Current definitions of advanced multimorbidity:

a scoping review of research, policy and practice





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Background

Multimorbidity is most commonly defined as the presence of two or more long-term health conditions.

With medical advances, people are living for longer with multimorbidity.

Current models of delivery of end of life and palliative care are designed around the needs of people with **single conditions**, predominantly cancer.

It is **challenging to identify** when people with multimorbidity are approaching the end of life – so called **advanced multimorbidity**.

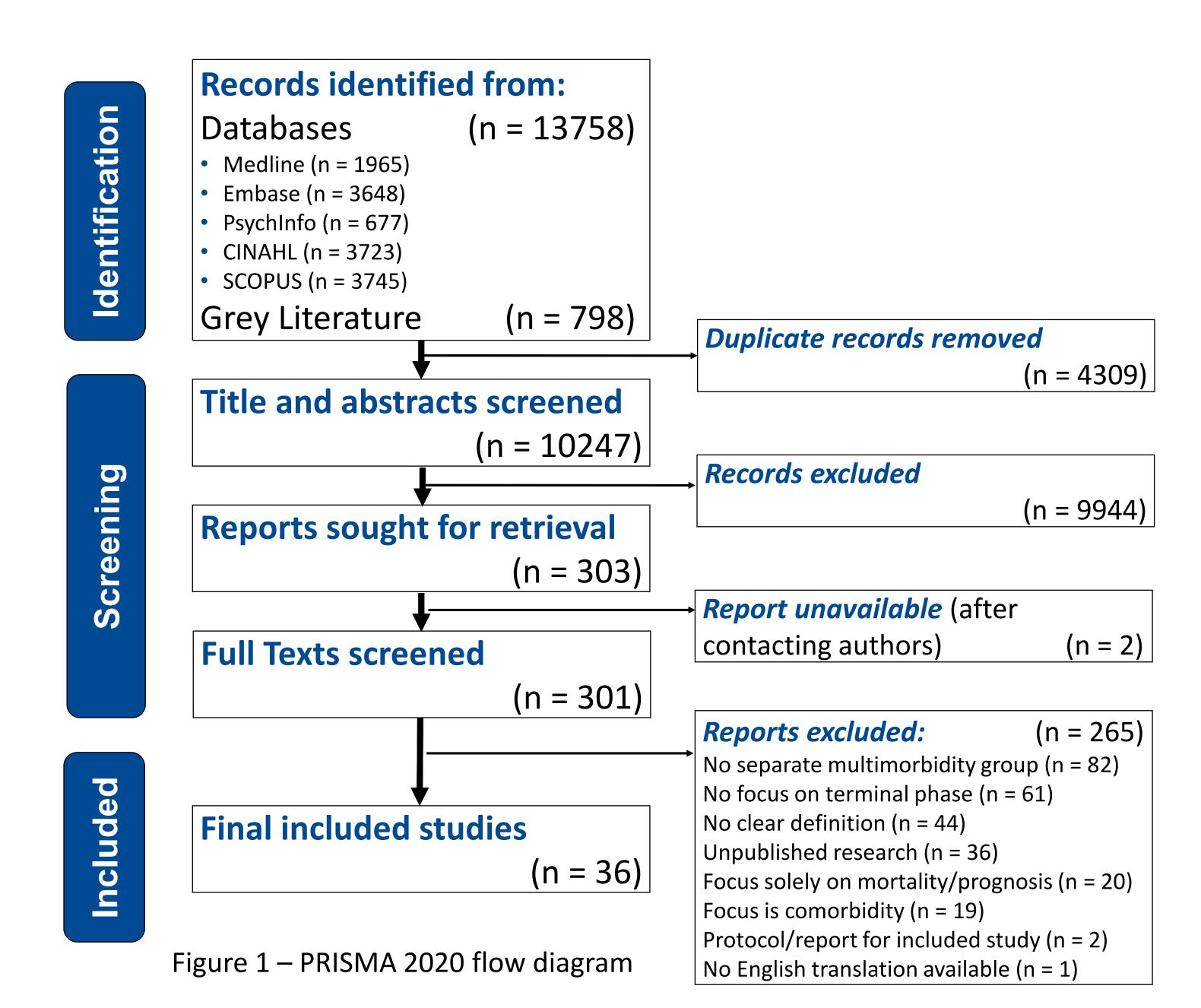
Aim

This **scoping** review aims to identify and present the available evidence on how people with advanced multimorbidity are currently included in **research**, **policy and clinical practice**.

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Methods

- Arksey & O'Malley framework for scoping review
- Search terms centred around "multimorbidity" and "end-stage", "palliative" and "terminal"
- Medline, EMBASE, CINAHL, Scopus, Psychlnfo and Grey Literature
- Studies selected if defining multimorbidity in a terminal phase
- > Inductive content analysis



Results

36 studies were identified

Used 29 different definitions

17 Quantitative, 4 Qualitative, 6 Mixed Methods, 5 Reviews, 3 Editorials, 1 Case Study

Features of study	Studies
Multimorbidity + markers of deterioration	15
Age + multimorbidity (unspecified	6
conditions)	O
Assessment tool	5
Age + multimorbidity (specified conditions)	3
Multiple life limiting/palliative conditions	2
ICD-10 code: "Debility, unspecified"	2
Charlson score (>5)	1
Computerised algorithm	1

Table 1 – Description of definitions

Conclusion

Inconsistencies remain in how advanced multimorbidity is described

Markers of deterioration (e.g. healthcare use, physical decline) can aid identification of end-of-life care needs.