**Appendix E. Study Characteristics Table**

**Appendix Table E-1. Characteristics of included studies**

| **Article/Study/ Applicable KQ** | **Study Details** | **Participant Flow** | **Population Characteristics** | **Screening Characteristics** | **Outcomes Reported** | **Study Quality; Notes** |
| --- | --- | --- | --- | --- | --- | --- |
| Akincigil, 20101FFCWS (Fragile Families and Child Wellbeing Study)KQ 2 | Design: Prospective cohortLocation: U.S.Setting: HospitalFunding: GovernmentProvider: NR | Assessed: 4365Eligible: 4365Enrolled: 4365Completed: 4365Analyzed: 4348 | Sex: Female (4348, 100%)Age distribution (*see* Note at right):  N <22 yr=1520 N 22-24=830 N 25-34=1998 N >34=944Ethnicity: Hispanic or Latino N=1165Race: Black/ African American N=2065, White N=944, Other N=165Special population: None | Screening tool(s): CIDI-SFTiming: PerinatalDiagnostic comparator: CIDI-SF | Performance characteristicsScores on diagnostic instruments for depression (DSM-IV criteria) | Test performance: High risk of bias Patient-centered outcomes: FairNote: Numbers reported under “Age distribution” at left reflect error in paper (total 5292, which is >4365 assessed and > 4348 analyzed |
| Andersson, 20062KQ 2 | Design: Prospective cohortLocation: EuropeSetting: Hospital Funding: NRProvider: Obstetricians, research nurses | Assessed: 720Eligible: 720Enrolled: 650Completed: 650Analyzed: 650 | Sex: Female (650, 100%) Mean age: 29.5 (SD 4.5)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): PRIME-MD PHQTiming: >8 wk to 12 moDiagnostic comparator: PRIME-MD CEG | Performance characteristicsScores on diagnostic instruments for depression | Test performance: Unclear risk of biasPatient-centered outcomes: Good |
| Austin, 20113KQ 1 | Design: Prospective cohortLocation: AustraliaSetting: Birthing center, short-term postpartum followupFunding: Government and non-government, non-industry sourcesProvider: Nurse-midwives | Assessed: 1296Eligible: 1196Enrolled: 1196Completed: 1196Analyzed: 276 | Sex: Female (276, 100%) Mean age: 31.4 (SD 4.9)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): Antenatal Risk Questionnaire (ANRQ)Timing: >8 wk to 12 moDiagnostic comparator: DSM-IV-TR criteria  | Performance characteristics | Test performance: High risk of bias |
| Austin, 20104KQ 1 | Design: Prospective cohortLocation: UKSetting: HospitalFunding: GovernmentProvider: NR | Assessed: NREligible: 2250Enrolled: 1549Completed: 300Analyzed: 300 | Sex: Female (1549, 100%) Mean age: 31.3 (SD 4.43)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDS, Interval symptom questionTiming: >8 wk to 12 moDiagnostic comparator: CIDI | Performance characteristics | Test performance: High risk of bias |
| Barnes, 20095Home StartKQ 2 | Design: Cluster randomizedLocation: UKSetting: Prenatal care, home Funding: Non-government, non-industryProvider: Home volunteer visitors | Assessed: 1007Eligible: 527Enrolled: 389Completed: 250Analyzed: 250 | Sex: Female (250, 100%) Mean age: 28.9 (SD 5.8)Ethnicity: NRRace: White N=203Special population: SDI ≥9 | Screening tool(s): EPDSTiming: >8 wk to 12 moDiagnostic comparator: SCID | Performance characteristicsScores on diagnostic instruments for depression | Test performance: Low risk of bias Patient-centered outcomes: Fair  |
