



Inequality of Maternal and Reproductive Health Medicines

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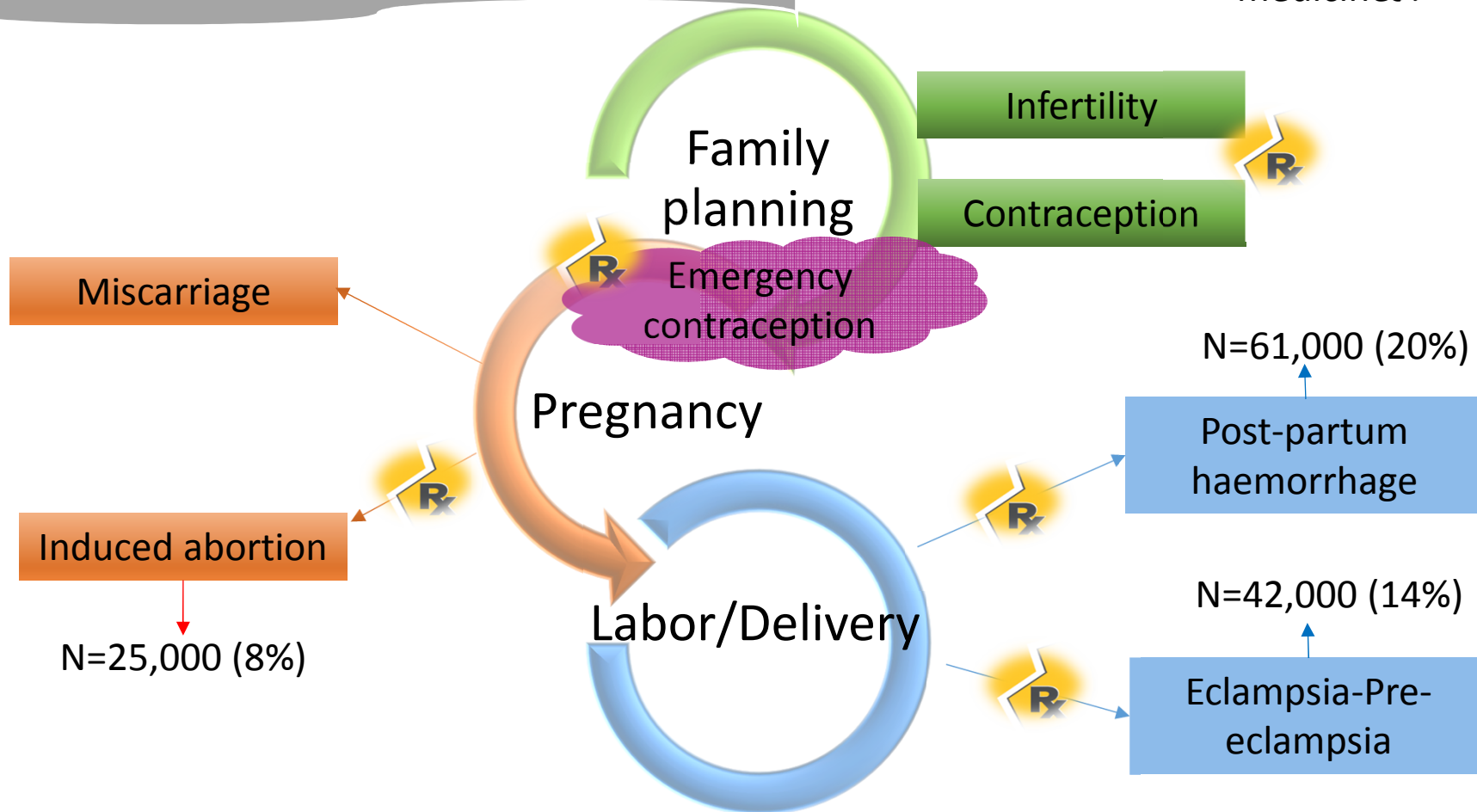
Coordinator of the Medicine Quality Group, WWARN-IDDO

