West Midlands Maternity Core Dataset

Version 1.9 – 04.11.2010

Data items: 114
Including Diabetes dataset: 139
<table>
<thead>
<tr>
<th>DATA ITEM</th>
<th>FIELD / OPTIONS</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MATERNAL DETAILS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. NHS number</td>
<td>• Number</td>
<td></td>
</tr>
<tr>
<td>2. Hospital Number</td>
<td>• Number</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Undocumented</td>
<td></td>
</tr>
<tr>
<td>3. Hospital responsible for care at booking</td>
<td>• Out of region</td>
<td></td>
</tr>
<tr>
<td>4. Maternal Date of Birth</td>
<td>• dd/mm/yyyy</td>
<td>- No fixed abode is obtained from housing status</td>
</tr>
<tr>
<td>5. Postcode of mother at booking</td>
<td>• Postcode</td>
<td></td>
</tr>
<tr>
<td>6. Postcode of mother at time of birth</td>
<td>• Undocumented</td>
<td></td>
</tr>
<tr>
<td>7. GP code at time of birth</td>
<td>• Not registered with a GP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• GP Code</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Undocumented</td>
<td></td>
</tr>
<tr>
<td>8. Ethnic Origin</td>
<td>• Africa:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• North/Sub Sahara/Other</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Asia:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• India/Pakistan/Bangladesh/China/ Far East/South East/Other/Undocumented</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Caribbean</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Europe:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Britain/Ireland/Eastern/Northern/Western/Southern/ Other/Undocumented</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Middle East</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Mixed – African-European</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Mixed – Asian-European</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Mixed – Caribbean-European</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Mixed – Other</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Mixed - Undocumented</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Other - Freetext</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Declined to answer</td>
<td></td>
</tr>
</tbody>
</table>
9. Was the woman born in the UK?
   - Undocumented
   - No
   - Yes
   - Undocumented

10. If no:
    a) What country was the woman born in?
    - Countries dropdown list

11. b) What year did the woman move to the UK?
    - yyyy
    - Undocumented
    - British citizen
    - Asylum seeker
    - Economic migrant (European Union)
    - Failed asylum seeker
    - Given refugee status with indefinite leave to remain
    - Spouse is British citizen
    - Student/work visa
    - Other – Freetext
    - Undocumented

12. c) Status of citizenship
    - British citizen
    - Asylum seeker
    - Economic migrant (European Union)
    - Failed asylum seeker
    - Given refugee status with indefinite leave to remain
    - Spouse is British citizen
    - Student/work visa
    - Other – Freetext
    - Undocumented

13. Did the woman need an interpreter during the pregnancy?
    - No
    - Yes
    - Undocumented

14. Highest educational level
    - No qualifications
    - GSCE/O level
    - A level
    - First degree
    - Higher degree (PgD, Msc, Mphil, PhD)
    - NVQ level 1/2/3/4/5
    - Other qualifications (City&Guilds, RCA/OCR, BTE/EdExcel)
    - Professional qualifications
    - Undocumented

15. Marital status
    - Single
    - Married / civil partnership
    - Divorced / civil partnership dissolved
    - Widowed
    - Separated
    - Undocumented

**PARTNER / FATHER DETAILS**

16. Did the woman have a partner at booking?
    - No
    - Yes
    - Undocumented
17. If yes, are they employed?  
- No  
- Yes  
- Undocumented

18. Is the baby’s father a blood relation?  
- No  
- Yes - First cousin  
- Yes - Second cousin  
- Yes - Other  
- Yes – Undocumented  
- Undocumented

19. Father’s Ethnic Origin  
- Africa:  
  - North/Sub Sahara/Other  
- Asia:  
  - India/Pakistan/Bangladesh/China/  
    - Far East/South East/Other/Undocumented  
- Caribbean  
- Europe:  
  - Britain/Ireland/Eastern/Northern/Western/  
    - Southern/ Other/Undocumented  
- Middle East  
- Mixed – African-European  
- Mixed – Asian-European  
- Mixed – Caribbean-European  
- Mixed – Other  
- Mixed - Undocumented  
- Other - Freetext  
- Declined to answer  
- Undocumented

**SOCIAL CIRCUMSTANCES**

20. Employment status of mother at booking  
- Full-time employed  
- Part-time employed  
- Employed undocumented  
- Looking after home / family  
- Student  
- Permanently sick /disabled  
- Unemployed  
- Retired  
- Undocumented