| Beck, 20056KQ 2(*See* Note at right) | Design: Cross-sectionalLocation: U.S.Setting: Short-term postpartum followupFunding: Non-government, non-industryProvider: Mental health professionals | Assessed: NREligible: NREnrolled: 150Completed: 150Analyzed: 150 | Sex: Female (150, 100%) Mean age: 25.75 (SD 5.66)Ethnicity: Hispanic or Latino N=150Race: NRSpecial population: Hispanic | Screening tool(s): PDSSTiming: Discharge to 8 wkDiagnostic comparator: Clinical interview | Performance characteristicsScores on diagnostic instruments for depression | Test performance: High risk of biasPatient-centered outcomes: FairNote: Same population as Beck, 20057 |
| Beck, 20057KQ 1(*See* Note at right) | Design: Cross-sectionalLocation: U.S.Setting: Short-term postpartum followupFunding: Non-government, non-industryProvider: Mental health professionals | Assessed: NREligible: NREnrolled: 150Completed: 150Analyzed: 150 | Sex: Female (150, 100%) Mean age: 25.75 (SD 5.66)Ethnicity: Hispanic or Latino N=150Race: NRSpecial population: Hispanic | Screening tool(s): PDSSTiming: Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: Clinical interview | Performance characteristics | Test performance: High risk of biasNote: Same population as Beck, 20056 |
| Bloch, 20058KQ 2 | Design: Prospective cohortLocation: IsraelSetting: Hospital, home Funding: GovernmentProvider: Mental health professionals | Assessed: NREligible: 1800Enrolled: 318Completed: 244Analyzed: 244 | Sex: Female (1800, 100%) Mean age: 30.4 (SD 5.6)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDS + risk factor questionnaireTiming: Perinatal Diagnostic comparator: SCID | Performance characteristicsScores on diagnostic instruments for depression | Test performance: High risk of bias Patient-centered outcomes: Fair |
| Boyce, 20059KQ 2 | Design: Prospective cohortLocation: AustraliaSetting: HospitalFunding: NRProvider: Obstetricians | Assessed: 749Eligible: 723Enrolled: 522Completed: 425Analyzed: 425 | Sex: Female (425, 100%) Mean age: 26.9 (SD 5.0)Ethnicity: NRRace: NRSpecial population: Normal perinatal outcome | Screening tool(s): EPDSTiming: Perinatal, Discharge to 8 wk, >8 wk to 12 mo Diagnostic comparator: DSM-III-R | Performance characteristicsMaternal well-being/ parenting scores | Test performance: Unclear risk of biasPatient-centered outcomes: Good |
| Burton, 201110KQ 6 | Design: Cross-sectionalLocation: U.S.Setting: HospitalFunding: NRProvider: NR | Assessed: 293Eligible: 37Enrolled: 37Completed: 37Analyzed: 37 | Sex: Female (37, 100%) Age distribution:  N <20=3 N 20-34=32 N ≥25=2Ethnicity/Race: Hispanic or Latino N=29, Black/ African American N=4, White N=3, Other N=1Special population: None | Screening tool(s): EPDSTiming: Prenatal, Discharge to 8 wk, Perinatal (from admission for delivery to discharge) Diagnostic comparator: Diagnostic evaluation | Receipt of appropriate diagnostic/ treatment services for depression | Patient-centered outcomes: Good |
| Chaudron, 201011KQ 1 | Design: Cross-sectionalLocation: U.S.Setting: Well-child visitFunding: GovernmentProvider: Pediatricians | Assessed: 647Eligible: 639Enrolled: 385Completed: 198Analyzed: 198 | Sex: Female (198, 100%) Mean age: 24.6 (SD 5.6)Ethnicity: Hispanic or Latino N=14Race: Black/African American N=137, White N=34, Other N=25Special population: Low income and urban women | Screening tool(s): EPDS, BDI-II, PDSSTiming: Discharge to 8 wk, >8 wk to 12 mo Diagnostic comparator: Clinical interview | Performance characteristics | Test performance: Low risk of bias |