ASTMH

November 16th, 2016

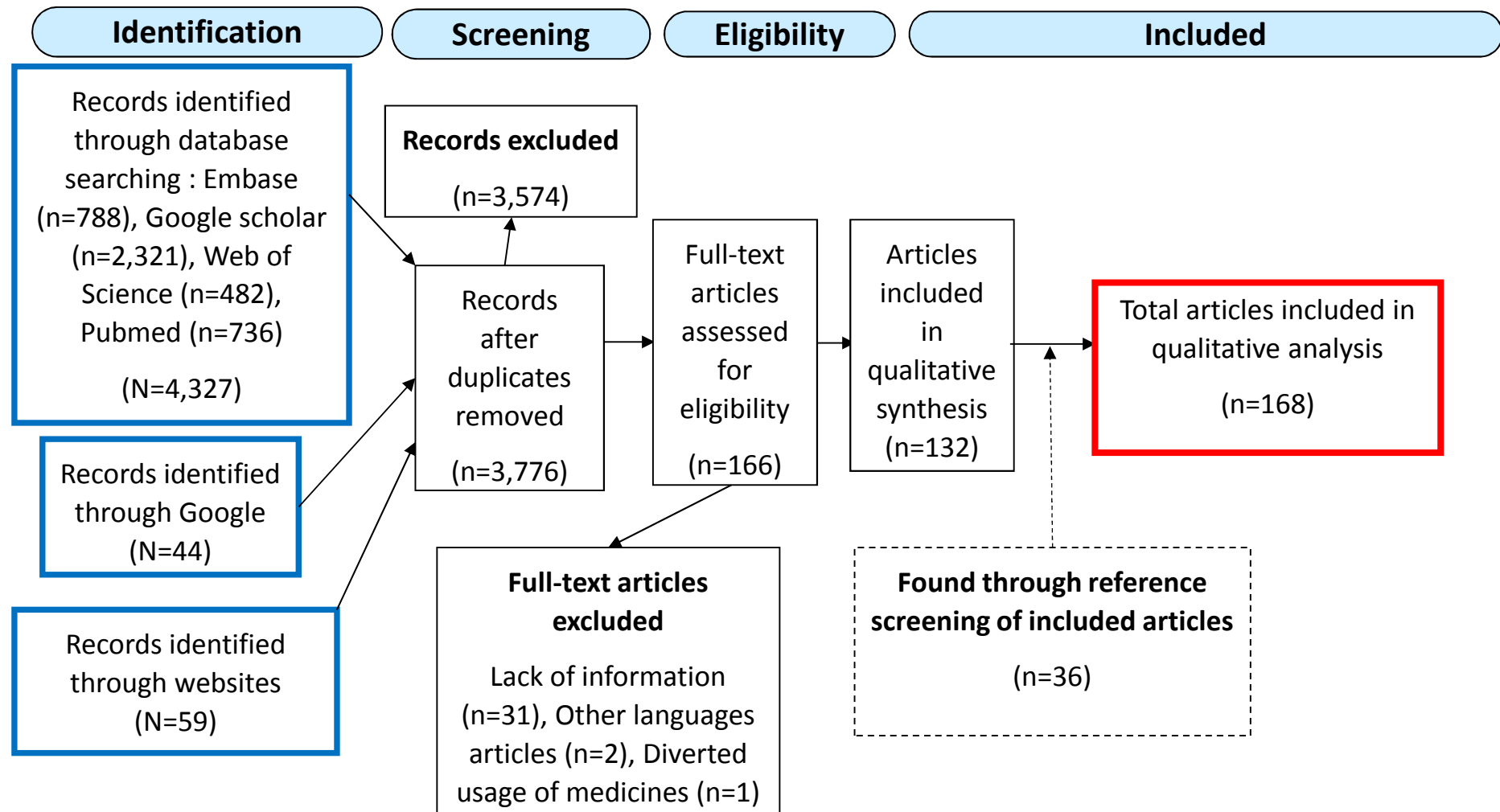
~ 300,000 Maternal deaths in 2015

Poor quality medicines?