21. Housing tenure at booking  
- Owns  
- Rents  
- With family / friends  
- UKBA/NASS  
- No fixed abode  
- Care services
22. Support from partner/family/friend?
   - No
   - Yes
   - Undocumented

23. Was there any social factors identified during the pregnancy?
   - No
   - Yes
   - Undocumented

24. If yes, was there any referrals made?
   a) Common Assessment Framework
   b) Housing officer
   c) Pregnancy Outreach Worker (POW)
   d) Psychiatrist
   e) Social worker
   f) Teenage pregnancy specialist
   g) Other support worker
   - No
   - Yes
   - Undocumented

25. Was the woman asked if she had a history of domestic abuse during this pregnancy?
   - No
   - Yes

26. If yes, was there a history of domestic abuse in this pregnancy?
   - No
   - Yes
   - Undocumented

27. Was the woman smoking at booking?
   - No
   - Yes
   - Undocumented

28. If yes:
   a) How many per day
   - Number
   - Undocumented

29. b) Was the woman offered smoking cessation support during the pregnancy?
   - No
   - Yes
   - Undocumented

30. If no, did the woman smoke during the 12 months prior to conception?
   - No
   - Yes
   - Undocumented

31. If yes, date stopped smoking
   - MM/YYYY
   - Undocumented

32. Was the woman smoking at the end of pregnancy?
   - No
   - Yes
   - Undocumented

SMOKING, ALCOHOL, NON-MEDICINAL DRUGS
33. If yes, how many per day
   - Number
   - Undocumented

34. Did anyone in the household smoke at booking?
   - No
   - Yes
   - Undocumented

35. Does the woman consume alcohol?
   - No
   - Yes
   - Undocumented

36. If yes:
   a) How many units per week pre-pregnancy?
      - Number
      - Undocumented

37. b) How many units per week at booking?
      - Number
      - Undocumented

38. Was the woman taking non-medicinal drugs at booking?
   - No
   - Yes
   - Undocumented

39. If yes, was the woman referred to a substance misuse advisor?
   - No
   - Yes
   - Undocumented

### MEDICAL HISTORY

40. Were there any previous medical problems identified during the pregnancy?
   - No
   - Yes
   - Undocumented

41. If yes:
   a) Diabetes
   b) Heart problems
   c) Hypertension
      - No
      - Yes
      - Undocumented

   **Non-exclusive**

42. Were there any previous mental health problems identified during the pregnancy
   - No
   - Yes
   - Undocumented

43. Were there any medical factors identified during the pregnancy?
   - No
   - Yes
   - Undocumented

44. If yes, was the woman referred to a specialist antenatally?
   - No
   - Yes
   - Undocumented
### OBSTETRIC HISTORY

45. Has the woman had any previous pregnancies?  
   • No  
   • Yes  
   • Undocumented

46. If yes:  
   a) Previous pregnancies reaching 24 weeks gestation or more  
      • Number  
      • Undocumented

47. b) Previous pregnancies reaching less than 24 weeks gestation  
      • Number  
      • Undocumented

48. c) Previous live births  
      • Number  
      • Undocumented

49. d) Previous stillbirths  
      • Number  
      • Undocumented

50. e) Number of previous caesarean sections  
      • Number  
      • Undocumented

51. f) Number of previous small for gestational age babies  
      • Number  
      • Undocumented

52. Were there any obstetric factors identified during the pregnancy?  
   • No  
   • Yes  
   • Undocumented

53. If yes, was the woman referred to a specialist antenatally?  
   • No  
   • Yes  
   • Undocumented

### BOOKING AND SCREENING

54. Date of first appointment with the midwife/GP  
    • dd/mm/yyyy  
    • Undocumented

55. Date of second appointment with the midwife/GP  
    • dd/mm/yyyy  
    • Undocumented

56. Date of completed social and health assessment  
    • dd/mm/yyyy  
    • Undocumented

57. Maternal height at completed assessment  
    • cm  
    • Undocumented

58. Maternal weight at completed assessment  
    • kg  
    • Undocumented

59. Estimated date of delivery  
    • dd/mm/yyyy
60. Method of calculation of estimated date of delivery
   • Ultrasound
   • LMP
   • Clinical estimate
   • Undocumented

61. Was folic acid taken?
   • No
   • Yes
   • Undocumented

62. If yes:
   a) When was it commenced?
      • dd/mm/yyyy
      • Undocumented

63. b) What was the dose?
   • 400mcg
   • 5mg
   • Other
   • 400mcg changed to 5mg
   • Undocumented

