

Application of Andersen Behavioral Model for community-dwelling elderly in healthcare utilization: A scoping review

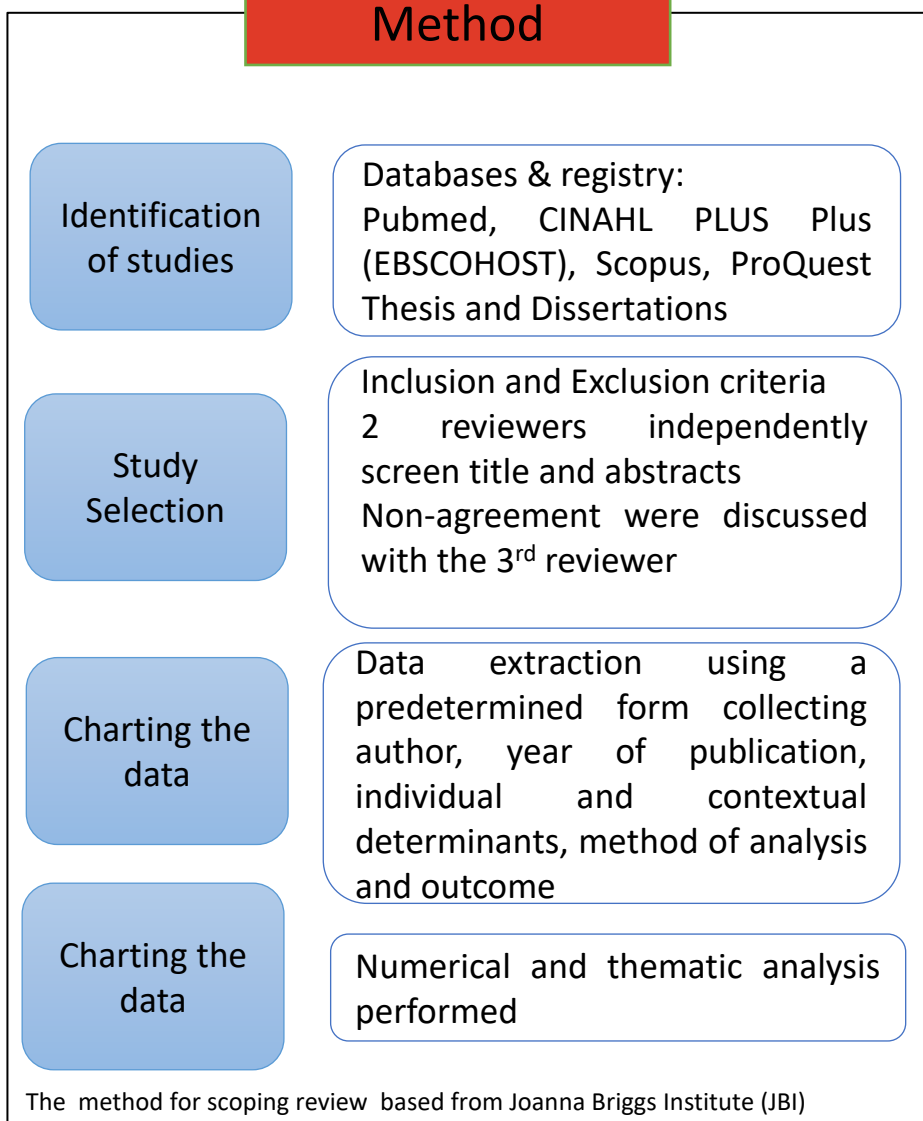
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Introduction

- Demographic ageing has been progressing rapidly in low- and-middle income countries¹.
- With COVID-19, increasing respiratory infections caused an increase in health services utilization².
- Andersen's Behavioral Model (ABM) has been used extensively in studies investigating health services utilization³.
- Scoping review was used to map the breadth of evidence existed⁴.
- This review aims to assess the implementation of individual variables in the ABM used in recent studies and the quantitative methods.

