Gen2 Baby
Neonatal

NEONATAL OUTCOME *[NEONATE]:*
(From Baby's Notes)

STUDY NO. *[STUDYNO]:* _____
FETUS NO. *[FETUS]:* _____
DATE: ___ / ___ / ___
CODED BY: _____

[G200_N_GWEEK]
[G200_N_GDAYS]
[G200_BIRTHORDER]

Date of Delivery ~~[***G200_BIRTH***]~~: ___ / ___ / ___
Time of Delivery [***G200_DEL_TIME***]: _____ (24h clock)

Stillborn ~~[***G200_SB***]~~: Y/N
Death-delivery interval [~~***G200_SB_DAYS***~~]: _____ days

BIRTH WEIGHT *[G200_N_WEIGHT]:* _____ g
SEX *[SEX]:* M / F / Indeterminate
LENGTH *[G200_N_LENGTH]:* _____ cm
HEAD CIRC *[G200_N_HC]:* _____ cm

APGAR SCORES ***[G200_APGAR1]:* _____** at 1 min
***[G200_APGAR5]:* _____** at 5 min
***[G200_APGAR10]:* _____** at 10 min

TIME TO SPONTANEOUS RESPIRATION *[G200_TSR]:* _____ mins (to nearest 0.5)
where 98 = intubated/ventilated

RESUSCITATION

[G200_RESUS 1]: (code highest)
0 – Nil
1 – Suction only
2 – Oxygen
3 – Bag and mask
4 – Intubation

[G200_RESUS2]:
1 – External cardiac massage
2 – Blood volume expansion
3 – Both

Drugs:
Naloxone ***[G200_DRUG_D1]:*** Y / N
Bicarbonate ***[G200_DRUG_D2]:*** Y / N
Adrenaline ***[G200_DRUG_D3]:*** Y / N

CORD GAS (Arterial/Venous) *[G200_CORDGAS]:* Y / N
pH ***[G200_C_PH]:* _____**
B.E. ***[G200_C_BE]:* _____**
HCO3 ***[G200_C_HCO3]:* _____**
pCO2 ***[G200_C_PCO2]:* _____**
pO2 ***[G200_C_PO2]:* _____**
Lactate ***[G200_C_LACT]:* _____**

BLOOD GROUP *[G200_N_BLD]:* _____

1 - O Pos	4 – A Neg	7 – AB Pos
2 – O Neg	5 – B Pos	8 – AB Neg
3 – A Pos	6 – B Neg	77 - Unknown

EVIDENCE OF BIRTH TRAUMA *[G200_N_TRAUMA]:* Y / N *(Do not include chignon from ventouse)*

[G200_N_TRAUM1] _____

[G200_N_TRAUM2] _____

CONGENITAL ABNORMALITY *[G200_N_CONGEN]:* Y / N

[G200_N_CONG1]_____

[G200_N_CONG2]_____

[G200_N_CONG3] _____

WAS THIS BABY THOUGHT TO BE GROWTH RETARDED? (IUGR/SFD/SGA) *[G200_N_IUGR]:* Y / N

Presumed cause *[G200_IUGR_R]:* (circle)

1 – Hypertension / Pre-eclampsia
2 – Congenital abnormality
3 – Fetal viral infection
4 – Placental insufficiency
5 – Chromosomal disorder _____
6 – Twin / Twin transfusion
7 – Constitutional (small normal)
8 – Other _____
77 – Unknown

AGE AT DISCHARGE *[G200N_STAY]:* _____ days (Home birth = 0; <24hrs = 1)

FEEDING AT DISCHARGE *[G200_N_FEED]:* _____ (1 = Breast; 2 = Bottle)

