## Supplementary table 1: Maternal demographics at postnatal enrolment

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Totals** | **Hypertensive****in pregnancy** | **Normotensive in pregnancy** |
| **Number of women** | **1757** | **769 (43.8)** | **988 (56.2)** |
| **Self-reported highest educational qualification** NoneO levels/GCSEsAS/A levels/Highers/Advanced highersDegree / Higher DegreeOtherMissing | 52 (3.0)292 (16.6)293 (16.7)1082 (61.6)36 (2.1)2 (2.1) | 25 (3.3)139 (18.1)134 (17.4)453 (58.9)17 (2.1)1 (0.1) | 27 (2.7)153 (15.5)159 (16.1)629 (63.7)19 (1.9)1 (0.1) |
| **Self-reported employment status**Employed full-time (including maternity leave)Employed part-time (including maternity leave) Self-employedStudent Homemaker Long-term disabled or sick Unemployed Retired OtherMissing | 1065 (60.6)256 (14.6)56 (3.2)30 (1.7)184 (10.5)14 (0.8)140 (8.0)0 (0.0)10 (0.6)2 (0.11) | 469 (61.0)100 (13.0)27 (3.5)12 (1.6)73 (9.5)8 (1.0)72 (9.4)0 (0.0)7 (0.9)1 (0.1) | 596 (60.3)156 (15.8)29 (2.9)18 (1.8)111 (11.2)6 (0.6)68 (6.9)0 (0.0)3 (0.3)1 (0.1) |
| **Self-reported partnership status** SingleMarried / Civil PartnershipDivorced / Separated Partner deceased OtherIn a partnershipOther not categorised Missing | 311 (17.7)1247 (71.0)13 (0.7)2 (0.1)182 (10.4)17842 (0.1) | 154 (20.0)532 (69.2)5 (0.7)0 (0.0)77 (10.0)7522 (0.1) | 157 (15.9)715 (72.4)8 (0.8)2 (0.2)105 (10.6)10321 (0.1) |
| **Self-reported risk factors for hypertension** *(non-exclusive)*Any risk factor First pregnancyGap 10 yearsMultifetal pregnancyRenal diseaseDiabetesAutoimmune diseaseOther chronic conditionPersonal previous high BP (outside of pregnancy) Personal previous high BP (in previous pregnancy)Family history of hypertension in pregnancyFamily history of hypertension | 1395 (79.4)930 (52.9)72 (4.1)45 (2.6)19 (1.1)194 (11.0)35 (2.0)56 (3.2)96 (5.5)140 (8.0)232 (13.2)453 (25.8) | 684 (89.0)447 (58.1)40 (5.2)29 (3.8)13 (0.6)95 (12.4)18 (2.3)25 (3.3)85 (11.1)112 (14.6)141 (18.3)248 (32.3) | 711 (72.0)483 (48.9)32 (3.2)16 (1.6)6 (1.7)99 (10.0)17 (1.7)31 (3.1)11 (1.11)28 (2.8)91 (9.2)205 (20.8) |
| **Self-reported mental health condition** *(non-exclusive)*Any conditionAnxiety and/or depressionOther mental health conditions | 307 (17.5)296 (16.9)43 (2.5) | 149 (19.4)142 (18.5)26 (3.4) | 158 (16.0)154 (15.6)17 (1.7) |
| **Whooley at initial antenatal visit****Q1 During the past month, have you often been bothered by feeling down, depressed or hopeless?**YesNoMissing **Q2 During the past month, have you often been bothered by little interest or pleasure in doing thing?**YesNoMissing **Positive to either Whooley Q1 or Q2** YesNoMissing  | 105 (6.0)1518 (86.4)134 (7.5)75 (4.3)1547 (88.1)135 (7.7)124 (7.1)1499 (85.3)134 (7.6) | 57 (7.4)656 (85.3)56 (7.3)38 (4.9)675 (87.8)56 (7.3)64 (8.3)649 (84.4)56 (7.3) | 48 (4.9)862 (87.3)78 (7.9)37 (4.74)872 (88.3)79 (8.0)60 (6.1)850 (86.0)78 (7.9) |
| **Body mass index at initial antenatal visit, kg/m2**Mean (SD)Median (IQR)<18.5 18-5-24.925-29.930-34.935+Missing | 27.2 (6.4)26 (22.5-30.7)34 (1.9)704 (40.1)513 (29.2)272 (15.5)224 (12.8)10 (0.6) | 28.5 (7.0)27 (23.4-32.5)14 (1.8)253 (32.9)217 (28.2)148 (19.3)134 (17.4)3 (0.4) | 26.2 (5.7)25 (22-29)20 (2.0)451 (45.7)296 (30.0)124 (12.6)90 (9.1)7 (0.70 |
| **Smoking status at initial antenatal visit**Yes (smoker)No (gave up in the last 6 weeks) No (gave up over 6 weeks ago) No (never smoked)Not recordedMissing | 97 (5.5)49 (2.8)236 (13.4)1359 (77.4)15 (0.9)1 (0.1) | 46 (6.0)22 (2.9)93 (12.1)602 (78.3)5 (0.7)1 (0.1) | 51 (5.2)27 (2.7)143 (14.5)757 (76.5)10 (1.0)0 (0.0) |
| **Parity**First babySecond babyThird or more babyMissing | 1076 (61.3)451 (25.7)230 (13.1)0 (0.0) | 501 (65.2)176 (22.9)92 (12.0)0 (0.0) | 575 (58.2)275 (27.8)138 (14.0)0 (0.0) |
| **Number of live babies**SingletonSet of twins Missing | 1712 (97.4)45 (2.6)0 (0.0) | 739 (96.1)30 (3.9)0 (0.0) | 973 (98.5)15 (1.5)0 (0.0) |