| Chee, 200812KQ 2(*See* Note at right) | Design: Prospective cohortLocation: AsiaSetting: Hospital, obstetrics clinic in tertiary hospitalFunding: IndustryProvider: Study researcher | Assessed: 724Eligible: 687Enrolled: 559Completed: 484Analyzed: 471 | Sex: Female (471, 100%) Age distribution:  N <21=4 N 21-35=373 N >35=94Ethnicity: NRRace: Chinese N=233, Other N=238Special population: None | Screening tool(s): EPDSTiming: Perinatal, >8 wk to 12 moDiagnostic comparator: SCID IV | Performance characteristicsScores on diagnostic instruments for depression | Test performance: High risk of biasPatient-centered outcomes: Fair Note: Same population as Chee, 200513 |
| Chee, 200513KQ 2(*See* Note at right) | Design: Prospective cohortLocation: AsiaSetting: HospitalFunding: GovernmentProvider: Mental health professionals | Assessed: 724Eligible: 559Enrolled: 559Completed: 278Analyzed: 278 | Sex: Female (278, 100%) Mean age: 31 (SD 4.7)Ethnicity: Not Hispanic or Latino N=278 Race: Chinese 47.2%, Other 52.8%Special population: Singaporean women during confinement | Screening tool(s): EPDSTiming: Prenatal, Discharge to 8 wkDiagnostic comparator: Clinical interview | Performance characteristicsScores on diagnostic instruments for depression | Test performance: High risk of biasPatient-centered outcomes: FairNote: Same population as Chee, 200812 |
| Clarke, 200814KQ 1 | Design: Cross-sectionalLocation: CanadaSetting: Hospital, short-term postpartum followupFunding: GovernmentProvider: NR | Assessed: NREligible: NREnrolled: 103Completed: 103Analyzed: 103 | Sex: Female (103, 100%) Mean age: 23.8 (SD 4.7)Ethnicity: Not Hispanic or Latino N=103Race/special population: Canada First Nations and Metis | Screening tool(s): EPDS, BDI-II, PDSSTiming: Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: Clinical interview | Performance characteristics | Test performance: High risk of bias |
| Crotty, 200415KQ 3 | Design: Prospective cohortLocation: EuropeSetting: Hospital, home, short-term postpartum followupFunding: Industry, philanthropyProvider: NR | Assessed: 975Eligible: 964Enrolled: 951Completed: 625Analyzed: 113 | Sex: Female (625, 100%)Age distribution:  N <20=48 N 20-29=260 N ≥30=317Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDSTiming: PerinatalDiagnostic comparator: SCAN | Performance characteristics | Test performance: High risk of bias |
| Csatordai, 200916KQ 1 | Design: Cross-sectionalLocation: EuropeSetting: Short-term postpartum followupFunding: NRProvider: Nurse-midwives | Assessed: 1921Eligible: 1741Enrolled: 1552Completed: 617Analyzed: 617 | Sex: Female (1552, 100%) Mean age: 27.8 (SD 4.5)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): BDI (1A), LQTiming: Discharge to 8 wk Diagnostic comparator: Structured clinical interview (DSM-IV) | Performance characteristics | Test performance: Low risk of bias |
| Edmondson, 201017KQ 1 | Design: Cross-sectionalLocation: UKSetting: Hospital, birthing center, short-term postpartum followupFunding: Non-government, non-industryProvider: NR | Assessed: 4107Eligible: 1562Enrolled: 1562Completed: 192Analyzed: 192 | Sex: Male (192, 100%) Mean age: 35 (SD 5.86)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDS Timing: Discharge to 8 wk Diagnostic comparator: SCID-DSM-IV | Performance characteristics | Test performance: High risk of bias |
| Ekeroma, 201218KQ 1 | Design: Prospective cohortLocation: NZSetting: Short-term postpartum followupFunding: GovernmentProvider: Mental health professionals | Assessed: NREligible: NREnrolled: 170Completed: 170Analyzed: 170 | Sex: Female (170, 100%) Mean age:  Tongan: 28.9 (SD 6.38) Samoan: 29.9 (SD 6.6)Ethnicity: NRRace: Pacific Islander - Tongan (N=85), Samoan (N=85)Special population: Tongan or Samoan | Screening tool(s): EPDS Timing: Discharge to 8 wk Diagnostic comparator: CIDI | Performance characteristics | Test performance: High risk of bias |
