

**Electronic Encyclopaedia of Perinatal Data.  
Vol. IV. Resource Document**

# **G. Generic (Maternity & Neonatal)**

*Cost calculations assume data entry by midwife. If by a doctor the cost will be greater.  
If it is practical for the data to be entered by a ward clerk the cost will naturally be less.*

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**Any Comments, Criticisms, Corrections  
or Suggestions for Improvement very welcome**

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CRUDE COST/WORKLOAD ASSUMPTIONS. U.K.Birthrate 580,000 per year. Wages + Overheads for Data Entry by Midwife = £20 / hour.  
Data Entry Work: 4 secs if "Known" or "Quick Look up", 10 secs if "Time Consuming" or "Ask Patient". % = % about whom data is needed.  
**BOLD = "Logical Prioritisation"** † = Must be removed when data is anonymised 6 pt = Maternity EPR Rejection Recommended

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# G1. Antenatal - Mother

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## “BOOKING” STATUS

CHANGE OF INTENTION BETWEEN “AGREED INITIAL INTENTION” AND “INTENTION AT THE START OF THE BIRTH EPISODE”

Date of Change during Pregnancy®-MAT

[Date]

Unknown

COMMENTS Settatree: Date of (each) change of intended place of delivery. The proximity of the date of change to the date of delivery will provide a measure of urgency.

REASON FOR EPR DATA ENTRY

**INDIVIDUAL BIRTH & POST-NATAL CARE** None

DATA SETS, (MAINLY FOR LATER ANALYSIS) CESDI96 / Settatree

WORKLOAD AND COST

ACCESS TO DATA Look up PROBABLY NORMALLY ENTERED BY: Midwife?

EVENTUAL ELECTRONIC DATAFLOW? None

FUTURE EPR VISIBILITY? Full Version only

MOST RECENT UPDATE Release 2.2 (April 2008)

Gestation at Time of Change during Pregnancy®-MAT

[Weeks & Days]

Unknown

REASON FOR EPR DATA ENTRY

**INDIVIDUAL BIRTH & POST-NATAL CARE** None

DATA SETS, (MAINLY FOR LATER ANALYSIS) CESDI96 / Settatree

COMMENTS Settatree: Timing of (each) change of intended place of delivery.

WORKLOAD AND COST A5. Computer generated; based on A1-3 items

## Reason for Change during Pregnancy @-MAT

WHEN? Only if "Place of Birth - NAME OF INSTITUTION (Agreed Intial Intention)  
is not the same as  
"Place of Birth - NAME OF INSTITUTION (Intention Start of Birth Event)"  
OR IF "Place of Birth - RESPONSIBILITY for Cover (Agreed Intial Intention)"  
is not the same as  
"Place of Birth - RESPONSIBILITY for Cover (Intention at Start of Birth Event)"

*Change of Address*  
*Request for Epidural*  
*Expectant Mother's Preference*  
*Pre-Eclampsia*  
*Other Obstetric or Medical Problem*  
*Other (Specify)*

### REASON FOR EPR DATA ENTRY

#### INDIVIDUAL BIRTH & POST-NATAL CARE None

DATA SETS, (MAINLY FOR LATER ANALYSIS) KornerMat / Tail / CESDI96 / Thames / BAPM / Settatree

COMMENTS Midwife to Consultant Transfer (Scottish Maternity)

Reason for change from original intention if different: 0. During Pregnancy - Change of address; 1. During Pregnancy - Clinical reasons; 2. During Pregnancy - Other reasons; 3. During Labour - Clinical reasons; 4. During Labour - Other reasons; 5. During Labour - Unintentionally (Korner Maternity); Give reason; timing for transfer (CESDI96); Change of Intention Reason (Episode Maternity Tail) Reason for Transfer : Reason for change in the place of birth ( Neonatal)

Settatrees has: Change of planned place of delivery. Yes; No but it would seem more reliable to use the computer to work out if there should be a Yes or a No answer to this question.

Settatree: Date of change(s) of intended place of delivery. Reasons(s) for change of intended place of delivery: Clinical; Non-clinical; Unintentional. Timing: Before labour; During labour. MCDP D31. Delivery: Place Change Reason Decision made during pregnancy because of change of address; Decision made before labour for clinical reasons; Decision made before labour for other reasons; [229] Decision made after onset of labour for clinical reasons; Decision made after onset of labour for other reasons; Occurred unintentionally after onset of labour

It seems that he like several current hospitals wishes someone to record (usually after the event) information about the reason and timing of every change of intention. In a magic paperless record this might be ideal but for the present it would only add to the workload of the person entereing all this data at the time of birth.