## Supplementary table 2: Labour, birth and postnatal at postnatal enrolment

|  |  |  |  |
| --- | --- | --- | --- |
| **Number of women** | **Totals** | **Hypertensive in pregnancy** | **Normotensive in pregnancy** |
| **Maternal outcomes: number of women** | **1757** | **769 (43.8)** | **988 (56.2)** |
| **Labour analgesia** *(non-exclusive)*NoneOral drugsGas & AirIntramuscular drugs AlternativeRegional anaesthetic General anaestheticMissing | 111 (6.3)276 (15.7)692 (60.6)191 (10.9)121 (6.9)1228 (69.9)45 (2.6)1 (0.1) | 39 (5.1)147 (19.1)295 (38.4)79 (10.3)34 (4.4)572 (74.4)28 (3.6)1 (0.1) | 72 (7.3)129 (13.1)397 (40.2)112 (11.3)87 (8.8)656 (66.4)17 (1.7)0 (0.0) |
| **Perineal tear**Graze/Laceration1st degree tear2nd degree tearEpisiotomy3rd degree tear/ 4th degree tear | 72 (4.1)79 (4.5)350 (19.9)282 (16.1)36 (2.1) | 31 (4.0)38 (4.9)126 (16.4)114 (14.8)10 (1.3) | 41 (4.2)41 (4.2)224 (22.7)168 (17.0)26 (2.6) |
|  |  |  |  |
| **Perinatal outcomes: number of infants** | **1803** | **799 (44.3)** | **1004 (55.7)** |
| **Baby order**Baby 1Baby 2Baby 3 | 1757 (97.5)45 (2.5)1 (0.1) | 769 (96.3)30 (3.8)0 (0.0) | 988 (98.4)15 (1.5)1 (0.1) |
| **Birth outcome**LivebirthStillbirth | 1802 (99.9)1(0.1) | 799 (100.0)0 (0.0) | 1003 (99.9)1(0.1) |