| Felice, 200619Felice, 200420KQ 1 | Design: Prospective cohortLocation: EuropeSetting: Prenatal care, home, short-term postpartum followupFunding: NRProvider: NR | Assessed: 240Eligible: 240Enrolled: 240Completed: 229Analyzed: 223 | Sex: Female (223, 100%) Mean age: 27.1 (SD 5.6)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDSTiming: Prenatal, Discharge to 8 wkDiagnostic comparator: CIS-R | Performance characteristics | Test performance: Low risk of bias |
| Flynn, 200621KQ 6 | Design: Pre-post-interventionLocation: U.S.Setting: Prenatal care, short-term postpartum followupFunding: NRProvider: Obstetricians, nurses | Assessed: 1298Eligible: NREnrolled: 73Completed: NRAnalyzed: 73 | Sex: Female (73, 100%) Mean age:  MDD+: 28.7 (SD 5.4) MDD-: 31.4 (SD 4.5)Ethnicity: Hispanic or Latino N=2, Not Hispanic or Latino N=71Race: Asian N=8, Black/ African American N=6, White N=55, Other N=2Special population: None | Screening tool(s): EPDSTiming: Prenatal Diagnostic comparator: SCID-DSM-IV (Mood Module) | Receipt of appropriate diagnostic/ treatment services for depression | Patient-centered outcomes: Poor |
| Garcia-Esteve, 200822KQ 2 | Design: Cross-sectionalLocation: EuropeSetting: Short-term postpartum followupFunding: GovernmentProvider: NR | Assessed: 1201Eligible: 412Enrolled: 334Completed: 334Analyzed: 334 | Sex: Female (334, 100%) Age distribution:  N ≤20=9 N 21–25=24 N 26–35=257 N >35=44Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDSTiming: Discharge to 8 wk Diagnostic comparator: SCID-DSM-IV | Performance characteristicsScores on diagnostic instruments for depression | Test performance: High risk of bias Patient-centered outcomes: Good |
| Gjerdingen, 201123KQ 1(*See* Note at right) | Design: Prospective cohortLocation: U.S.Setting: Well-child visitFunding: GovernmentProvider: Participant | Assessed: NREligible: 1556Enrolled: 506Completed: 472Analyzed: 506 (*see* Note at right) | Sex: Female (506, 100%) Mean age: 29.1 (SD 6.2)Ethnicity: NRRace: Asian N=34, Black/ African American N=89, White N=339, Multiracial N=17, Other N=27Special population: None | Screening tool(s): PHQ-9Timing: Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: SCID | Performance characteristics | Test performance: Low risk of biasNotes:Same population as Gjerdingen, 200924N analyzed (506) includes all subjects who were enrolled and completed baseline interview, not just those who completed study (472) |
| Gjerdingen, 200924KQ 1(*See* Note at right) | Design: Prospective cohortLocation: U.S.Setting: Well-child visitFunding: GovernmentProvider: NR | Assessed: 1988Eligible: 1556Enrolled: 506Completed: 469Analyzed: 469 | Sex: Female (506, 100%) Mean age: 29.1 (SD 6.2)Ethnicity: NRRace: American Indian or Alaska Native N=7, Asian N=34, Black/ African American N=89, White N=339, Multiracial N=17, Other N=6, Not reported N=14 Special population: None | Screening tool(s): PHQ-9, PHQ-2, 2-question screenTiming: Discharge to 8 wk, >8 wk to 12 mo Diagnostic comparator: SCID | Performance characteristics | Test performance: Low risk of biasNotes:Same population as Gjerdingen, 201123 |
| Glavin, 201025KQ 4 | Design: Prospective cohort (quasi-experimental)Location: EuropeSetting: Home Funding: UniversityProvider: NR | Assessed: 3111Eligible: 2508Enrolled: 2247Completed: 754Analyzed: 754 | Sex: Female (754, 100%) Mean age: 32.5 (SD 4.4)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDSTiming: Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: None | Maternal well-being/ parenting scores (Parenting Stress Index)Scores on diagnostic instruments for depression (EPDS ≥10 at 1 year by group) | Patient-centered outcomes: Poor |
