

## The prevalence of common psychiatric disorders in general hospital inpatients: A meta-review of systematic reviews

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**Aim:** Whilst we know clinically that psychiatric disorders such as depression, delirium, dementia, anxiety, and substance abuse, are common in general hospital inpatients, we lack summary data on their individual and relative prevalence. Published systematic reviews have reported on the prevalence of individual psychiatric disorders in the medically ill but most have focused on groups of patients defined by medical diagnosis rather than on clinical setting (e.g. general hospitals). Moreover, previous reviews have usually reported on the prevalence of only a single psychiatric disorder. We therefore lack a comprehensive overview of the prevalence of the most common psychiatric disorders in general hospitals. We therefore set out to summarize the existing literature in a meta-review.

**Methods:** A meta-review is a systematic review of systematic reviews. We followed the recommended procedures for doing a meta-review. We sought to identify all relevant published systematic reviews that reported on the prevalence of psychiatric disorders in adult general hospital inpatients. We searched Medline, Embase, PsycINFO, CINAHL, and Scopus (from 1946, 1974, and 1806 respectively) to June 2018.

**Results:** Of the 4300 articles screened for inclusion, 13 systematic reviews met our inclusion criteria. Of these, nine reported on the prevalence of depression, three reported the prevalence of delirium, and one reported the prevalence of dementia. We found no reviews on the prevalence of anxiety and substance abuse disorders.

**Conclusion:** The process of data extraction and summarising is ongoing: the results of our meta-review will be revealed for the first time at the 2019 European Association of Psychosomatic Medicine conference