\*Adjusted for clustering by twins

## Supplementary table 3: Study specific postnatal enrolment baseline characteristics

|  |  |  |  |
| --- | --- | --- | --- |
| **Number of women** | **Totals****1757** | **Women with hypertension****769 (43.8)** | **Women without hypertension****988 (56.2)** |
| **Number of women** | **1757** | **769 (43.8)** | **988 (56.2)** |
| **EQ-5D VAS score (0-100)**Mean (SD)Median (IQR) | 71.8 (18.8)75 (60-85) | 69.2 (19.9)70 (60-80) | 73.9 (17.6)76 (65-88) |
| **EQ-5D index score (0.000-1)**Mean (SD)Median (IQR)MobilityNo problemsSlightModerateSevereUnable/ExtremeSelf-careNo problemsSlightModerateSevereUnable/ExtremeUsual activitiesNo problemsSlightModerateSevereUnable/ExtremePain / DiscomfortNo pain/discomfortSlightModerateSevereExtreme painAnxiety/DepressionNot anxious/depressedSlightModerateSevereExtremely anxious/depressed | 0.778 (0.188)0.809 (0.697-0.922)826 (47.0)576 (32.8)273 (15.5)54 (3.1)28 (1.6)1008 (57.4)493 (28.1)193 (11.0)37 (2.1)26 (1.5)599 (34.1)564 (32.1)348 (19.8)97 (5.5)149 (8.5)218 (12.4)851 (48.4)567 (32.3)110 (6.3)11 (0.6)1339 (76.2)332 (18.9)70 (4.0)13 (0.7)3 (0.2) | 0.774 (0.191)0.809 (0.697-0.922)365 (47.5)247 (32.1)125 (16.3)27 (3.5)5 (0.7)443 (57.6)208 (27.1)93 (12.1)16 (2.1)9 (1.2)272 (35.4)240 (31.2)151 (19.6)46 (6.0)60 (7.8)105 (13.7)340 (44.2)259 (33.7)63 (8.2)2 (0.3)553 (71.9)168 (21.9)41 (5.3)4 (0.5)3 (0.4) | 0.780 (0.185)0.812 (0.703-0.916)461 (46.7)329 (33.3)148 (15.0)27 (2.7)23 (2.3)565 (57.2)285 (28.9)100 (10.1)21 (2.1)17 (1.7)327 (33.1)324 (32.8)197 (19.9)51 (5.2)89 (9.0)113 (11.4)551 (51.7)308 (31.2)47 (4.8)9 (0.9)786 (79.6)164 (16.6)29 (2.9)9 (0.9)0 (0.0) |
| **EPDS total score**Mean (SD)Median (IQR) | 6.7 (4.9)6 (3-10) | 7.4 (5.1)7 (3-11) | 6.1 (4.7)5 (2-9) |
| **EPDS score ≥13** | 222 (12.6) | 126 (16.4) | 96 (9.7) |
| **Whooley at postnatal enrolment****Q1 During the past month, have you often been bothered by feeling down, depressed or hopeless?**YesNo**Q2 During the past month, have you often been bothered by little interest or pleasure in doing thing?** YesNo**Positive to either Whooley Q1 or Q2** YesNo | 302 (17.2)1455 (82.8)282 (16.1)1475 (84.0)396 (22.5)1361 (77.5) | 163 (21.2)606 (78.8)147 (19.1)622 (80.9)211 (27.4)558 (72.6) | 139 (14.1)849 (85.9)135 (13.7)853 (86.3)185 (18.7)803 (81.3) |

