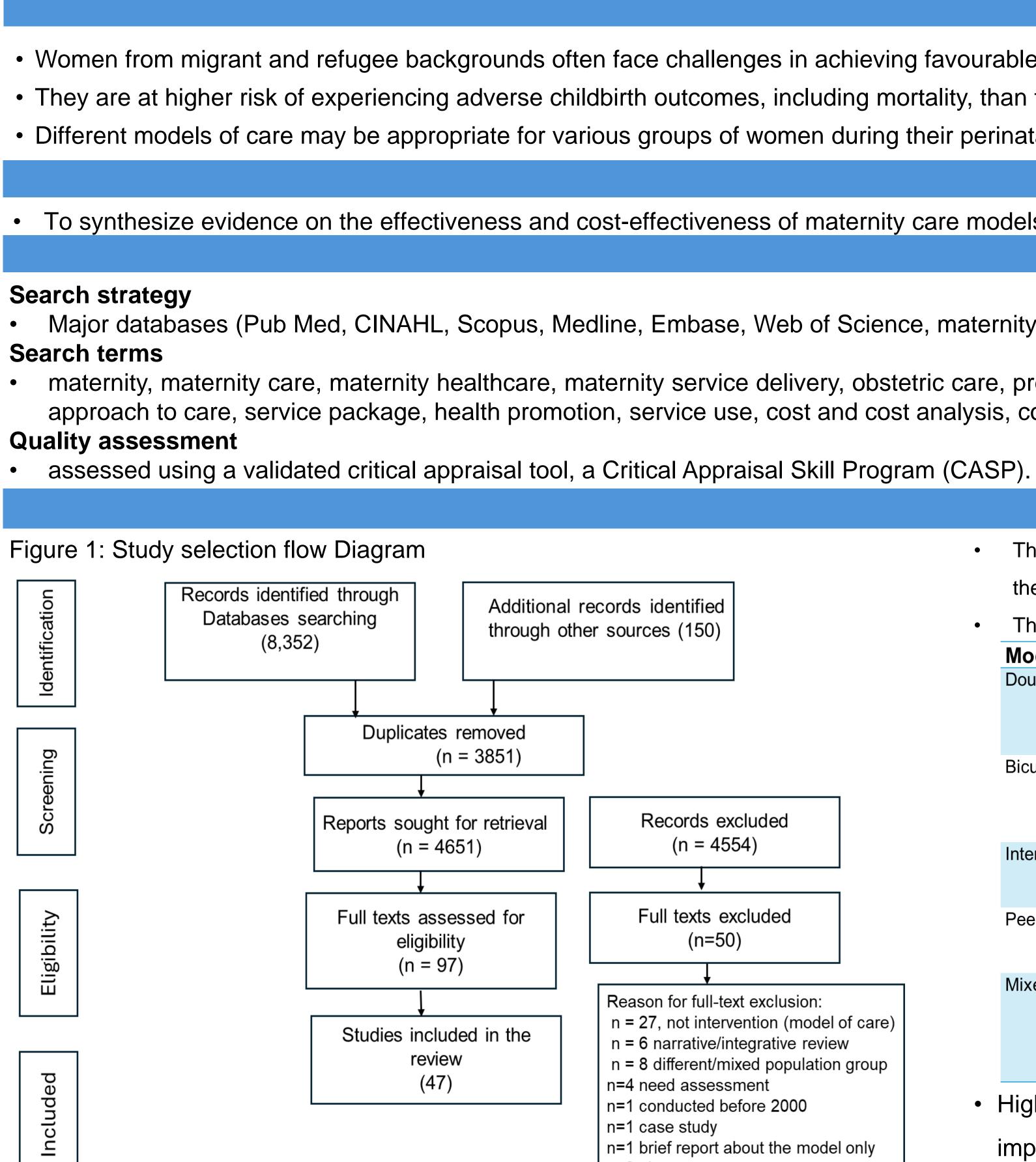
Effectiveness and cost-effectiveness of models of maternity care among women from migrant and refugee backgrounds in high-income countries: A systematic review

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- measurement tools is crucial.
- efficient interventions.

