 (1.00-1.95)
<i>Secondary Outcomes</i>					
Alzheimer's Disease	< 75	294/80503	64/9539	0.60 (0.46-0.79)	0.80 (0.58-1.09)
	≥ 75	460/14135	273/6298	0.84 (0.72-0.97)	0.86 (0.73-1.02)
Vascular Dementia	< 75	174/80383	42/9517	0.54 (0.39-0.76)	0.75 (0.51-1.10)
	≥ 75	175/13850	112/6137	0.78 (0.62-0.99)	0.87 (0.67-1.14)
Mild Cognitive Impairment	< 75	874/80146	144/9487	0.79 (0.66-0.94)	0.87 (0.71-1.06)
	≥ 75	540/13840	257/6125	1.05 (0.90-1.22)	0.97 (0.83-1.15)

HR: Hazard ratio, CI: confidence interval, IPTW: inverse probability treatment weighting Event equals numbers of outcome events in each drug group (metformin and sulfonylurea). Total indicates total number of patients in each group.

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

Table S6: Unadjusted and IPTW Cox regression models for whole population comparing first users of metformin versus first users of sulfonylureas stratified by race, renal function and HbA1c levels

Outcome	Group	Metformin (Event/Total)	Sulfonylureas (Event/Total)	Unadjusted HR (95% CI)	IPTW HR (95% CI)
<i>Race</i>					
All Cause Dementia	Caucasian	1918/79693	841/13853	0.43 (0.40-0.47)	0.79 (0.71-0.87)
	African American	210/9659	66/1535	0.55 (0.41-0.72)	0.86 (0.62-1.19)
	Asian	39/2394	10/328	0.57 (0.28-1.14)	1.12 (0.47-2.66)
	Other/Unknown	89/4394	34/735	0.50 (0.34-0.74)	0.95 (0.59-1.53)
Parkinson's Disease	Caucasian	580/79693	120/13853	0.93 (0.77-1.14)	1.06 (0.82-1.37)
	African American	22/9659	7/1535	0.54 (0.23-1.26)	0.64 (0.23-1.75)
	Asian	7/2394	2/328	0.49 (0.10-2.38)	0.47 (0.09-2.49)
	Other/Unknown	16/4394	6/735	0.50 (0.20-1.29)	0.53 (0.17-1.65)
Alzheimer's Disease	Caucasian	641/78416	300/13312	0.40 (0.35-0.46)	0.77 (0.65-0.90)
	African American	77/9526	24/1493	0.55 (0.35-0.87)	1.14 (0.68-1.92)
	Asian	10/2365	2/320	0.71 (0.16-3.25)	2.47 (0.44-13.97)
	Other/Unknown	26/4331	11/712	0.46 (0.23-0.93)	0.96 (0.42-2.17)
Vascular Dementia	Caucasian	284/78059	130/13142	0.41 (0.33-0.50)	0.81 (0.63-1.03)
	African American	46/9495	19/1488	0.42 (0.24-0.71)	0.69 (0.36-1.29)
	Asian*	7/2362	0/318	-	-
	Other/Unknown	12/4317	5/706	0.45 (0.16-1.27)	0.86 (0.25-2.98)
Mild Cognitive Impairment	Caucasian	1215/77876	364/13123	0.62 (0.55-0.70)	0.90 (0.78-1.04)
	African American	129/9447	27/1467	0.81 (0.53-1.22)	0.81 (0.48-1.34)
	Asian	27/2356	4/320	0.97 (0.34-2.76)	0.71 (0.20-2.56)
	Other/Unknown	43/4307	6/702	1.41 (0.60-3.32)	2.09 (0.77-5.67)
<i>Renal Function</i>					
All Cause Dementia	Normal	618/46980	122/4464	0.53 (0.44-0.64)	0.83 (0.66-1.05)
	Moderate	1441/44276	505/7708	0.54 (0.49-0.60)	0.80 (0.71-0.90)
	Poor	197/4884	324/4279	0.59 (0.50-0.71)	0.82 (0.66-1.02)
Parkinson's Disease	Normal	242/46980	27/4464	0.94 (0.63-1.40)	0.94 (0.61-1.47)
	Moderate	345/44276	68/7708	0.98 (0.75-1.27)	1.05 (0.77-1.43)
	Poor	38/4884	40/4279	0.94 (0.60-1.47)	1.16 (0.71-1.90)
Alzheimer's Disease	Normal	194/46556	39/4381	0.52 (0.37-0.74)	0.91 (0.61-1.36)
	Moderate	496/43331	189/7392	0.49 (0.41-0.58)	0.82 (0.68-0.98)
	Poor	64/4751	109/4064	0.57 (0.42-0.78)	0.70 (0.49-1.01)
Vascular Dementia	Normal	95/46457	16/4358	0.62 (0.37-1.06)	1.01 (0.54-1.87)
	Moderate	223/43058	71/7274	0.59 (0.45-0.77)	0.81 (0.60-1.09)
	Poor	31/4718	67/4022	0.45 (0.29-0.69)	0.59 (0.35-0.99)
Mild Cognitive Impairment	Normal	491/46321	63/4353	0.81 (0.62-1.05)	0.96 (0.71-1.30)
	Moderate	827/42968	209/7256	0.74 (0.64-0.86)	0.89 (0.75-1.06)
	Poor	96/4697	129/4003	0.72 (0.55-0.94)	0.81 (0.59-1.12)
<i>HbA1c</i>					
All Cause Dementia	Low	1520/62460	555/8583	0.42 (0.38-0.46)	0.78 (0.69-0.88)
	High	736/33680	396/7868	0.47 (0.42-0.54)	0.86 (0.75-0.98)
Parkinson's Disease	Low	418/62460	78/8583	0.83 (0.65-1.06)	0.92 (0.67-1.26)
	High	207/33680	57/7868	0.94 (0.70-1.26)	1.16 (0.82-1.64)
Alzheimer's Disease	Low	511/61451	193/8221	0.40 (0.34-0.47)	0.82 (0.67-1.00)
	High	243/33187	144/7616	0.43 (0.35-0.53)	0.80 (0.64-1.00)
Vascular Dementia	Low	237/61177	80/8108	0.44 (0.34-0.57)	0.87 (0.63-1.19)
	High	112/33056	74/7546	0.39 (0.29-0.52)	0.67 (0.48-0.94)
Mild Cognitive Impairment	Low	968/61041	235/8100	0.62 (0.53-0.71)	0.88 (0.74-1.06)
	High	446/32945	166/7512	0.68 (0.57-0.81)	0.94 (0.77-1.15)

