**SupplementaryMethods1.** Searchstrategies

**SupplementaryFigure1.** Flow chart

**SupplementaryTable1.** Characteristics of included studies

**SupplementaryFigure2.** ROC curve

**SupplementaryTable2.** References

**SupplementaryMethods1. Search strategies**

**MEDLINE (OvidSP)**

1. EPDS.af.

2. Edinburgh Postnatal Depression.af.

3. Edinburgh Depression Scale.af.

4. or/1-3

5. Mass Screening/

6. Psychiatric Status Rating Scales/

7. "Predictive Value of Tests"/

8. "Reproducibility of Results"/

9. exp "Sensitivity and Specificity"/

10. Psychometrics/

11. Prevalence/

12. Reference Values/

13. Reference Standards/

14. exp Diagnostic Errors/

15. Mental Disorders/di, pc [Diagnosis, Prevention & Control]

16. Mood Disorders/di, pc [Diagnosis, Prevention & Control]

17. Depressive Disorder/di, pc [Diagnosis, Prevention & Control]

18. Depressive Disorder, Major/di, pc [Diagnosis, Prevention & Control]

19. Depression, Postpartum/di, pc [Diagnosis, Prevention & Control]

20. Depression/di, pc [Diagnosis, Prevention & Control]

21. validation studies.pt.

22. comparative study.pt.

23. screen\*.af.

24. prevalence.af.

25. predictive value\*.af.

26. detect\*.ti.

27. sensitiv\*.ti.

28. valid\*.ti.

29. revalid\*.ti.

30. predict\*.ti.

31. accura\*.ti.

32. psychometric\*.ti.

33. identif\*.ti.

34. specificit\*.ab.

35. cut?off\*.ab.

36. cut\* score\*.ab.

37. cut?point\*.ab.

38. threshold score\*.ab.

39. reference standard\*.ab.

40. reference test\*.ab.

41. index test\*.ab.

42. gold standard.ab.

43. or/5-42

44. 4 and 43

**PsycINFO (OvidSP)**

1. EPDS.af.

2. Edinburgh Postnatal Depression.af.

3. Edinburgh Depression Scale.af.

4. or/1-3

5. Diagnosis/

6. Medical Diagnosis/

7. Psychodiagnosis/

8. Misdiagnosis/

9. Screening/

10. Health Screening/

11. Screening Tests/

12. Prediction/

13. Cutting Scores/

14. Psychometrics/

15. Test Validity/

16. screen\*.af.

17. predictive value\*.af.

18. detect\*.ti.

19. sensitiv\*.ti.

20. valid\*.ti.

21. revalid\*.ti.

22. accura\*.ti.

23. psychometric\*.ti.

24. specificit\*.ab.

25. cut?off\*.ab.

26. cut\* score\*.ab.

27. cut?point\*.ab.

28. threshold score\*.ab.

29. reference standard\*.ab.

30. reference test\*.ab.

31. index test\*.ab.

32. gold standard.ab.

33. or/5-32

34. 4 and 33

**Web of Science (Web of Knowledge)**

#1. TS=(EPDS OR “Edinburgh Postnatal Depression” OR “Edinburgh Depression Scale”)

#2. TS=(screen\* OR prevalence OR “predictive value\*” OR detect\* OR sensitiv\* OR valid\* OR revalid\* OR predict\* OR accura\* OR psychometric\* OR identif\* OR specificit\* OR cutoff\* OR “cut off\*” OR “cut\* score\*” OR cutpoint\* OR “cut point\*” OR “threshold score\*” OR “reference standard\*” OR “reference test\*” OR “index test\*” OR “gold standard” OR “reliab\*”)

#2 AND #1

*Databases=SCI-EXPANDED, SSCI, A&HC*

**SupplementaryFigure1.** Flow chart



**SupplementaryTable1. Characteristics of included studies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **First Author, Year** | **Country** | **Recruited Population** | **Classification System** | **Total N** | **Major Depression** |
| **N (%)** |
| **Barnes, 20091** | UK | Socially disadvantaged mothers at 2 months postpartum | DSM-III-R | 347 | 25 (7) |
| **Beck, 20012** | USA | Postpartum mothers | DSM-IV | 150 | 18 (12) |
| **de Figueiredo, 20153** | Brazil  | Postpartum women enrolled in prenatal care outpatient services in a Brazilian city  | DSM-IV | 241 | 94 (39) |
| **Green, 20184** | Kenya | Pregnant and postpartum women receiving maternity services | DSM-V | 161 | 7 (4) |
| **Helle, 20155** | Germany | Mothers with very low birthweight and normal weight infants between 4 and 6 weeks postpartum | DSM-IV | 224 | 12 (5) |
| **Howard, 20186** | UK | Pregnant women recruited from an inner-city London maternity service | DSM-IV | 527 | 130 (25) |
| **Ing, 20177** | Thailand  | Postpartum migrant and refugee women | DSM-IV | 625 | 5 (1) |
| **Kettunen, 20178a** | Finland | Postpartum women recruited from antenatal clinics | DSM-IV | 134 | 65 (49) |
| **Leonardou, 20099** | Greece | Postpartum women recruited from private and public maternity wards on their second day postpartum | DSM-III-R | 81 | 4 (5) |
| **Nakić Radoš, 201310** | Croatia | Women between 6 and 8 weeks postpartum | DSM-IV-TR | 272 | 10 (4) |
| **Phillips, 200911** | Australia | Postpartum mothers with unsettled infants | DSM-IV | 158 | 42 (27) |
| **Prenoveau, 201312** | UK | Postpartum women at 10 months recruited from mixed health centres | DSM-IV  | 219 | 20 (9) |
| **Rochat, 201313** | South Africa  | Women recruited from their antenatal appointment at a primary health care clinic between 26 and 34 weeks of pregnancy  | DSM-IV | 104 | 50 (48) |
| **Smith-Nielsen, 201814b** | Denmark | Postpartum women | DSM-V | 320 | 118 (37) |
| **Stewart, 201315** | Malawi | Pregnant women attending an antenatal clinic in rural Malawi | DSM-IV | 186 | 34 (18) |
| **Tandon, 201216** | USA | Pregnant and postpartum women enrolled in home visitation programs | DSM-IV | 89 | 25 (28) |
| **Tendais, 201417** | Portugal  | Pregnant women recruited in an obstetrics outpatient unit  | DSM-IV | 141 | 18 (13) |
| **Töreki, 201318** | Hungary | Women at 12 weeks antenatal | DSM-IV | 219 | 7 (3) |
| **Töreki, 201419** | Hungary | Women between 6 and 8 weeks postpartum | DSM-IV | 265 | 8 (3) |
| **Tran, 201120** | Vietnam | Pregnant and postpartum Vietnamese women recruited from the commune health centre  | DSM-IV | 359 | 52 (14) |
| **Turner, 200921** | Italy | Women from a regional epilepsy center in Italy between 5 and 8 weeks postpartum | DSM-IV-TR | 29 | 2 (7) |
| **Vega-Dienstmaier, 200222** | Peru | Women up to 12 months postpartum | DSM-IV | 306 | 19 (6) |

a The primary study used a case-control design but was unable to provide statistical weights to reflect sampling procedures.

b This study was not retrieved at the time of electronic database search.

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**SupplementaryFigure2** ROC Curve

**SupplementaryTable2 references**

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