Method



Results

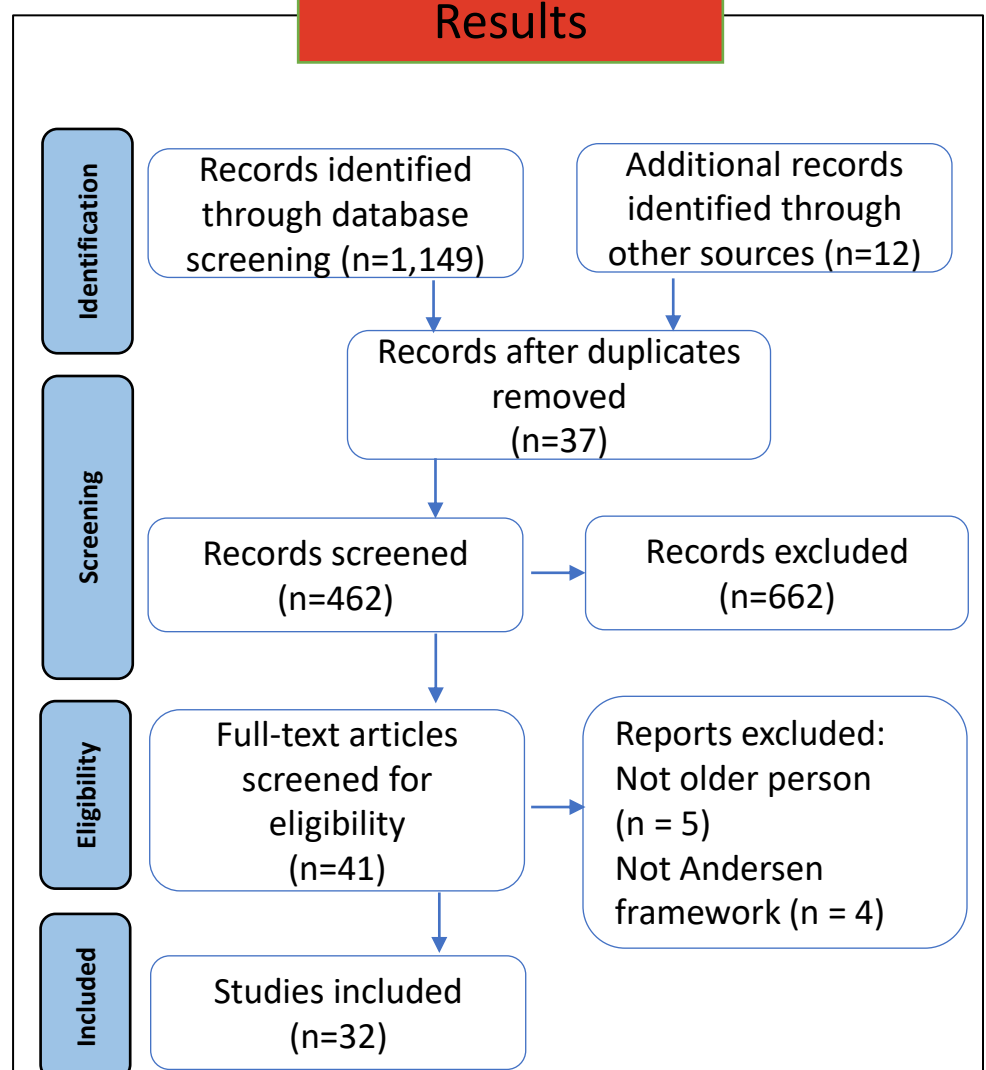


Figure 1: Prisma flow diagram for scoping review illustrating the selection process from JBI methodology

Discussion and Conclusion

- Similarities for socioeconomic whilst unique contextual determinants supporting the aim of individual studies and health systems for respective countries.
- Future research focuses on elderly health behavioural utilization towards sustainable healthcare services for the elderly population.

- Individual factors showed highest consistency; age (n=31), gender (n=30), marital status (n=22), education (n=23), income/financial situation (n=16), health insurance (n=15), self-reported/perceived health (n=16) and morbidities (n=18).
- The outcome measured on primary care (n=9) and hospitalization (n=5).
- Common methods were multivariate regression (n=17) and generalized linear model (n=6).

Acknowledgement

Authors are grateful to the UPM librarian for their guidance and help for searching the articles

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