## Supplementary table 4: Primary and main secondary outcomes at 3 months postnatal

|  |  |  |  |
| --- | --- | --- | --- |
| **Number of women** | **Totals** | **Hypertensive in pregnancy** | **Normotensive in pregnancy** |
| **Number of women** | **653** | **290 (44.4)** | **363 (55.6)** |
| **EQ-5D VAS score (0-100)**Mean (SD)Median (IQR) | 82.8 (13.3)85 (79-90) | 82.2 (13.5)85 (75-90) | 83.2 (13.1)85 (80-90) |
| **EQ-5D index score (0.000-1)**Mean (SD)Median (IQR)MobilityNo problemsSlightModerateSevereUnable/ExtremeSelf-careNo problemsSlightModerateSevereUnable/ExtremeUsual activitiesNo problemsSlightModerateSevereUnable/ExtremePain / DiscomfortNo problemsSlightModerateSevereUnable/ExtremeAnxiety/DepressionNo problemsSlightModerateSevereUnable/Extreme | 0.935 (0.088)0.942 (0.896-1)598 (91.6)51 (7.8)3 (0.5)1 (0.2)0 (0.0)638 (97.7)13 (2.0)2 (0.3)0 (0.0)0 (0.0)554 (84.8)82 (12.6)13 (2.0)3 (0.5)1 (0.2)451 (69.1)180 (27.6)20 (3.1)2 (0.3)0 (0.0)451 (69.1)147 (22.5)46 (7.0)7 (1.1)2 (0.31) | 0.926 (0.093)0.937 (0.887-1)257 (88.6)31 (10.7)2 (0.7)0 (0.0)0 (0.0)284 (97.9)4 (1.4)2 (0.7)0 (0.0)0 (0.0)240 (82.8)44 (15.2)3 (1.0)3 (1.0)0 (0.0)185 (63.8)95 (32.8)9 (3.1)1 (0.3)0 (0.0)194 (66.9)68 (23.5)23 (7.9)3 (1.0)2 (0.7) | 0.943 (0.084)1 (0.922-1)341 (93.9)20 (5.5)1 (0.3)1 (0.3)0 (0.0)354 (97.5)9 (2.5)0 (0.0)0 (0.0)0 (0.0)314 (86.5)38 (10.5)10 (2.8)0 (0.0)1 (0.3)266 (73.3)85 (23.4)11 (3.0)1 (2.3)0 (0.0)257 (70.8)79 (21.8)23 (6.3)4 (1.1)0 (0.0) |
| **EPDS total score**Mean (SD)Median (IQR) | 6.2 (4.6)5 (3-9) | 6.3 (4.8)5.5 (3-9) | 6.1 (4.5)5 (3-9) |
| **EPDS score ≥13** | 64 (9.8) | 34 (11.7) | 30 (8.3) |
| **Whooley at 3 months postnatal****Q1 During the past month, have you often been bothered by feeling down, depressed or hopeless?**YesNo**Q2 During the past month, have you often been bothered by little interest or pleasure in doing thing?**YesNo**Positive to either Whooley Q1 or Q2**YesNo | 161 (24.7)492 (75.3)109 (16.7)544 (83.2)183 (28.0)470 (72.0) | 73 (25.2)217 (74.8)48 (16.6)242 (83.5)81 (27.9)209 (72.1) | 88 (24.2)275 (75.8)61 (16.8)302 (83.2)102 (28.1)261 (71.9) |
| **Morbidity**Women with any morbidityWomen with any morbidity who consulted a health care professionalExtreme tiredness/exhaustionSevere headaches/migrainesBack painPerineal wound infectionCaesarean wound infectionBreastfeeding problemsLeakage of urineLeakage of stoolOther problems**Frequency of these morbidities this week**Extreme tiredness/exhaustionNeverRarelyOccasionallyOftenSevere