### WORKLOAD AND COST

ACCESS TO DATA Look up PROBABLY NORMALLY ENTERED BY. Midwife?

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| MCDP-DD-V3: M27. Entity: Mother: Booking. Item: Booking Status. Definition: The booking status of the mother identifying whether or not she has been booked for maternity care. Category Values: -Awaiting/scheduled; -Booked; -Booked elsewhere; -Declined booking; -Mother undecided; -Unbooked.

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## G2. Pregnancy Scans

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MCDP-DD-V3: F24. Entity: Fetus: Biparietal Diameter by Ultrasound. Item: Diameter in millimetres. Definition: The biparietal diameter of the fetal skull measured via ultrasound and recorded in millimetres. Category Values: -Positive decimal.

MCDP-DD-V3: F25. Entity: Fetus: Biparietal Diameter by Ultrasound. Item: Measurement Date. Definition: The date on which the biparietal diameter of the fetus is measured by ultrasound. Category Values: -Date.

MCDP-DD-V3: F26. Entity: Fetus: Ultrasound Scan. Item: Part of Baby Scanned. Definition: The part of the baby subject to an ultrasound scan. Category Values: -Abdomen; -Brain; -Heart; -Hip(s); -Kidney(s); -Other.

MCDP-DD-V3: F27. Entity: Fetus: Ultrasound Scan. Item: Purpose. Definition: The reason an ultrasound scan is performed during pregnancy. Category Values: -Amniotic fluid assessment; -Anomaly; -Biophysical profile; -Breech assessment; -Cervical length; -Confirmation of presentation; -Dating; -Fetal growth assessment; -Fetal intervention e.g. Amniocentesis/ CVS, take sample, transfusion, ECV.; -Fetal viability; -Following vaginal bleed; -Localisation of placenta; -Nuchal translucency; -Other; -Placental blood flow.

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## G3. Antenatal - Fetus

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### FETUS

MCDP-DD-V3: F8. Entity: Fetal Engagement. Item: Degree of Engagement. Definition: The entry of the head of the fetus into the true pelvis. Measured in fifths palpable per abdomen. Category Values: -0/5; -1/5; -2/5; -3/5; -4/5; -5/5; -Not recorded.

MCDP-DD-V3: F9. Entity: Fetal Engagement. Item: Fetal Engagement Date. Definition: The date on which fetal engagement is observed. Category Values: -Date.

MCDP-DD-V3: F10. Entity: Fetal Engagement. Item: Fetal Engagement Time. Definition: The time at which fetal engagement is observed. Category Values: -Time (24 hour clock).

MCDP-DD-V3: F15. Entity: Fetal Lie. Item: Date Lie Observed. Definition: The date on which the fetal lie is observed. Category Values: -Date.

MCDP-DD-V3: F16. Entity: Fetal Lie. Item: Time Lie Observed. Definition: The time at which the lie of the fetus is observed. Category Values: -Time (24 hour clock).

MCDP-DD-V3: F17. Entity: Fetal Lie. Item: Type of Lie. Definition: Relationship of the long axis of the fetus to the long axis of the mother. Category Values: -Longitudinal; -Not recorded; -Oblique; -Transverse; -Unstable.

MCDP-DD-V3: F20. Entity: Fetal Presentation. Item: Date Presentation Observed. Definition: The date on which the fetal presentation is observed. Category Values: -Date.

MCDP-DD-V3: F21. Entity: Fetal Presentation. Item: Time Presentation Observed. Definition: The time at which the presentation of the fetus is observed. Category Values: -Time (24 hour clock).

MCDP-DD-V3: F22. Entity: Fetal Presentation. Item: Type of Presentation. Definition: The part of the fetus lying in the lower pole of the uterus. The classification could be different for each baby born in a multiple birth. Category Values: -Breech; - includes frank breech (extended legs), flexed breech and footling breech; -Normal cephalic - includes occipito-anterior, occipito-posterior and occipito-transverse positions; -Other - any presentations not included above.

MCDP-DD-V3: M76. Entity: Mother: Screening. Item: Screening Type. Definition: The type of screening offered to a mother. Category Values: -Text/code.

