

Feasibility of a Federated Network Analysis Using Real-World Data Mapped to OMOP Common Data Model to Estimate Healthcare Resource Utilisation and Costs of Imminent Subsequent Fracture

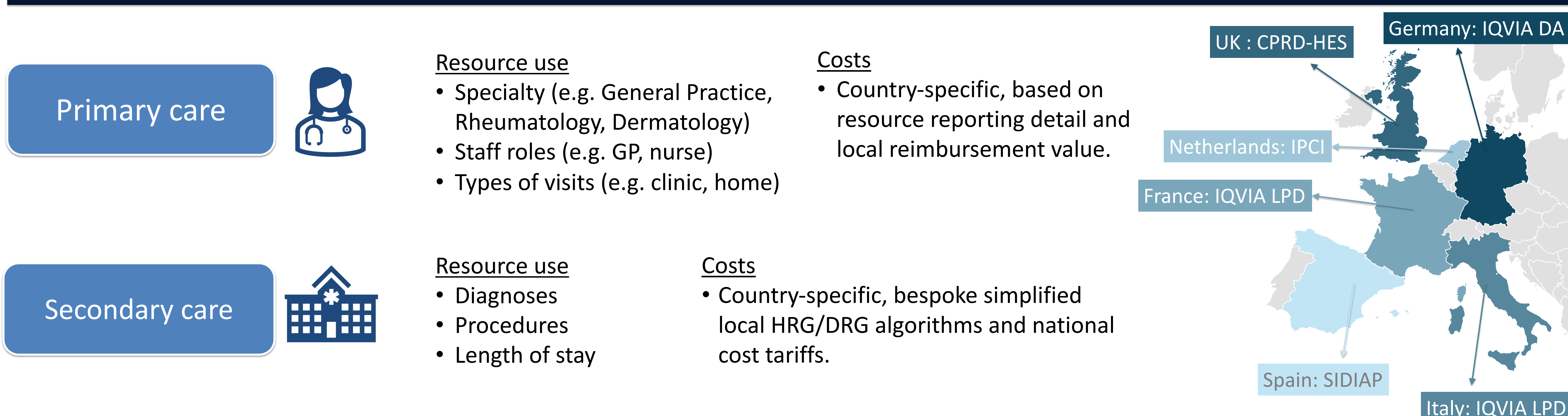
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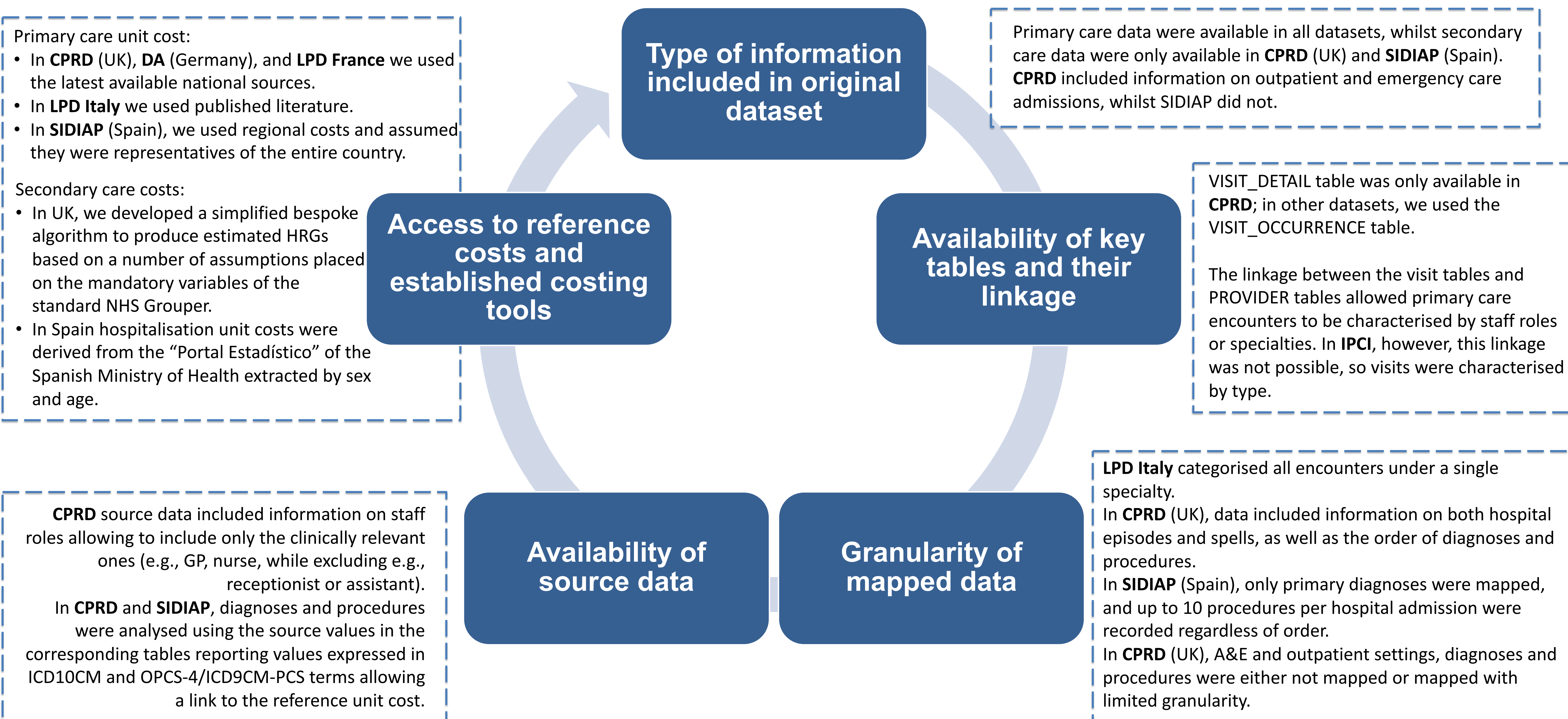
Objective

To assess the suitability of OMOP-mapped RWD from six European countries to estimate the healthcare resource use and costs of imminent subsequent fractures in postmenopausal women with fragility fractures in primary and secondary care.

Methods



Results



Conclusions

- It seems feasible to estimate resource use and costs within the OMOP-CDM environment using electronic healthcare records from administrative datasets.
- Despite data standardisation, resource use and costs analyses may still require database-specific scripts due to dataset unique characteristics.
- Understanding the data mapping process, through ETL documentation and consultation with local data partners, is crucial.
- Access to established local costing sources and methods is essential for accurate cost estimation.