headaches/migrainesNeverRarelyOccasionallyOftenBack painNeverRarelyOccasionallyOftenPerineal wound infectionNeverRarelyOccasionallyOftenCaesarean wound infectionNeverRarelyOccasionallyOftenBreastfeeding problemsNeverRarelyOccasionallyOftenLeakage of urineNeverRarelyOccasionallyOftenLeakage of stoolNeverRarelyOccasionallyOftenOther problemsNeverRarelyOccasionallyOften | 582 (89.1)378 (57.9)252(38.6)100 (15.3)357 (54.7)36 (5.5)61 (9.3)298 (45.6)189 (29.0)26 (4.0)161 (24.7)**N=252**38 (15.1)55 (21.8)113 (44.8)46 (18.3)**N=100**32 (32.0)18 (18.0)71 (37.0)13 (13.0)**N=357**26 (7.3)72 (20.2)174 (48.7)85 (23.8)**N=36**27 (75.0)2 (5.6)6 (16.7)1 (2.8)**N=59**38 (64.4)6 (10.2)10 (17.0)5 (8.5)**N=259**133 (51.4)55 (21.3)45 (17.4)26 (10.0)**N=189**51 (27.0)68 (36.0)48 (25.4)22 (11.6)**N=26**17 (65.4)5 (19.2)2 (7.7)2 (7.8)**N=161**60 (37.3)23 (14.3)36 (22.4)42 (26.1) | 260 (89.7)171 (59.0)120 (41.4)55 (19.0)168 (57.9)18 (6.2)33 (11.4)120 (41.4)83 (28.6)10 (3.5)73 (25.2)**N=120**13 (10.8)24 (20.0)57 (47.5)26 (21.7)**N=55**15 (27.3)10 (18.2)22 (40.0)8 (14.6)**N=168**12 (7.1)26 (15.5)84 (50.0)46 (27.4)**N=18**13 (72.2)2 (11.1)2 (11.1)1 (5.6)**N=32**21 (65.6)2 (6.3)6 (18.8)3 (9.4)**N=105**54 (51.4)23 (21.9)15 (14.3)13 (12.4)**N=83**21 (25.3)29 (34.9)21 (25.3)12 (14.5)**N=10**5 (50.0)3 (30.0)0 (0.0)2 (20.0)**N=73**26 (35.6)12 (16.4)17 (23.3)18 (24.7) | 322 (88.7)207 (57.0)132 (36.4)45 (12.4)189 (52.1)18 (5.0)28 (7.7)178 (49.0)106 (29.2)16 (4.4)88 (24.2)**N=132**25 (18.9)31 (23.5)56 (42.4)20 (15.2)**N=45**17 (37.8)9 (17.8)15 (33.3)5 (11.1)**N=189**14 (7.4)46 (24.3)90 (47.6)39 (20.6)**N=18**14 (77.8)0 (0.0)4 (22.2)0 (0.0)**N=27**17 (63.0)4 (14.8)4 (14.8)2 (7.4)**N=154**79 (51.3)32 (20.8)30 (19.5)13 (8.4)**N=106**30 (28.3)39 (36.8)27 (25.5)10 (9.4)**N=16**12 (75.0)2 (12.5)2 (12.5)0 (0.0)**N=88**34 (28.6)11 (12.5)19 (21.6)24 (27.3) |
| **Ever breastfeed baby**YesNoMissing | 586 (89.7)67 (10.3)0 (0.0) | 261 (90.0)29 (10.0)0 (0.0) | 325 (89.5)38 (10.5)0 (0.0) |
| **First feed (of those who ever breastfed)**Breastmilk (from breast)Breastmilk (expressed)Infant formula onlyOther | 438 (74.7)102 (17.4)33 (5.6)13 (2.2) | 179 (68.6)52 (19.9)20 (7.7)10 (3.8) | 259 (79.7)50 (15.4)13 (4.0)3 (0.9) |
| **Current feeding (of those who ever breastfed)**Breastmilk (from breast or expressed)Infant formula onlyBreastmilk and infant formulaOther | 305 (52.1)155 (26.5)126 (21.5)0 (0.0) | 129 (49.4)69 (26.4)63 (24.1)0 (0.0) | 176 (54.2)86 (26.5)63 (19.4)0 (0.0) |