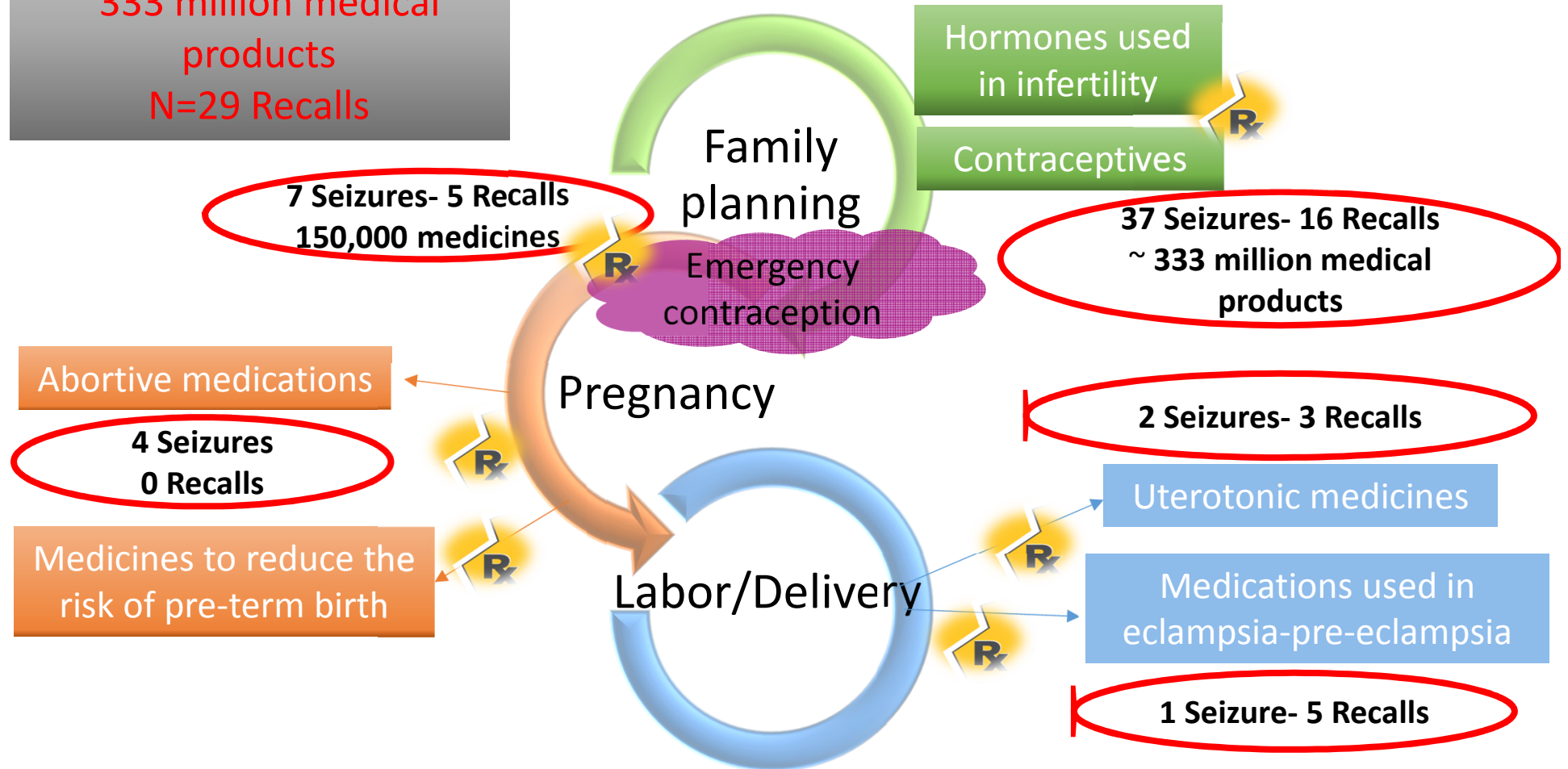


A systematic review of the literature from 1946 to May 2016

(substandard medicine OR falsified medicine.....) AND (contraceptive OR
morning after pill OR condom OR abortive medicine OR pregnancy test OR
uterotonic OR magnesium sulfate.....)