MCDP-DD-V3: M77. Entity: Mother: Screening. Item: Screening: Offer/Acceptance. Definition: Identifies whether screening is offered to, and accepted by, a person or accepted by a parent/guardian on behalf of a baby. Category Values: -Not offered; -Not required/not applicable; -Offered - declined; -Offered and accepted; -Offered and accepted but not undertaken.

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## G4. Labour

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MCDP-DD-V3: M82. Entity: Mother: Steroids. Item: Last Dose Date. Definition: The last date on which steroids are administered to a pregnant woman before delivery of her baby(ies). Category Values: -Date.

MCDP-DD-V3: M83. Entity: Mother: Steroids. Item: Last Dose Time. Definition: The last time at which steroids are administered to a pregnant woman before delivery of her baby(ies). Category Values: -Time (24 hour clock).

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## G5. Mother - Postnatal

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MCDP-DD-V3: M62. Entity: Mother: Perineal Condition. Item: Condition Type. Definition: An assessment of the state of the perineum and perineal healing. Category Values: -Broken down; -Haematoma; -Infected; -Normal - clean, healing.

MCDP-DD-V3: M63. Entity: Mother: Postnatal Admission. Item: Days Postpartum at Admission. Definition: The number of days postpartum that a mother is admitted as an emergency. Category Values: -Positive integer.

MCDP-DD-V3: M64. Entity: Mother: Postnatal Admission. Item: Postnatal Admission Date. Definition: Records the admission of a mother at any time during the postnatal period. Includes re-admissions following discharge and admissions following planned home deliveries. Category Values: -Date.

MCDP-DD-V3: M65. Entity: Mother: Postnatal Breast Problem. Item: Problem Type. Definition: Breast problems experienced by the mother during the postnatal period. Category Values: -Breast abscess; -Cracked nipples; -Engorgement; -Inverted nipples; -Mastitis; -None; -Pain; -Sore nipples.

MCDP-DD-V3: M68. Entity: Mother: Postnatal Uterus State. Item: Observation of Uterus. Definition: Observation of the return to normal size of the uterus after delivery. Category Values: -Involution reduced - no tenderness; -Involution reduced - tenderness; -Involution retained - no tenderness; -Involution retained - tenderness; -No longer palpable.

MCDP-DD-V3: M69. Entity: Mother: Postnatal Uterus State. Item: Uterus Observation Date. Definition: The date on which the state of the mothers uterus is observed postnatally. Category Values: -Date.

MCDP-DD-V3: M93. Entity: Mother: Vaginal Fluid Loss Postpartum. Item: Observation Date. Definition: The date on which postpartum vaginal fluid loss is observed. Category Values: -Date.

MCDP-DD-V3: M94. Entity: Mother: Vaginal Fluid Loss Postpartum. Item: Observation of the Lochia. Definition: Observation of the lochia during the postnatal period. Category Values: -Clots/tissue present; -Diminishing moderate; -Diminishing/scanty; -Offensive; -Recurrence of fresh red loss after pink/brown loss excessive/sudden profuse.

## POST-NATAL RE-ADMISSIONS

Date of this Post-Partum Re-Admission

Days Post-Partum this time

MCDP-DD-V1/2

All Phases:: A1. Download from PAS

Indication for (this) Re-Admission

All Phases: A3. Individual Care Quality - Letter to GP etc (100%)

Reason for giving Anti-D? @-MAT

WHEN? Only if "Anti-D given?" = "Yes"

*Following amniocentesis/CVS;*

*Following antepartum bleed*

*Following legal termination*

*Following miscarriage*

*Following other invasive procedures*

*Routine after delivery*

*Routine at 26-28 weeks*

*Routine at 34 weeks.*

WORDING OF OTHER DATASETS MCDP-DD-V3: A52. Entity: Anti-D Immunisation. Item: Reason. Definition: The reason why Anti-D immunisation is administered to a woman. Only record if Anti-D administered. Category Values: -Following amniocentesis/CVS; -Following antepartum bleed; -Following legal termination; -Following miscarriage; -Following other invasive procedures; -Routine after delivery; -Routine at 26-28 weeks; -Routine at 34 weeks.

REASON FOR EPR DATA ENTRY

**PRIMARY USE (BIRTH & POST-NATAL) None**

SECONDARY USE None Known

WORKLOAD & COST

EVENTUAL ELECTRONIC INFLOW? None

OUTPUT (PAPER &/OR ELECTRONIC) None?