## Supplementary table 5: Postnatal care at 3 months postnatal and opinions on future pregnancies (self-reported)

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Totals** | **Hypertensive in pregnancy** | **Normotensive in pregnancy** |
| **Number of women** | **653** | **290 (44.4)** | **363 (55.6)** |
| **BP measured in hospital**YesNoMissing | 619 (94.8)21 (3.2)13 (2.0) | 274 (94.5)8 (2.8)8 (2.8) | 345 (95.0)13 (3.6)5 (1.4) |
| **BP medication taken between birth and 6 weeks postnatal**YesNoMissingBP meds reviewed before left hospitalBP meds review since left hospital | 208 (31.9)432 (66.2)13 (2.0)**N=208**165 (79.3)163 (78.4) | 194 (66.9)88 (30.3)8 (2.8)**N=194**155 (79.9)154 (79.4) | 14 (3.9)344 (94.8)5 (1.4)**N=14**10 (71.4)9 (64.3) |
| **Postnatal information provision on:**Physical healthMental healthBreastfeedingSafety of BP medications when breastfeedingSign and symptoms of high BPContact information in case of problems with your health, or your baby’s health, when at homeLong term consequences of high BP in pregnancySelf-management or lifestyle changes to help manage BP | 536 (82.1)532 (81.5)587 (89.9)277 (42.4)620 (95.0) | 232 (80.0)233 (80.3)255 (87.9)100 (49.3)173 (59.7)276 (95.2)120 (47.2)92 (36.7) | 304 (83.8)299 (82.4)332 (91.5)104 (28.7)344 (94.8)N/AN/A |
| **Postnatal visits at home**One or more postnatal visitsMean number of visits (SD)Median number of visits (IQR)BP measured at every visitBP measured at some visitsBP never measured | 505 (77.3)3.4 (2.2)2 (2-3)**N=505**172 (34.1)137 (27.1)196 (38.8) | 236 (81.4)3.7 (2.5)3 (2-2)**N=236**115 (48.7)65 (27.5)56 (23.7) | 269 (74.1)3.2 (1.9)3 (2-4)**N=269**57 (21.2)72 (26.8)140 (52.0) |
| **Postnatal visits at hospital/clinic**One or more postnatal visitsMean number of visits (SD)Median number of visits (IQR)BP measured at every visitBP measured at some visitsBP never measured | 215 (32.9)2.3 (2.8)2 (1-3)**N=215**110 (51.2)28 (13.0)77 (35.8) | 104 (35.9)2.6 (3.6)2 (1-3)**N=104**67 (64.4)13 (12.5)24 (23.1) | 111 (30.6)2.1 (1.9)1 (1-2)**N=111**43 (38.7)15 (13.5)53 (47.8) |
| **Postnatal visits at the GP**One or more postnatal visitsMean number of visits (SD)Median number of visits (IQR)BP measured at every visitBP measured at some visitsBP never measured | 466 (71.4)2.1 (3.1)1 (1-2)**N=466**291 (62.5)85 (18.2)90 (19.3) | 222 (76.6)2.5 (3.3)2 (1-3)**N=222**163 (73.4)36 (16.2)23 (10.4) | 244 (67.2)1.8 (2.7)1 (1-2)**N=244**128 (52.5)49 (20.1)67 (27.5) |
| **Postnatal visits at other NHS facilities**One or more postnatal visitsMean number of visits (SD)Median number of visits (IQR)BP measured at every visitBP measured at some visitsBP never measured | 31 (4.8)5.6 (15.8)2 (2-1)**N=31**3 (9.7)1 (3.2)27 (87.1) | 12 (4.1)3.1 (3.1)2 (2-1)**N=12**2 (16.7)1 (8.3)9 (75.0) | 19 (5.2)7.2 (20.1)2 (4-1)**N=19**1 (5.3)0 (0.0)18 (94.7) |
| **Readmitted to hospital**YesNoMissing | 58 (8.9)582 (89.1)13 (2.0) | 38 (13.1)244 (84.1)8(2.8) | 20 (5.5)338 (93.1)5 (1.4) |
| **Readmitted to hospital due to BP**YesNoNot applicable/Missing | 28 (4.3)30 (4.6)595 (91.1) | 24 (8.3)14 (4.8)252 (86.9) | 4 (1.1)16 (4.4)343 (94.5) |
| **GP postnatal check attendance**NoYes acceptedYes declinedMissingBP measured | 39 (6.0)584 (89.4)17 (2.6)13 (2.0)**N=584**459 (78.6) | 19 (6.6)258 (89.0)5 (1.7)8 (2.8)**N=258**214 (83.0) | 20 (5.5)326 (89.8)12 (3.3)5 (1.4)**N=326**245 (75.2) |
| **Any self-monitoring of BP since birth**YesNoMissing | 154 (23.6)486 (74.4)13 (2.0) | 125 (43.1)157 (54.1)8 (2.8) | 29 (8.0)329 (90.6)5 (1.4) |
| **Regular self-monitoring of BP since birth**YesNoNot applicable/Missing | 79 (12.1)75 (11.5)449 (76.4) | 72 (24.8)53 (18.3)165 (56.9) | 7 (1.9)22 (6.1)334 (92.0) |
| **Opinion of postnatal care (overall)**ExcellentVery goodGoodFairPoorNAMissing | 177 (27.1)228 (34.9)143 (21.9)66 (10.1)25 (3.8)1 (0.2)13 (2.0) | 92 (31.7)87 (30.0)53 (18.3)36 (12.4)13 (4.5)1 (0.3)8 (2.8) | 85 (23.4)141 (38.8)90 (24.8)30 (8.3)12 (3.3)0 (0.0)5 (1.4) |
| **Opinion of postnatal care in hospital**ExcellentVery goodGoodFairPoorNAMissing | 245 (37.5)205 (31.4)90 (13.8)59 (9.0)38 (5.8)3 (0.5)13 (2.0) | 112 (38.6)85 (29.3)39 (13.5)27 (9.3)17 (5.9)2 (0.7)8 (2.8) | 122 (36.6)120 (33.1)51 (14.1)32 (8.8)21 (5.8)1 (0.3)5 (1.4) |
| **Opinion of postnatal care at home**ExcellentVery goodGoodFairPoorNAMissing | 185 (28.3)180 (27.6)162 (24.8)66 (10.1)28 (4.3)19 (2.9)13 (2.0) | 95 (32.8)66 (22.8)66 (22.8)33 (11.4)14 (4.8)8 (2.8)8 (2.8) | 90 (24.8)114 (31.4)96 (26.5)33 (9.1)14 (3.9)11 (3.0)5 (1.4) |
| **Are you likely to consider having a future pregnancy?**YesNoMissing | 421 (64.5)218 (33.4)14 (2.1) | 192 (66.2)90 (31.0)8 (2.8) | 229 (63.1)128 (35.3)6 (1.7) |
| **Are you currently pregnant?**YesNoMissing | 3 (0.5)636 (97.4)14 (2.1) | 2 (0.7)280 (96.6)8 (2.8) | 1 (0.3)356 (98.1)6 (1.7) |
| **Has your recent pregnancy/birth/postnatal changed your family plans?**YesNoMissing | 206 (31.6)433 (66.3)14 (2.1) | 107 (36.9)175 (60.3)8 (2.8) | 99 (27.3)258 (71.1)6 (1.7) |