| Goodman, 201026KQ 6 | Design: Prospective cohortLocation: U.S.Setting: Prenatal care, home Funding: Non-government, non-industryProvider: Participant | Assessed: 659Eligible: NREnrolled: 525Completed: 491Analyzed: 299 | Sex: Female (299, 100%) Mean age: 31.6 (SD 5.35)Race/Ethnicity: Hispanic or Latino N=65, White N=193, Other N=81, Not reported N=2Special population: None | Screening tool(s): EPDSTiming: Prenatal, Discharge to 8 wkDiagnostic comparator: Documentation in medical records of diagnosis, referrals, treatment | Receipt of appropriate diagnostic/ treatment services for depression | Patient-centered outcomes: Fair |
| Hamdan, 201127KQ 1  | Design: Cross-sectionalLocation: AsiaSetting: Prenatal care, short-term postpartum followupFunding: Non-government, non-industryProvider: NR | Assessed: 180Eligible: 150Enrolled: 150Completed: 137Analyzed: 137 | Sex: Female (137, 100%) Age distribution: N 18-29=73.7% N ≥30=26.3%Ethnicity: NRRace: Asian (100%)Special population: Asian | Screening tool(s): EPDSTiming: Prenatal, Discharge to 8 wkDiagnostic comparator: MINI-Major depression module | Performance characteristicsBreastfeeding | Test performance: Low risk of bias Patient-centered outcomes: Good |
| Howard, 201128RESPONDKQ 1 | Design: Prospective cohortLocation: UKSetting: Home Funding: GovernmentProvider: NR | Assessed: 4328Eligible: 4137Enrolled: 989Completed: 628Analyzed: 331 | Sex: Female (331, 100%) Mean age: 28.7 (SD 6.4)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDSTiming: Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: CIS-R | Performance characteristics | Test performance: Low risk of bias Patient-centered outcomes: Good |
| Jardri, 200629KQ 1, KQ 2 | Design: Prospective cohortLocation: EuropeSetting: HospitalFunding: NRProvider: NR | Assessed: 992Eligible: 815Enrolled: 427Completed: 363Analyzed: 363 | Sex: Female (363, 100%) Mean age: 28.8 (SD 5.6)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDSTiming: Perinatal Diagnostic comparator: MINI for DSM-IV | Performance characteristics | Test performance: High risk of bias |
| Ji, 201130KQ 1, KQ 2, KQ 3 | Design: Prospective cohortLocation: U.S.Setting: NRFunding: GovernmentProvider: NR | Assessed: NREligible: 708Enrolled: 708Completed: 534Analyzed: 534 | Sex: Female (534, 100%) Mean age: 33.1 (SD 5.1)Ethnicity: Hispanic or Latino N=16, Not Hispanic or Latino N=518Race: American Indian or Alaska Native N=12, Asian N=12, Black/ African American N=51, White N=458, Multiracial N=1Special population: None | Screening tool(s): EPDS, BDI, HRSD-17, HSRD-21Timing: Prenatal, Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: SCID (Mood Module) | Performance characteristics | Test performance: High risk of bias |
| Kersting, 200731KQ 2 | Design: Prospective cohortLocation: EuropeSetting: Dept. of Gynecology and Obstetrics, University of MuensterFunding: NRProvider: Multidisciplinary team | Assessed: NREligible: NREnrolled: 127Completed: 89Analyzed: 127 | Sex: Female (127, 100%)Mean age: 33.2 (SD 4.9)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): BDI-IITiming: Discharge to 8 wk,>8 wk to 12 mo Diagnostic comparator: SCID | Performance characteristicsScores on diagnostic instruments for depression  | Test performance: High risk of bias |