64. c) If dose changed 400mcg to 5mg, date of change
   d) dd/mm/yyyy
   e) Undocumented

65. Screening for Downs syndrome offered?
   • No
   • Yes
   • Too late
   • Undocumented

66. Data collection discussed?
   • No
   • Yes
   • Undocumented

67. Anomaly (Mid-T) Scan
   • Offered and accepted
   • Offered and undecided
   • Offered and declined
   • Not offered
   • Undocumented
   • DD/MM/YYYY
   • Undocumented

68. Date of fetal anomaly scan
   • dd/mm/yyyy
   • Undocumented

**ANTENATAL VISITS**

69. Number of antenatal visits with community midwifery service
   • Number
   • Undocumented

70. Number of antenatal visits with same midwife
   • Number
   • Undocumented

71. Name of the midwife
   • Freetext
   • Undocumented

**PREGNANCY COMPLICATIONS**
72. Was a growth scan conducted during the pregnancy?
   • No
   • Yes
   • Undocumented

73. **Ask for each scan:**
   i. Date
      • dd/mm/yyyy
      • Undocumented

74. ii. Estimated fetal weight
      • g
      • Undocumented

75. iii. What was the reason for the growth scan?
   a) Risk identified at completed assessment
   b) Late booker
   c) Suspected IUGR
   d) DFM
   e) Pregnancy complications
   f) Other – Free text
   g) Undocumented

76. iv. Was Intra-Uterine Growth Restriction diagnosed?
      • No
      • Yes
      • Undocumented

77. Did the woman report diminished fetal movements during the pregnancy?
78. a) If yes, date of first admission for DFM
      • dd/mm/yyyy
      • Undocumented

79. b) Number of admissions for DFM
      • Number
      • Undocumented

80. Did the woman have any pregnancy-related complications during the pregnancy?
    • No
    • Yes
    • Undocumented

81. If yes:
    a) Antepartum haemorrhage
    b) Hypertension diseases:
       If yes,
       i. Pregnancy induced hypertension
       ii. Pre-eclampsia
       iii. HELLP
    c) Gestational diabetes

**LABOUR SUMMARY**

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<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>82. Was the labour induced?</td>
<td>No, Yes, Undocumented</td>
</tr>
<tr>
<td>83. If yes, reason for induction</td>
<td>Abnormal CTG/doppler, APH, Breech, Diabetes, Fetal abnormality, IUD, IUGR, Maternal request, Multiple pregnancy, Other – Fetal reason, Other – Maternal reason, Poor obstetric history, PIH/PET, Prolonged pregnancy, Prolonged ROM, Reduced fetal movements, Reduced liquor volume, Suspected fetal macrosomia, Undocumented</td>
</tr>
<tr>
<td>84. Did the woman have an episiotomy?</td>
<td>No, Yes, Undocumented</td>
</tr>
<tr>
<td>85. Did the woman have a perineal tear</td>
<td>No tear, 1st degree, 2nd degree, 3rd (a) degree, 3rd (b) degree, 3rd (c) degree, 3rd degree undocumented what grade, 4th degree, Undocumented</td>
</tr>
</tbody>
</table>

**BABY BIRTH DETAILS (asked for each baby)**

<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>86. Number of babies</td>
<td>Singleton, Twins, 3, 4, 5, 6</td>
</tr>
<tr>
<td>87. Date and time of delivery</td>
<td>dd/mm/yyyy, hh:mm</td>
</tr>
</tbody>
</table>
88. Place of delivery

- Home
- Born before arrival
- Hospital
- Hospital midwife-led
- Undocumented

89. Baby NHS number

- Number

90. Hospital responsible for care

- List of hospitals within the region

  Hospitals in the region:

91. Final mode of birth

- Spontaneous cephalic vaginal
- Ventouse
- Forceps
- Vaginal Breech
- Caesarean section
- Undocumented

92. If caesarean section, what grade

- Emergency
- Urgent
- Scheduled
- Elective
- Undocumented

93. If forceps delivery, what type

- Wriggles
- Neville Barnes
- Keillands
- Other
- Undocumented

94. Outcome?

- Livebirth
- Stillbirth

95. If stillbirth:
   a) Date and time when the death was confirmed?

      - dd/mm/yyyy hh:mm
      - Undocumented

96. Date and time of start of labour?

      - dd/mm/yyyy hh:mm
      - Undocumented

97. Was there a congenital anomaly at birth?

- No
- Yes
- Suspected
- Undocumented

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## WM Core Maternity Dataset