FUTURE EPR VISIBILITY? Full Maternity EPR only

MOST RECENT UPDATE Release 2.2 (April 2008)

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## G6. Baby

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### APGARS

MCDP-DD-V3: A53. Entity: Apgar Score. Item: Apgar Total. Definition: The total Apgar Score for a baby. Category Values: -Positive integer.

MCDP-DD-V3: A54. Entity: Apgar Score. Item: Colour. Definition: Apgar score for colour. Category Values: -0 = Blue, pale; -1 = Body pink, extremities blue; -2 = completely pink.

MCDP-DD-V3: A55. Entity: Apgar Score. Item: Heart Rate. Definition: Apgar score for heart rate. Category Values: -0 = Absent; -1 = Slow (below 100); -2 = Over 100.

MCDP-DD-V3: A56. Entity: Apgar Score. Item: Muscle Tone. Definition: Apgar score for muscle tone. Category Values: -0 = Limp; -1 = Some flexion of extremities; -2 = Active motion - extremities well flexed.

MCDP-DD-V3: A57. Entity: Apgar Score. Item: Reflex Irritability. Definition: Apgar score for reflex irritability (response to handling). Category Values: -0 = No response; -1 = Grimace; -2 = Cry.

MCDP-DD-V3: A58. Entity: Apgar Score. Item: Respiratory Effort. Definition: Apgar score for respiratory effort. Category Values: -0 = Absent; -1 = Weak cry - slow, irregular; -2 = Good - strong cry.

MCDP-DD-V3: A59. Entity: Apgar Score. Item: Time After Birth. Definition: The time at which the apgar score is recorded. Category Values: -1 minute; -5 minutes; -Other - positive integer.

### DAILY CARE

MCDP-DD-V3: B51. Entity: Baby: Weight (not at Birth). Item: Date Weighed. Definition: The date on which a baby is weighed other than at birth. Category Values: -Date.

MCDP-DD-V3: B52. Entity: Baby: Weight (not at Birth). Item: Weight in grams. Definition: The weight of the baby recorded in grams to the nearest gram and recorded at any time other than Birth Weight. Category Values: -Positive integer.



## DAILY INDIVIDUAL SPECIAL CARE DATA ENTRY

### Date of this data entry

WHEN All (100%)

[Date]

*Unknown*

SOURCE Liz Bibby

WORKLOAD & COST

B3: Computer-Generated

### Age in Days

WHEN All (100%)

[Days]

SOURCE Liz Bibby

WORKLOAD & COST

B3: Computer-Generated

### Ventilated

WHEN All (100%)

No

Yes

*Unknown*

*Other (Comment)*

SOURCE Liz Bibby

### NCPAP

WHEN All (100%)

No

Yes

*Unknown*

*Other (Comment)*

SOURCE Liz Bibby

### Headbox Oxygen

WHEN All (100%)

No

Yes

*Unknown*

*Other (Comment)*

SOURCE Liz Bibby

### Nasal Prongs

WHEN All (100%)

No

Yes

*Unknown*

*Other (Comment)*

SOURCE Liz Bibby

### TPN

WHEN All (100%)

???

SOURCE Liz Bibby

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## Care Category

WHEN All (100%)  
*Intensive (Level 1) Care*  
*High Dependency Care*  
*Special Care*  
*Normal Care*  
*Unknown*  
*Other (Comment)*

SOURCE Liz Bibby

FAWDRY COMMENT See S.SCBU. S3-C. TYPES & DURATION OF CARE for Definitions.

## Data entered by

WHEN All (100%)  
*[Name] (from Pick list?)*

SOURCE Liz Bibby

## TRANSFERS - BABY

SOURCE MCDP-DD-V3: B43. Entity: Baby: Transfer. Item: Baby Transfer Date. Definition: The date on which a baby is transferred. Category Values: -Date.

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MCDP-DD-V3: B44. Entity: Baby: Transfer. Item: Baby Transfer Time. Definition: The time at which a baby is transferred. Category Values: - Time (24 hour clock).

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MCDP-DD-V3: B45. Entity: Baby: Transfer. Item: From: Source Code. Definition: The NHS Organisation Code from which a baby has been transferred to the current facility. It is a code that is managed by the Corporate Data Administration Section of the Department of Health. Category Values: -Numeric identifier/code

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MCDP-DD-V3: B46. Entity: Baby: Transfer. Item: To: Destination Code. Definition: The NHS Organisation Code of the destination to which a baby is transferred. This is a code managed by the Corporate Data Administration Section of the Department of Health. Category Values: - Numeric identifier/code.