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Introduction

• Women from migrant and refugee backgrounds often face challenges in achieving favourable obstetric outcomes and accessing healthcare services(1). • They are at higher risk of experiencing adverse childbirth outcomes, including mortality, than their counterparts from the host population. • Different models of care may be appropriate for various groups of women during their risk level, location, and accessibility of healthcare practitioners and facilities(2).

Aim

To synthesize evidence on the effectiveness and cost-effectiveness of maternity care models among women from migrant and refugee backgrounds living in high-income countries. Methods

Major databases (Pub Med, CINAHL, Scopus, Medline, Embase, Web of Science, maternity and infant care, Cochrane, and Econlit)

maternity, maternity care, maternity healthcare, maternal health, maternal health, women's health, primary health care, package of care, model of care, maternity health care, pregnancy, antenatal, prenatal, prenat approach to care, service package, health promotion, service use, cost and cost analysis, cost-effectiveness, return on investment, Cost-Benefit (KB), Cost-Utility (KU), economic analysis, and economic evaluation.

| | Re | esults | |
|---|--|---|--|
| | The review included 165,834 women from | om six countries: Australia, Canada, Norway, Sweden, | |
| Records excluded (n = 4554) Full texts excluded (n=50) Reason for full-text exclusion: n = 27, not intervention (model of care) n = 6 narrative/integrative review n = 8 different/mixed population group n=4 need assessment n=1 conducted before 2000 n=1 case study n=1 brief report about the model only n=2 abstract | the United States, and the United Kingdom, The examined models of maternity were categorised into five main groups: | | Area of effectiveness |
| | | | |
| | Doula-Incorporated Models | Experienced non-medical support persons - to provide emotional, physical, and informational support to refugee women during pregnancy, childbirth, and postpartum. | |
| | Bicultural Community Health Worker Models | Who share the same cultural background as the refugee women. These workers help bridge the gap between the healthcare system and the refugee community. | Mental health Community Involvement Cultural and linguistic barriers |
| | Interpreter-Utilizing Models | Use professional interpreters to facilitate communication and understanding between refugee women and healthcare providers. | |
| | Peer Mentor and Support Group Models | Engage peer mentors and support groups to provide social, emotional, and informational support to refugee women throughout their maternity journey. | |
| | Mixed Community and Professional Models | Address the specific needs of refugee women by involving a combination of community groups and healthcare professionals. | |
| | | They may also utilize designated locations to deliver this integrated care. | |
| | Highlighted the positive impact of community and stakeholders' involvement in | | |
| | implementing models of maternity care for women from migrant and refugee | | |
| | backgrounds. | | Economic evaluation |
| | | | economic analysis from the healthcare service |
| | perspective, estimating potential | cost savings of \$148,864 per 100 women | |
| | associated with implementing Grou | p Prenatal Care (GPC) due to its potential to | |
| | reduce preterm births and low birth | weight. | |
| | Conclusion and imp | lication for future research | |

While the reviewed models demonstrated effectiveness in improving perinatal health outcomes, there was considerable variation in outcomes and assessment tools across the models; reaching a consensus on prioritised perinatal outcomes and

Researchers and policymakers should collaborate to enhance the quality and quantity of economic evaluations to support evidence-based decision-making; thoroughly comparing costs and outcomes across various health models to determine the most

By emphasising the importance of comprehensive economic evaluations, healthcare systems can better allocate resources, ultimately leading to more effective and efficient healthcare delivery.





| Key Findings | | | |
|--------------------------------|--|--|--|
| Findings | | | |
| caes • Imp | uced use of medical interventions (e.g., sarean sections, epidural analgesia) roved outcomes (higher rates of spontaneous nal births, breastfeeding initiation) | | |
| with impi | ed results on mental health improvements, some studies showing significant rovements and others showing non- ificant associations | | |
| impl pape • Dou | n participation of community members in ementing the models (93.6% of reviewed ers) las, bicultural health workers, interpreters, peer mentors played significant roles | | |
| and and prov • Utiliz | urally responsive care addressed cultural linguistic barriers, improving communication trust between women and healthcare viders zation of interpreters and doulas improved uage barriers and service utilization | | |
| stud com | ial economic evaluation assessed by a single ly, highlighting the need for more prehensive economic evaluations of ernity care models | | |
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