HR: Hazard ratio, CI: confidence interval, IPTW: inverse probability treatment weighting Event equals numbers of outcome events in each drug group (metformin and sulfonylurea). Total indicates total number of patients in each group. * HR unable to be computed due to no outcomes in patients taking sulfonylureas.

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

Kaplan–Meier plots

Kaplan-Meier weighted by IPTW to visualise any non-proportional hazards for the whole population.

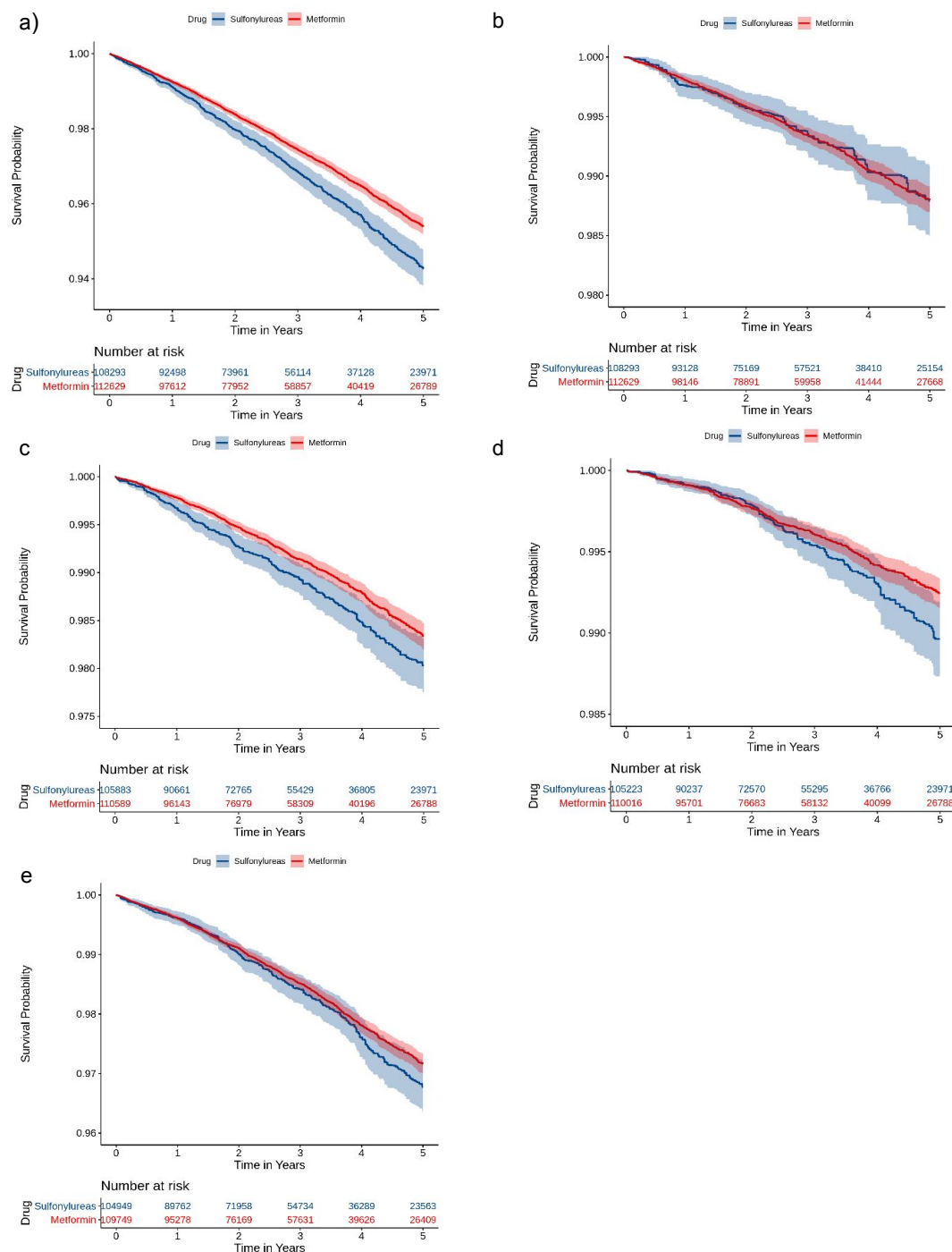


Figure S12: Kaplan-Meier (KM) survival curves weighted by IPTW from people over 50 with type 2 diabetes from new users of metformin or sulfonylureas for a) all cause dementia b) Parkinson's disease c) Alzheimer's disease d) vascular dementia e) mild cognitive impairment

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

Sensitivity Analysis

This section shows the additional sensitivity analysis performed to support the main analysis in the paper.

Time split analysis

From the KM plots shown in Figure S12d shows the non proportionality assumption does not hold for vascular dementia. This can lead to an under or over representation of the true treatment effects. Therefore, we performed a piece wise time split analysis splitting the analysis into two time periods (0-2.5 years, 2-5 years) for vascular dementia.

Table S7: IPTW Cox regression models comparing first users of metformin versus first users of sulfonylureas using time split piece wise analysis split at 2.5 years for vascular dementia

