

Protocol for a Systematic Review on Postpartum Depression

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IAMANEH Scholarship

Training Course in Reproductive
Health Research
WHO 2007

Background

Definition

- Difficult
- DSM-IV criteria

Prevalence varies widely

- Diversity
- Methodology

Background



Diagnosis

- Structured clinical interview
- Edinburgh Postnatal Depression Scale
- Beck Depression Inventory
- Others – there is not an ideal instrument

Systematic reviews



Bennett et al.

- Depression **during** pregnancy
- Articles published in **English**
- 1966 to 2003
- SCI, EPDS, BDI
- 21 studies
- 19,284 patients
- Prevalence: 7.4 to 12.8%

Systematic reviews

- 📄 Gavin et al.
 - Perinatal depression
 - Articles in English / developed world
 - 1980 to 2004
 - Clinical assessment/SCI
 - 28 studies
 - Prevalence: 6.5 to 12.9%

Objective

- Perform a systematic review on postpartum depression worldwide

Methodology

- Inclusion criteria
 - Observational studies
 - 1st January 1990 - 31st December 2006
 - Prevalence data
- Exclusion criteria
 - Study participants < 200
 - Age below 18 years
 - non-general obstetric population
 - No methodology

Methodology



Search strategy

- WHO specialized librarian
- English, French, Spanish, Portuguese
- LILACS
- EMBASE
- CINAHL
- PsycINFO
- Secondary search
- Endnote

Methodology

- 📄 Screening & Selection
 - Title/abstracts : inclusion criteria
 - Screening form
 - 2 reviewers
 - Third party: disagreement
- 📄 Data extraction form
 - Adapted from WHO study on Maternal Mortality and Morbidity

Methodology

- 📄 Data quality
 - Recruitment strategy
 - Clear Inclusion/Exclusion criteria
 - Dropouts/Missing data info
 - Individual assessment of each reviewer

Methodology



Data Analysis

- Forest plots
- Test Heterogeneity
- Meta-analysis (if possible)

Thank you!



Obrigado!