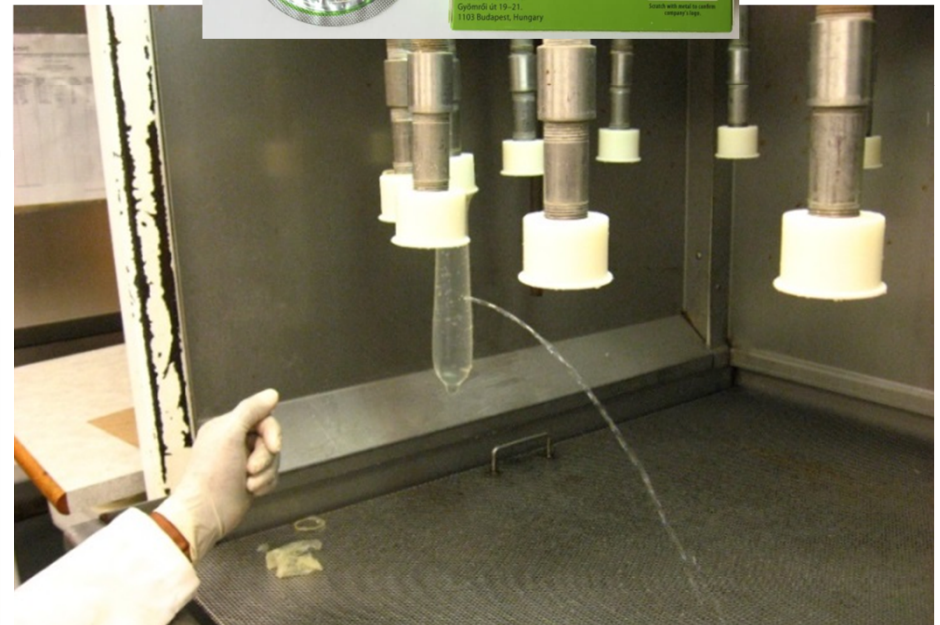


N=51 Seizures
~333 million medical
products
N=29 Recalls



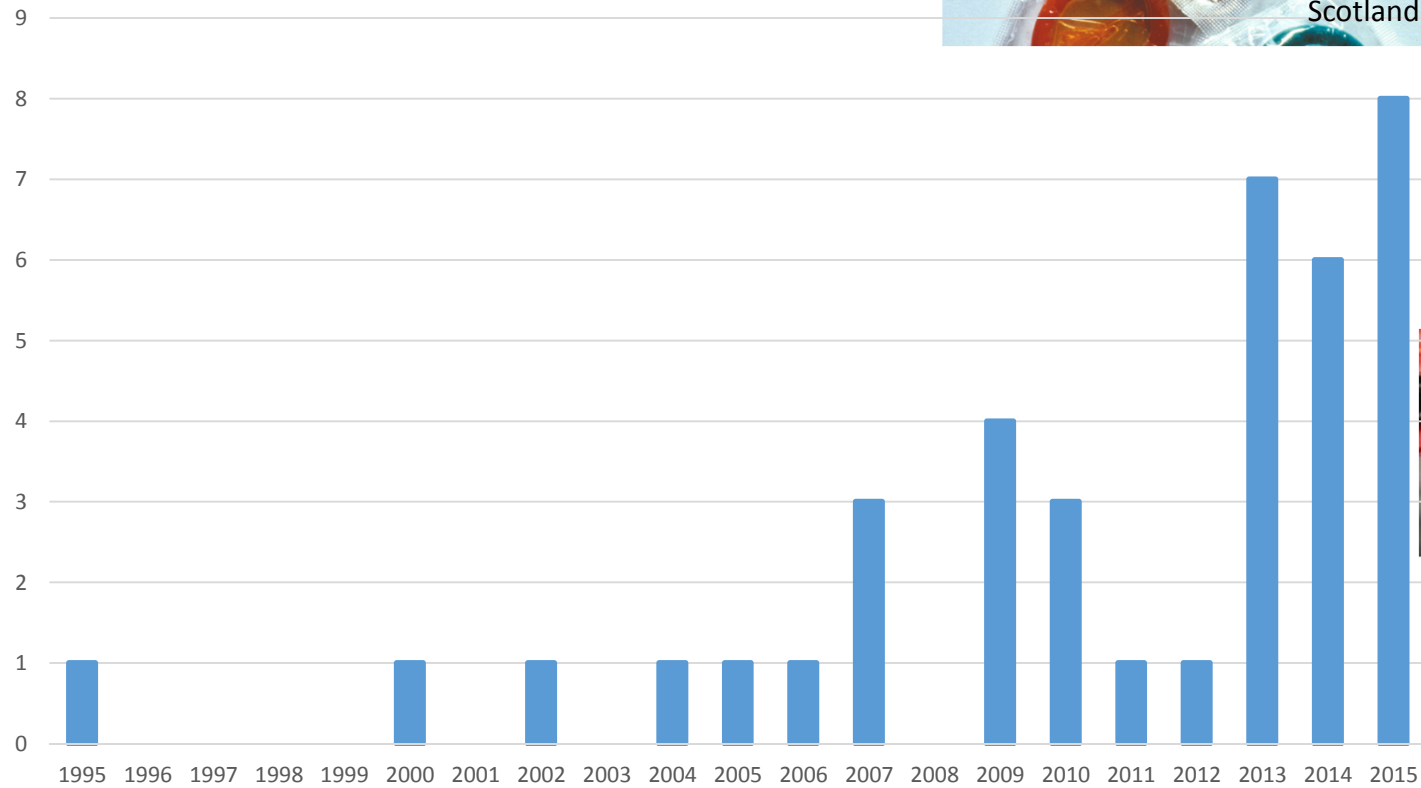


Protection racket: Millions of TOXIC condoms seized in China after police raid gang who were selling knock-offs that cost 1p each to make