| Leung, 201132KQ 4, KQ 5 | Design: RCTLocation: AsiaSetting: Well-child visit, Maternal and Child Health CentersFunding: NRProvider: Nurse-midwives  | Assessed: 1249Eligible: 552Enrolled: 462Completed: 430Analyzed: 333 | Sex: Female (462, 100%) Mean age: NREthnicity: Not Hispanic or Latino (100%)Race: Asian (100%)Special population: Chinese | Screening tool(s): EPDSTiming: Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: None | Maternal well-being/ parenting scores (GHQ-12)Maternal well-being/ parenting scores (Parenting Stress Inventory Total, Parenting Stress Inventory-Parental Distress, Parenting Stress Inventory-Parent Child Dysfunctional Interaction, GHQ-12)Infant health system resource utilization (Number of doctor visits, number of hospitalizations) | Patient-centered outcomes: Fair |
| Mann, 201233Born in Bradford StudyKQ 1 | Design: Prospective cohortLocation: UK Setting: Prenatal care, short-term postpartum followup, home (telephone)Funding: Non-government, non-industryProvider: Behavioral heatlh specialists | Assessed: 268Eligible: 261Enrolled: 155Completed: Phase 1=126, Phase 2=94Analyzed: Phase 1=126, Phase 2=94 | Sex: Female (152, 100%) Mean age: 27.4 (SD 5.8)Ethnicity: Not Hispanic or Latino (100%)Race (of 152 eligible): Asian N=48, Black/ African American N=6, White N=86, Multiracial N=7, Other N=5Special population: None | Screening tool(s): Case-finding questionsTiming: Prenatal, Discharge to 8 wkDiagnostic comparator: DSM-IV-TR criteria | Performance characteristics | Test performance: Low risk of bias |
| Mauri, 201034Perinatal Research and Screening Unit StudyKQ 2(*See* Note at right) | Design: Prospective cohortLocation: Europe Setting: HospitalFunding: Government; non-profit, and industryProvider: Mental health professionals | Assessed: 2138Eligible: 2138Enrolled: 1066Completed: 500Analyzed: 500 | Sex: Female (1066, 100%) Mean age: 32.27 (SD 3.95)Ethnicity: Not Hispanic or Latino (100%)Race: NRSpecial population: Italian | Screening tool(s): EPDSTiming: Perinatal, Prenatal, Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: SCID | Performance characteristicsReceipt of appropriate diagnostic/ treatment services for depression | Test performance: High risk of biasPatient-centered outcomes: FairNote: Same population as Mauri, 201235 |
| Mauri, 201235Perinatal Research and Screening Unit StudyKQ 1(*See* Note at right) | Design: Prospective cohortLocation: Europe Setting: HospitalFunding: Government; non-profit, and industryProvider: Mental health professionals | Assessed: 2138Eligible: 2138Enrolled: 1066Completed: 500Analyzed: 500 | Sex: Female (1066, 100%) Mean age: 32.3 (SD 3.9)Ethnicity: Not Hispanic or Latino (100%)Race: NRSpecial population: Italian | Screening tool(s): EPDS, MOODS-SRTiming: Prenatal, Perinatal, Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: SCID | Performance characteristics | Test performance: High risk of biasPatient-centered outcomes: FairNote: Same population as Mauri, 201034 |
| Morrell, 200936KQ 4 | Design: RCTLocation: UKSetting: Well-child visitFunding: GovernmentProvider: Health visitor | Assessed: NREligible: 7649Enrolled: 4084Completed: 418Analyzed: 418 | Sex: Female (418, 100%)Mean age: 30.9 (SD 5.4)Ethnicity: NRRace: White N=390Special population: None | Screening tool(s): EPDSTiming: Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: None | Scores on diagnostic instruments for depressionHRQOL (SF-12 PCS)Parental Depression (PSI-SF)Maternal well-being/ parenting scores (SF-12 MCS) | Patient-centered outcomes: Good |