Population	Follow up split (years)	Metformin (Event/Total)	Sulfonylureas (Event/Total)	IPTW HR (95% CI)
Whole population	0-2.5	349/94233	154/15654	0.95 (0.70-1.27)
	2.5-5			0.64 (0.45-0.89)
Age: < 75 years	0-2.5	174/80383	42/9517	1.11 (0.62-1.99)
	2.5-5			0.52 (0.31-0.87)
Age: > 75 years	0-2.5	175/13850	112/6137	0.90 (0.64-1.26)
	2.5-5			0.84 (0.55-1.28)
HbA1c: < 7%	0-2.5	237/61177	80/8108	0.91 (0.62-1.34)
	2.5-5			0.70 (0.43-1.14)
HbA1c: > 7%	0-2.5	112/33056	74/7546	1.00 (0.63-1.60)
	2.5-5			0.57 (0.35-0.93)
Race: White	0-2.5	284/78059	130/13142	0.97 (0.71-1.32)
	2.5-5			0.64 (0.44-0.94)
Race: African American	0-2.5	46/9495	19/1488	0.81 (0.31-2.15)
	2.5-5			0.58 (0.25-1.34)
Race: Asian*	0-2.5	7/2362	0/318	-
	2.5-5			-
Race: Other, Unknown	0-2.5	12/4317	5/706	0.88 (0.21-3.78)
	2.5-5			0.77 (0.08-7.66)
Renal function: Normal	0-2.5	95/46457	16/4358	1.21 (0.54-2.69)
	2.5-5			0.82 (0.32-2.10)
Renal function: Moderate	0-2.5	223/43058	71/7274	1.07 (0.71-1.63)
	2.5-5			0.58 (0.38-0.88)
Renal function: Poor	0-2.5	31/4718	67/4022	0.54 (0.25-1.17)
	2.5-5			0.66 (0.33-1.31)

HR: Hazard ratio, CI: confidence interval, IPTW: inverse probability treatment weighting Event equals numbers of outcome events in each drug group (metformin and sulfonylurea). Total indicates total number of patients in each group. * For sub analysis HR could not be calculated due to no outcomes in sulfonylurea group.