Seizures

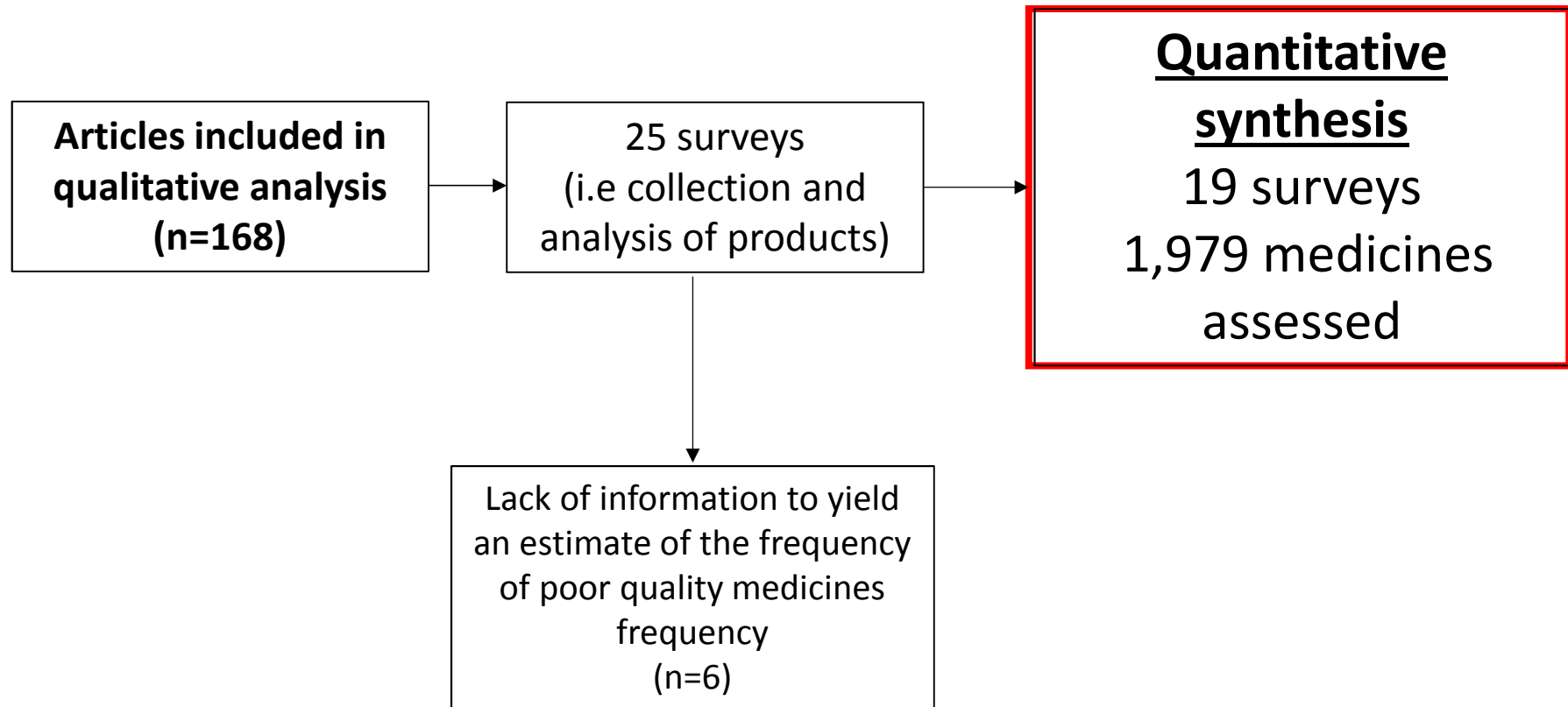
Number of publications



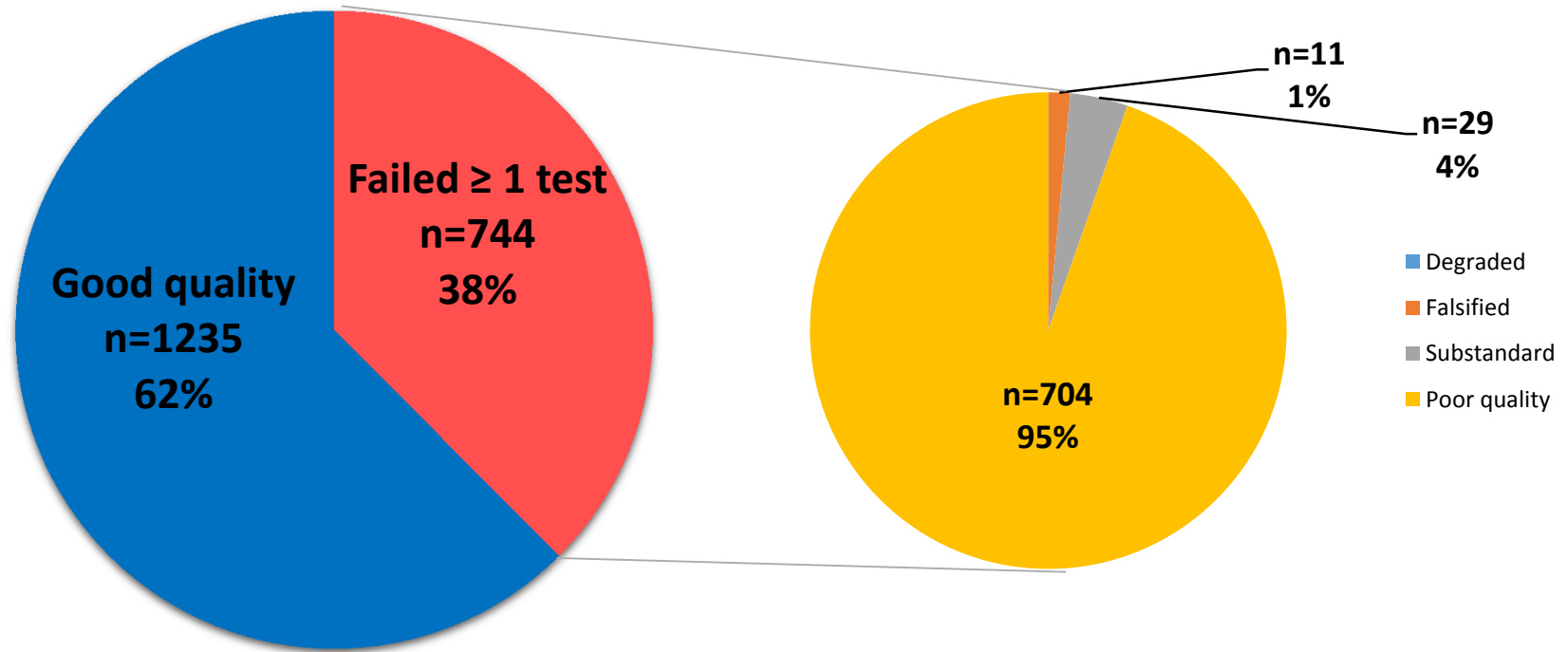
Fake condoms lubricated with Swarfega seized