| Navarro, 200737KQ 1 | Design: Cross-sectionalLocation: EuropeSetting: Hospital, Obstetrics and Gynaecology Unit of teaching hospitalFunding: NRProvider: Mental health professionals | Assessed: NREligible: NREnrolled: 1453Completed: 405Analyzed: 405 | Sex: Female (1453, 100%)Age distribution: N ≤18=18 N 19-34=1044 N ≥35=391Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDS, GHQ-12Timing: Discharge to 8 wkDiagnostic comparator: SCID  | Performance characteristics | Test performance: High risk of bias |
| Pereira, 201038KQ 1 | Design: Prospective cohortLocation: EuropeSetting: Prenatal care, home Funding: GovernmentProvider: Mental health professionals | Assessed: NREligible: NREnrolled: 486Completed: 452Analyzed: 452 | Sex: Female (452, 100%)Mean age: 30.47 (SD 4.304)Ethnicity: NRRace: NRSpecial population: Normal perinatal outcome | Screening tool(s): BDI-II, PDSS Timing: >8 wk to 12 moDiagnostic comparator: DIGS and OPCRIT | Performance characteristics | Test performance: Low risk of bias |
| Rowan, 201239KQ 6 | Design: Prospective cohortLocation: U.S.Setting: Prenatal care, hospitalFunding: Non-government, non-industryProvider: Obstetricians | Assessed: NREligible: NREnrolled: 2199Completed: 569Analyzed: 569 | Sex: Female (100%)Mean age: NREthnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDSTiming: Discharge to 8 wkDiagnostic comparator: None | Receipt of appropriate diagnostic/ treatment services for depression | Patient-centered outcomes: Poor |
| Siu, 201240KQ 2 | Design: Prospective cohortLocation: AsiaSetting: Prenatal care Funding: NRProvider: Mental health professionals | Assessed: 1002Eligible: NREnrolled: 838Completed: 805Analyzed: 805 | Sex: Female (805, 100%)Mean age: 30.1 (SD 4.9)Ethnicity: NRRace: NRSpecial population: Chinese | Screening tool(s): EPDSTiming: Prenatal, Discharge to 8 wkDiagnostic comparator: SCID | Performance characteristics | Test performance: Low risk of biasPatient-centered outcomes: Good   |
| Turner, 200941KQ 2 | Design: Case-controlLocation: EuropeSetting: Prenatal care, hospital, short-term postpartum followupFunding: GovernmentProvider: NR | Assessed: NREligible: NREnrolled: 110Completed: 110Analyzed: 110 | Sex: Female (110, 100%)Mean age: 32.4 (SD 4.4)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDSTiming: Discharge to 8 wkDiagnostic comparator: Clinical interview | Performance characteristicsScores on diagnostic instruments for depression | Test performance: High risk of bias Patient-centered outcomes: Fair |
| Verkerk, 200542KQ 2 | Design: Prospective cohortLocation: EuropeSetting: Prenatal care, home Funding: NRProvider: Obstetricians | Assessed: 1618Eligible: 1031Enrolled: 339Completed: 277Analyzed: 277 | Sex: Female (277, 100%)Mean age: 30.8 (SD 4.1)Ethnicity: NRRace: NRSpecial population: None | Screening tool(s): EPDSTiming: Prenatal, >8 wk to 12 mo Diagnostic comparator: Clinical interview | Scores on diagnostic instruments for depression | Test performance: Unclear risk of biasPatient-centered outcomes: Good |
| Yawn, 201243TRIPPD (Translating Research into Practice for Postpartum Depression)KQ 4, KQ 6 | Design: RCTLocation: U.S.Setting: Family medicine research network practicesFunding: GovernmentProvider: Family practitioners, nurses | Assessed: NREligible: 2398Enrolled: 2343Completed: 1689Analyzed: 397 | Sex: Female (2343, 100%)Mean age: Intervention group: 26.1 (5.4) Usual care group: 26.7 (5.6) Ethnicity: Intervention group: Hispanic or Latino 18% Usual care group: Hispanic or Latino 14%Race: Black/ African American 18%Special population: None | Screening tool(s): EPDS, PHQ-9Timing: Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: MD clinical impression plus positive PHQ-9 | Receipt of appropriate diagnostic/ treatment services for depression | Patient-centered outcomes: Fair |