VENTILATION AFTER RESUSCITATION *[G200_VENTIL]:* Y / N

IMV Duration:
[G200_IMV1]: _____ hours OR
[G200_IMV2]: _____ days

97 (hrs) = until transfer
98 (hrs) = until death

CPAP Duration:
[G200_CPAP1]: _____ hours
OR ***[G200_CPAP2]:*** _____ days

97 (hrs) = until transfer
98 (hrs) = until death

OXYGEN DEPENDENT *[G200_OXYDEP]:* Y / N

Duration:
[G200_OXYDEP1]: _____ hours
OR ***[G200_OXYDEP2]:*** _____ days

LENGTH OF STAY IN SPECIAL NURSERY:

NICU (SCN3) ***[G200_SCN_ICU]:*** Y / N
Duration:
[G200_SCN_ICU1]: _____ hours
OR ***[G200_SCN_ICU2]:*** _____ days

SCN 1 or 2 ***[G200_SCN_INT]:*** Y / N
Duration:
[G200_SCN_INT1]: _____ hours
OR ***[G200_SCN_INT2]:*** _____ days

NEONATAL PROBLEMS

Initial Hb if done *[G200_N_HB]:* _____ (g/dl)

Feeding variables:
G200_N_SUCK:
Neonate - poor sucking/feeding
G200_B_SUCK:
Physical measurements on day 2- Sucking
G200_N_FEED:
Neonate - type of feeding at discharge

Poor sucking/feeding ***[G200_N_SUCK]:*** Y / N
Hypoglycaemia (PGL <2.5mmol/l) ***[G200_N_HYPOGL]:*** Y / N
Lowest PGL [***G200_PGL***]: _____ mmol/L
Septic screen performed ***[G200_SEP_SCR]:*** Y / N
High CRP (>10) ***[G200_CRP]***: Y / N
Sepsis proven [G200_***N_SEPSIS***]: Y / N
Site: ***[G200_N_SEP1 – G200_N_SEP3]*** _____
Organism: ***[G200_N_ORG1 – G200_N_ORG3]***
Conjunctivitis ***[G200_CONJUNC]:*** Y / N
Organism: ***[G200_CONJ_ORG]:*** _____
Jaundice ***[G200_JAUNDICE]:*** Y / N
Highest bilirubin [***G200_BILI***]: _____ µmol/l
Cause [***G200_JAUN_R***]: _
1 – Physiological
2 – Rhesus isoimm
3 – ABO incompat
4 – Infection
5 – Prematurity
8 – Other: _____
77 – Unknown
Rx ***[G200_JAUN_TR]:***
0 – None
1 – UV light only ***[G200_JAUN_UV]:*** _____ d
2 – Exchange Tx ***[G200_JAUN_EXC]:*** _____ No.
DCT Positive [***G200_DCT***]: Y / N
Anaemia (Hb <14.0 g/dl) [***G200_N_ANAEM***]: Y / N
Cause [***G200_N_HBDIAG***]: _
1 – Haemolytic Rhesus
2 – Haemolytic ABO
3 – Haemolytic other
4 – Iatrogenic
5 – Haemorrhage-thoracic
6 – Hge-abdominal
7 – Hge-cranial
8 – Other
77 - Unknown
Hydrops ***[G200_HYDROPS]:*** Y / N
Polycythaemia ***[G200_POLYCYT]:*** Y / N
Transient tachypnoea (TTN) or Wet Lung ***[G200_TTN]:*** Y / N
Hyaline membrane disease (HMD) ***[G200_HMD]:*** Y / N

Severity ***[G200_HMD_SEV]:*** _____

1 – Mild
2 – Mod
3 – Sev

Pneumonia ***[G200_PNEUM]:*** Y / N

Onset ***[G200_PNEUM_ON]:*** _____

1 – Intrauterine
2 – Neonatal

Meconium aspiration [***G200_MECASP***]: Y / N

Pneumothorax [***G200_PNTHORAX***]: Y / N

Site [***G200_PNTHORNO***]:

1-Unilateral
2-Bilateral

Bronchopulmonary dysplasia (BPD) [***G200_N_BPD***]: Y / N

Patent ductus arteriosus (PDA) (only if persisting >7 days) [***G200_N_PDA***]: Y / N