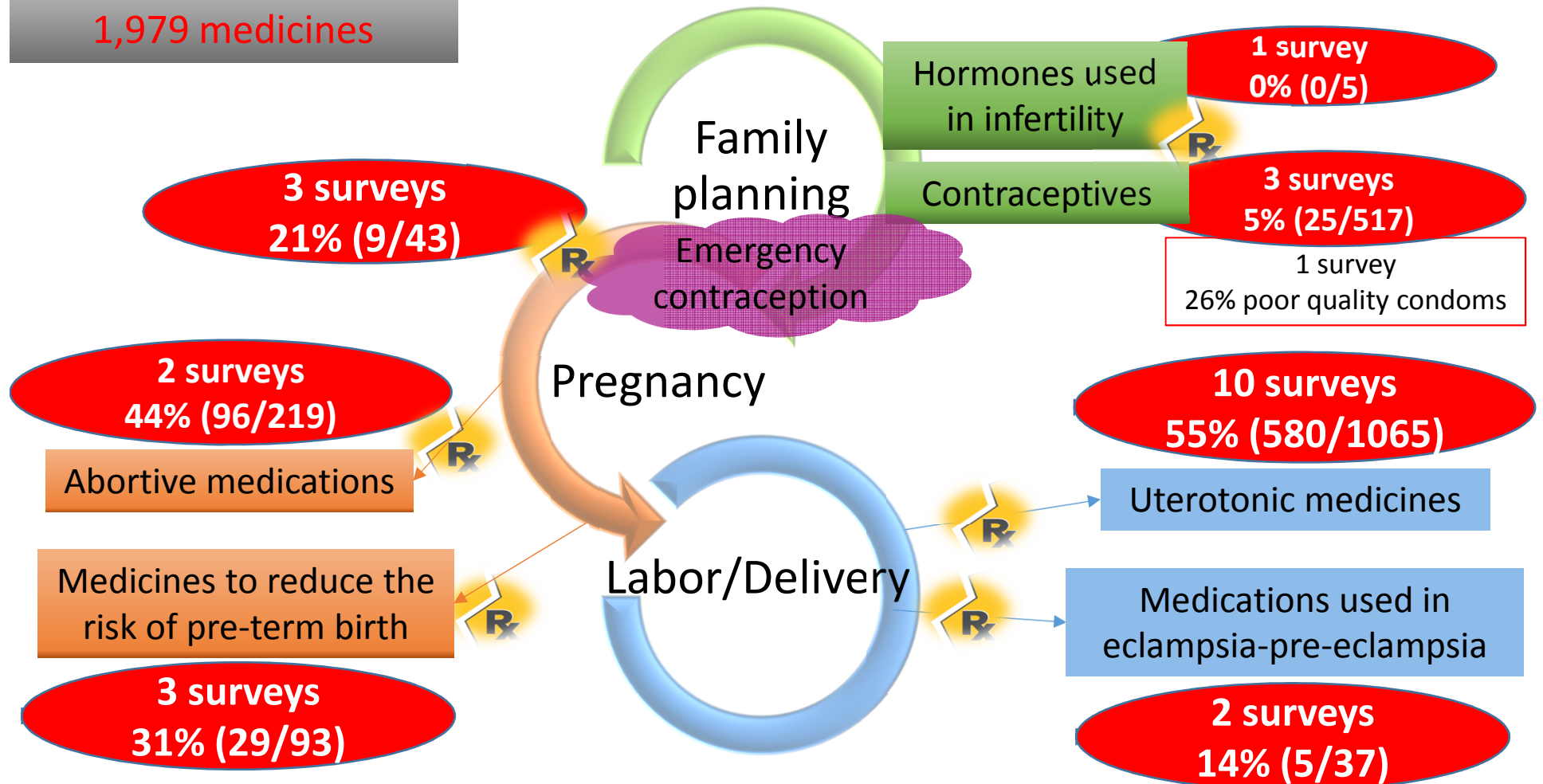
Italy Seizes 600K Counterfeit Condoms Made with Noxious Chemicals