| Yonkers, 200944Healthy StartKQ 6 | Design: Quasi-experimental (pre-post with two cohorts for comparators)Location: U.S.Setting: Hospital, Healthy Start ProgramsFunding: GovernmentProvider: Social workers | Assessed: NREligible: NREnrolled: 1336Completed: NRAnalyzed: 1336 | Sex: Female (1336, 100%)Mean age: 24.7 (SD 5.8)Ethnicity: Hispanic or Latino N=665, Not Hispanic or Latino N=671Race: Black/ African American N=454, White N=176, Other N=40Special population: None | Screening tool(s): PRIME-MD PHQTiming: Prenatal, Discharge to 8 wk, >8 wk to 12 moDiagnostic comparator: None | Receipt of appropriate diagnostic/ treatment services for depression (detection rate, treatment rate)Scores on diagnostic instruments for depression (referral rate) | Patient-centered outcomes: Poor |
| Zlotnick, 200645KQ 4 | Design: RCTLocation: U.S.Setting: Prenatal care, short-term postpartum followupFunding: GovernmentProvider: NR | Assessed: 512Eligible: 201Enrolled: 99Completed: 86Analyzed: 86 | Sex: Female (99, 100%)Mean age: 22.4 (SD 4.72)Ethnicity: Hispanic or Latino N=44, Not Hispanic or Latino N=55Race: Asian N=2, Black/ African American N=17, White N=28, Other N=8Special population: None | Screening tool(s): 17-item postpartum depression risk surveyTiming: PrenatalDiagnostic comparator: Longitudinal Interval Follow-Up Evaluation (depression module) | Scores on diagnostic instruments for depressionMaternal well-being/ parenting scores (Range of Impaired Functioning) | Patient-centered outcomes: Poor |

Abbreviations: ANRQ=Antenatal Risk Questionnaire; BDI=Beck Depression Inventory; BDI-II=Beck Depression Inventory-II; CIDI=Composite International Diagnostic Interview; CIDI-SF=Composite International Diagnostic Interview-Short Form; CIS-R=Clinical Interview Schedule, Revised; DIGS=Diagnostic Interview for Genetic Studies; DSM-III-R=*Diagnostic and Statistical Manual of Mental Disorders, 3rd Edition, Revised*; DSM-IV=*Diagnostic and Statistical Manual of Mental Disorders, 4th Edition*; DSM-IV-TR=*Diagnostic and Statistical Manual of Mental Disorders, 4th Edition, Text Revision*; EPDS=Edinburgh Postnatal Depression Scale; GHQ-12=12-Item General Health Questionnaire; HRSD=Hamilton Rating Scale for Depression; HRQOL=helath-related quality of life; KQ=Key Question; LQ=Leverton Questionnaire; MINI=Mini International Neuropsychiatric Inventory; mo=month(s); MOODS-SR=Mood Spectrum Self-Report; N=number of participants; NR=not reported; NZ=New Zealand; OPCRIT=operational criteria checklist for psychotic illness; PDSS=Postpartum Depression Screening Scale; PHQ-2=2-Item Patient Health Questionnaire; PHQ-9=9-Item Patient Health Questionnaire; =PRIME-MD CEQ=Primary Care Evaluation of Mental Disorders Clinical Evaluation Guide; PRIME-MD PHQ=Primary Care Evaluation of Mental Disorders Patient Health Questionnaire; PRIME-MD PQ=Primary Care Evaluation of Mental Disorders Patient Questionnaire; RCT=randomized controlled trial; SCAN=Schedules for Clinical Assessment in Neuropsychiatry; =SCID=Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders; SD=standard deviation; SDI=Social Disadvantage Screening Index; SF-12 MCS=Short Form 12-Mental Component Summary;SF-12 PCS=Short Form 12-Physical Component Summary; UK=United Kingdom; U.S.=United States; wk=week(s); yr=year(s)

**References to Appendix E**

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