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

On treatment sensitivity analysis

In this analysis we censored patients on their last date of either metformin or sulfonylurea prescription plus 31 days if it occurred before outcome, death or loss to follow up.

Table S8: Unadjusted and IPTW Cox regression models comparing first users of metformin versus first users of sulfonylureas for on treatment analysis for primary and secondary outcomes

Outcome	Metformin (Event/Total)	Sulfonylureas (Event/Total)	Unadjusted HR (95% CI)	IPTW HR (95% CI)
<i>Primary Outcomes</i>				
All Cause Dementia	1816/96140	751/16451	0.41 (0.38-0.45)	0.75 (0.67-0.83)
Parkinson's Disease	441/96140	89/16451	0.86 (0.69-1.08)	1.00 (0.75-1.33)
<i>Secondary Outcomes</i>				
Alzheimer's Disease	580/94616	260/15829	0.38 (0.33-0.44)	0.73 (0.62-0.87)
Vascular Dementia	284/94225	114/15651	0.42 (0.34-0.52)	0.76 (0.58-0.98)
Mild Cognitive Impairment	1145/93969	307/15602	0.66 (0.55-0.71)	0.89 (0.76-1.03)

HR: Hazard ratio, CI: confidence interval, IPTW: inverse probability treatment weighting Event equals numbers of outcome events in each drug group (metformin and sulfonylurea). Total indicates total number of patients in each group.

Reverse causation sensitivity analysis

We removed outcome cases which occurred less than 1 year since start of follow up. For dementia this removed 828 patients and 197 PD patients. We repeated the analysis for all primary and secondary outcomes and results are presented below.

Table S9: Unadjusted and IPTW Cox regression models comparing first users of metformin versus first users of sulfonylureas removing patients with any outcomes less than 1 year in follow up

Outcome	Metformin (Event/Total)	Sulfonylureas (Event/Total)	Unadjusted HR (95% CI)	IPTW HR (95% CI)
<i>Primary Outcomes</i>				
All Cause Dementia	1659/95543	710/16210	0.45 (0.41-0.49)	0.79 (0.71-0.88)
Parkinson's Disease	466/95981	97/16413	0.94 (0.76-1.17)	1.09 (0.82-1.44)
<i>Secondary Outcomes</i>				
Alzheimer's Disease	539/94423	236/15736	0.43 (0.37-0.50)	0.84 (0.70-1.01)
Vascular Dementia	266/94150	124/15624	0.41 (0.33-0.50)	0.74 (0.58-0.96)
Mild Cognitive Impairment	1306/93878	371/15582	0.65 (0.58-0.73)	0.88 (0.77-1.02)

HR: Hazard ratio, CI: confidence interval, IPTW: inverse probability treatment weighting Event equals numbers of outcome events in each drug group (metformin and sulfonylurea). Total indicates total number of patients in each group.

SUPPORTING INFORMATION Newby 2022 Metformin versus sulfonylureas on Dementia and Parkinson's risk

Negative Control Outcomes

Table S10: Negative control outcomes used with concept name and ID

Concept ID	Concept Name
374375	Impacted Cerumen
377575	Tinnitus
4311591	Cramp in limb
4248728	Snoring
4344500	Impingement syndrome of shoulder region

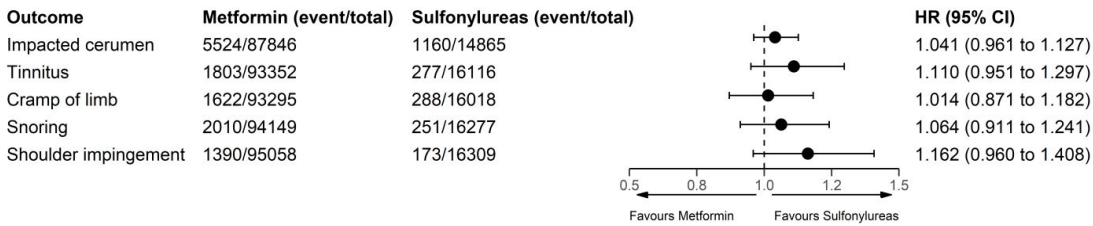


Figure S13: Forest plot showing the hazard ratios from Cox regression using a new user cohort study design with IPTW comparing new users of metformin versus new users of sulfonylureas with negative control outcomes. HR: hazard ratio, CI confidence interval, IPTW inverse probability treatment