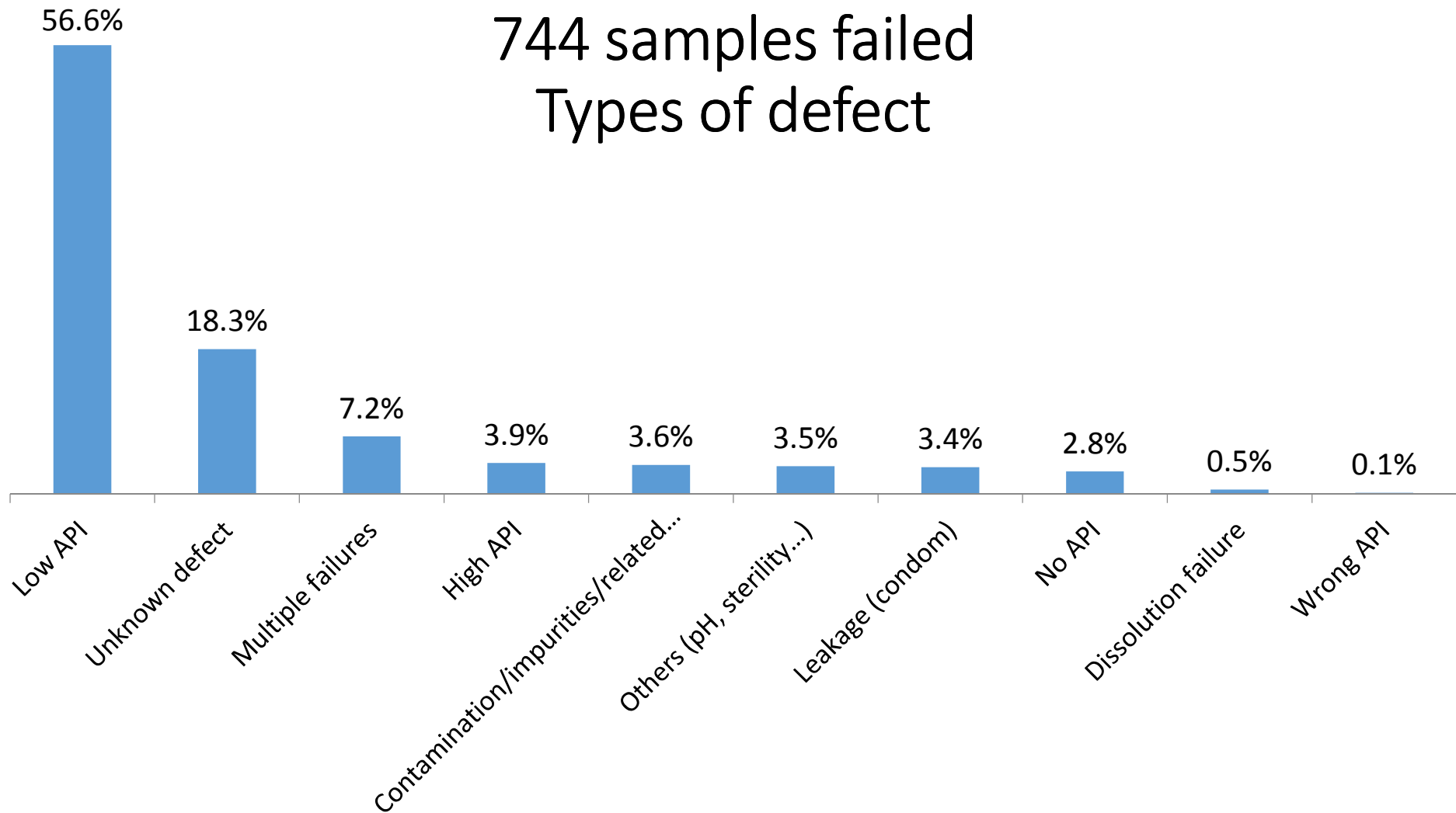
19 surveys - 1,979 samples



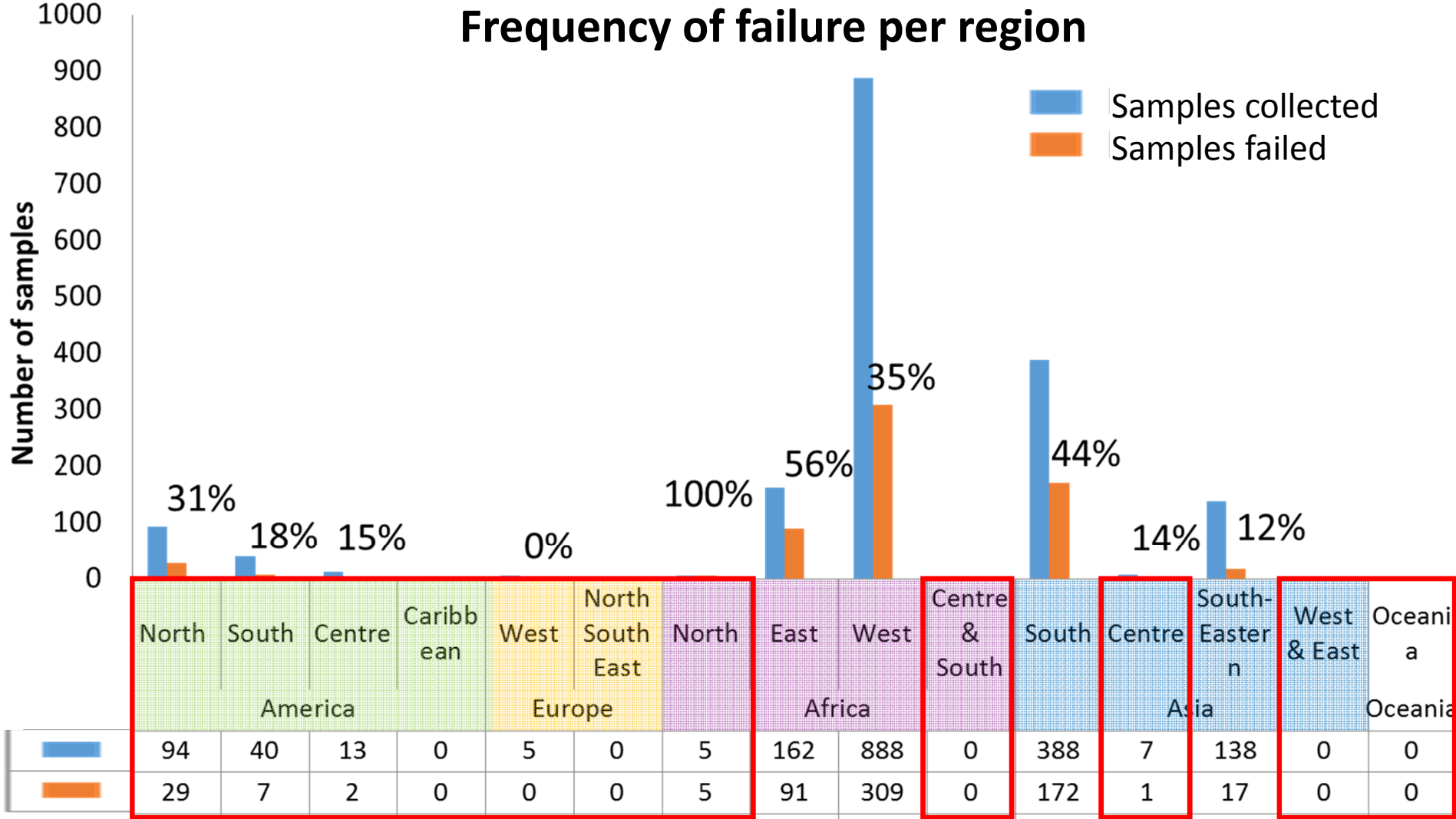
19 surveys
1,979 medicines

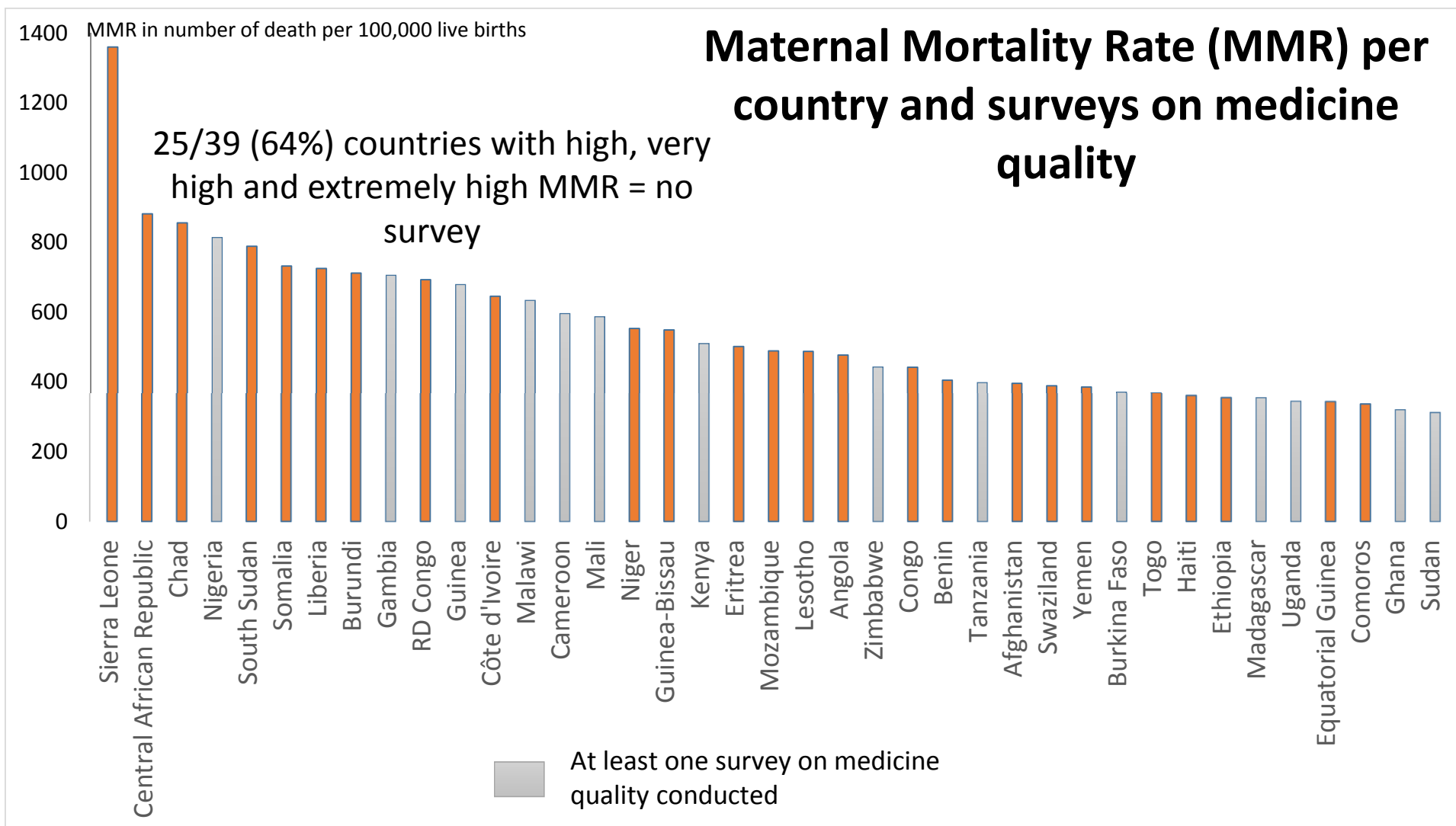


744 samples failed Types of defect



Frequency of failure per region





Take home messages

- Uterotonic, abortive medications , contraceptives +++
- Lack of data, especially in countries with high MMR
- Increase of seizures-recalls over the last 4-5 years
 - WHO rapid alert system essential
- Poor quality medicines and maternal morbidity-mortality



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