98. a) If yes or suspected, description of anomaly

99. Sex

100. Birth weight

101. Apgar at 1 minute

102. Apgar at 5 minutes

### MATERNAL POSTNATAL

103. Date of discharge to the health visitor

104. Number of postnatal visits with community midwifery service

105. Number of postnatal visits with the same midwife

106. Name of the midwife

### BABY POSTNATAL

107. Date of postnatal community discharge

108. Destination of discharge

109. Was the baby put to the breast or receive breastmilk at any stage?

110. Date and time when the baby was put to the breast for the first time or given EBM

111. Feeding at discharge from hospital (or at 48hrs)

- Freetext
- Male
- Female
- Indeterminate
- Undocumented
- g
- Number
- Undocumented
- dd/mm/yyyy
- Undocumented
- Number
- Undocumented
- Number
- Undocumented
- Freetext
- Undocumented
- dd/mm/yyyy
- Undocumented
- Health visitor
- Neonatal unit
- Died
- Undocumented
- No
- Yes
- Undocumented
- dd/mm/yyyy hh:mm
- Undocumented
- Exclusively breast milk
- Mixed breast and artificial milk
- Exclusively artificial milk
### MATERNAL PRE-EXISTING DIABETES PILOT

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>115.</td>
<td>Diabetes type</td>
<td>Type 1, Type 2, Other, Unknown (while diagnosis is in progress), Undocumented</td>
</tr>
<tr>
<td>116.</td>
<td>Date of diagnosis of diabetes</td>
<td>MM/YYYY</td>
</tr>
<tr>
<td>117.</td>
<td>Pre-conceptual HbA1c</td>
<td>Result mmols/mol</td>
</tr>
<tr>
<td>118.</td>
<td>Date of pre-conceptual HbA1c</td>
<td>dd/mm/yyyy</td>
</tr>
<tr>
<td>119.</td>
<td>Pre-conceptual microalbuminurea</td>
<td>Microalbuminurea (ACR &gt;3.5), Proteinuria (&gt;300mg/mol), None, Not available</td>
</tr>
<tr>
<td>120.</td>
<td>Pre-conceptual retinopathy</td>
<td>No retinopathy, Background retinopathy, Preproliferative retinopathy, Proliferative retinopathy, Not available</td>
</tr>
<tr>
<td>121.</td>
<td>Pre-conceptual maculopathy</td>
<td>No Maculopathy, Maculopathy, Not available</td>
</tr>
<tr>
<td>122.</td>
<td>Pre-existing treated hypertension</td>
<td>Yes, No, Not known</td>
</tr>
<tr>
<td>123.</td>
<td>Pre-existing ischemic heart disease</td>
<td>Yes, No, Not known</td>
</tr>
<tr>
<td>124.</td>
<td>On statins prior to conception</td>
<td>Yes, No, Not known</td>
</tr>
</tbody>
</table>
125. On ACE inhibitors prior to conception
   • Yes
   • No
   • Not known

126. Treatment regimen at conception
   • Metformin
   • Sulphonylureas
   • Glyptin
   • GLP - 1
   • Short acting insulin
   • Long acting insulin
   • BD Mix
   • Insulin pump
   • None

127. Last recorded treatment regimen in pregnancy
   • Metformin
   • Sulphonylureas
   • GLP - 1
   • Short acting insulin
   • Long acting insulin
   • BD Mix
   • Insulin pump
   • None

128. Retinopathy status at 16 weeks
   • No retinopathy
   • Background retinopathy
   • Preproliferative retinopathy
   • Proliferative retinopathy
   • Not available

129. Maculopathy status at 16 weeks
   • No Maculopathy
   • Maculopathy
   • Not available

130. Retinopathy status at 28 weeks
   • No retinopathy
   • Background retinopathy
   • Preproliferative retinopathy
   • Proliferative retinopathy
   • Not available

131. Maculopathy status at 28 weeks
   • No Maculopathy
   • Maculopathy
   • Not available

132. Four chamber cardiac scan performed
   • Carried out
   • Not carried out
   • Not available
133. Date of four chamber cardiac scan • DD/MM/YYYY

134. Number of growth scans • Number

135. Admitted to hospital for hypoglycaemia • Yes
• No
• Not known

136. Admitted to hospital for diabetic ketoacidosis • Yes
• No
• Not known

137. Admitted to hospital for raised blood pressure • Yes
• No
• Not known

138. Admitted to HDU/ICU • Yes
• No
• Not known

139. If yes, date of admission to HDU/ICU • DD/MM/YYYY

Up to 10 admissions collected