## Supplementary table 6: Maternal demographics at postnatal enrolment by responder status

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Totals** | **Responder$** | **Non-responder** |
| **Number of women** | **1757** | **654 (37.2)** | **1,103 (62.8)** |
| **Number of women with hypertension**  | 769 (43.8) | 290 (44.3) | 479 (43.4) |
| **Mean (SD) maternal age, years** | 32.7 (5.5) | 33.3 (5.2) | 32.4 (5.6) |
| **Self-reported ethnicity groupings**Black/black mixedAsian/Asian mixedWhiteOtherMissing | 263 (15.0)187 (10.7)1230 (70.0)75 (4.3)2 (0.1) | 68 (10.4)56 (8.6)505 (77.2)23 (3.5)2 (0.3) | 195 (17.7)131 (11.9)725 (65.7)52 (4.7)0 (0.0) |
| **Education level beyond secondary (self-reported)**  | 1375 (78.3) | 559 (85.5) | 816 (74.0) |
| **Currently employed (self-reported)** | 1321 (75.2) | 523 (80.0) | 798 (72.4) |
| **Living with others (self-reported)**  | 1554 (88.5) | 583 (89.1) | 971 (88.0) |
| **Any risk factors for hypertension (self-reported)** | 1395 (79.4) | 533 (81.5) | 862 (78.2) |
| **Any mental health condition (self-reported)** | 307 (17.5) | 124 (19.0) | 183 (16.6) |
| **Positive to either Whooley questions at initial antenatal visit**Missing | 124 (7.1)134 (7.6) | 39 (6.0)54 (8.3) | 85 (7.7)80 (7.3) |
| **Median (IQR) body mass index at initial antenatal visit, kg/m2** | 26 (22.5-30.7) | 25.1 (22.2-30.6) | 26 (22.6-31) |
| **Current smoker at initial antenatal visit** | 97 (5.5) | 22 (3.4) | 75 (6.8) |
| **First baby** | 1076 (61.3) | 426 (65.1) | 650 (58.9) |
| **Singleton delivery** | 1712 (97.4) | 633 (96.8) | 1079 (97.8) |
| **Intended mode of birth** Spontaneous vaginal birthElective c-sectionPlanned induction (vaginal birth)Not discussed - delivered earlyNot discussed – otherMissing | 1062 (60.4)304 (17.3)289 (16.5)24 (1.4)78 (4.4)0 (0.0) | 399 (61.0)115 (17.6)108 (16.5)4 (0.6)28 (4.3)0 (0.0) | 663 (60.1)189 (17.1)182 (16.4)20 (1.8)50 (4.5)0 (0.0) |