Other cardiac anomaly [***G200_N_CARD***]: Y / N

Specify: _____

Hypotension [***G200_N_HYPOT***]: Y / N

Cardiac failure [***G200_N_CCF***]: Y / N

Intraventricular haemorrhage (IVH) [***G200_N_IVH***]: Y / N

Grade [***G200_IVH_SEV***]:

1 – Major
2 – Minor

Interstitial cerebral haemorrhage [***G200_N_CERHGE]***: Y / N

Hydrocephalus [***G200_HYDROC***]: Y / N

Cerebral oedema [***G200_N_CEROED***]: Y / N

Seizures [***G200_SEIZURES***]: Y / N

Age at onset [***G200_SEIZ_AGE***]: _____ d

Duration [***G200_DEIZ_DUR***]: _____ d

Type [***G200_SEIZ_TYP***]: _____

1 – Generalized
2 – Focal
3 – Both

Apnoea/Bradycardic attacks ***[G200_AP_BRADY]:*** Y / N

Until _____ days of age ***[G200_BRAD_AGE]***

Haematuria ***[G200_N_HAEMUR]:*** Y / N

Proteinuria ***[G200_N_PROTUR]:*** Y / N

Oliguria ***[G200_N_OLIG]:*** Y / N

Duration ***[G200_N_OLIG_D]:*** _____ d

Renal failure ***[G200_N_RENAL]:*** Y / N

Blood in stools ***[G200_N_STOOL]:*** Y / N

Necrotising enterocolitis ***[G200_N_NEC]:*** Y / N

Requiring surgery ***[G200_NEC_SURG]:*** Y / N

Imperforate anus ***[G200_IMPERF]:*** Y / N

Other surgical ***[G200_N_SURG]:*** Y / N

Specify: _____

Difficulty maintaining temperature [***G200_N_TEMP***]: Y / N
Abnormal coagulation function [***G200_N_COAG***]: Y / N
Retrolental fibroplasia [***G200_RETRO***]: Y / N
Other medical [***G200_N_MED***]: Y / N
Specify: _____

OTHER BLOOD TESTS

Low Ca2+ [***G200_N_CA***]: Y / N
Low Mg2+ [***G200_N_MG***]: Y / N
Na+ [***G200_N_NA***]: High / Low
K+ [***G200_N_K***]: High / Low

Umbilical artery catheter [***G200_N_UAC***]: Y / N
Duration [***G200_UAC_DUR***]: _____ d
Umbilical venous line [***N_UVC***]: Y / N
Duration [***G200_UVC_DUR***]: _____ d
Peripheral Venous line [***G200_N_IV***]: Y / N
Duration [***G200_IV_DUR***]: _____ d
Radial artery line [***G200_N_RA***]: Y / N
Duration [***G200_RA_DUR***]: _____ d

Number of Blood Transfusions [***G200_N_TRANS***]: _____

FOR THOSE BABIES IN SCN (Special Care Nursery)
Age at onset of oral feeding ***[G200_N_ORAL]:*** _____ d
Tube feeding ***[G200_N_TUBE]:*** Y / N
Duration ***[G200_TUBE_DUR]:*** _____ d
Breast milk / Formula ***[G200_TUBEMILK]***
Age at onset of self feeding ***[G200_SELFFEED]***
Breast / Expressed / Form ***[G200_MILKFEED]***

Notes:
The variable G200_SCN_INT is used as an indicator of whether the baby was admitted to the SCN.

NEONATAL DEATH ***[G200_NND]:*** Y / N
Age ***[G200_NND_AGE]:*** _____ d
Cause ***[G200_NND_R]:***
_____
_____

POSTMORTEM (NND or SB) ***[G200_POSTMORT]:*** Y / N
Findings: _____

TRANSFER TO PMH ***[G200_PMH]:*** Y / N
Age: _____ h ***[G200_PMH_AGE1]***
_____ d ***[G200_PMH_AGE2]***
Specify reason ***[G200_PMH_R]:***
_____