**$**Responder = a woman who completed the 3-month questionnaire

## Supplementary table 7: Characteristics of labour, birth and post-delivery postnatal stay at postnatal enrolment by responder status

|  |  |  |  |
| --- | --- | --- | --- |
| **Number of women** | **Totals** | **Responder$** | **Non-responder** |
| **Maternal outcomes: number of women** | **1757** | **654 (37.2)** | **1,103 (62.8)** |
| **Number of women with hypertension** | 769 (43.8) | 290 (44.3) | 479 (43.4) |
| **Use of regional anaesthetic in labour** | 1228 (69.9) | 455 (69.6) | 773 (70.1) |
| **Second/third/fourth degree perineal tear or episiotomy** | 668 (38.0) | 267 (40.8) | 401 (36.4) |
| **Median (IQR) length of postnatal inpatient stay, days**  | 3 (2-4) | 3 (2-4) | 3 (2-4) |
| **Admission to either high dependency unit or intensive care unit\*\*** | 181 (10.3) | 85 (13.0) | 96 (8.7) |
| **Median (IQR) length of stay in high dependency unit or intensive care unit, days** | 1 (1-1) | 1 (1-1) | 1 (1-1) |
|  |  |  |  |
| **Perinatal outcomes: number of infants** | **1803** | **675 (37.4)** | **1128 (62.6)** |
| **Number of babies to women with hypertension** | 799 (44.3) | 303 (44.9) | 496 (44.0) |
| **Livebirths** | 1802 (99.9) | 675 (100.0) | 1127 (99.9) |
| **Mode of delivery**VaginalForcepsVentousePre-labour c-sectionIn-labour c-sectionMissing | 657 (36.4)168 (9.3)137 (7.6)462 (25.6)379 (21.0)0 (0.0) | 235 (34.8)71 (10.5)56 (8.3)181 (26.8)132 (19.6)0 (0.0) | 422 (37.4)97 (8.6)81 (7.2)281 (24.9)247 (21.9)0 (0.0) |
| **Mean (SD) gestational age at birth, weeks** | 38.8 (2.3) | 38.8 (2.3) | 38.8 (2.3) |
| **Mean (SD) birthweight (kg)** | 3.198 (0.671) | 3.197 (0.681) | 3.199 (0.666) |
| **Small for Gestational Age** (<10th birthweight centile)  | 184 (10.2) | 64 (9.5) | 120 (10.6) |
| **Mean (SD) length of infant inpatient stay, days** | 4.2 (6.7) | 4.4 (6.8) | 4.1 (6.7) |
| **Baby (ies) admitted to the neonatal unit** | 230 (12.8) | 91 (13.5) | 139 (12.3) |
| **Mean (SD) length of stay in neonatal unit, days** | 9.7 (9.6) | 9.8 (9.9) | 9.6 (9.4) |

\*Adjusted for clustering by twins \*\*Includes post section recovery **$**Responder = a woman who completed the 3-month questionnaire

## Supplementary table 8: Study specific outcomes at postnatal enrolment by responder status

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Totals** | **Responder$** | **Non-responder** |
| **Number of women** | **1757** | **654 (37.2)** | **1,103 (62.8)** |
| **EQ-5D VAS score (0-100)**Mean (SD) Median (IQR)  | 71.8 (18.8)75 (60-85) | 72.0 (17.1)75 (64-80) | 71.7 (19.7)75 (60-85) |
| **EPDS score ≥13**N (%) | 222 (12.6) | 74 (11.3) | 148 (13.4) |
| **Positive to either Whooley Q1 or Q2****at postnatal enrolment** | 396 (22.5) | 266 (24.1) | 130 (19.9) |

**$**Responder = a woman who completed the 3-month questionnaire