

Birth Cohort Study - Group B Questionnaire

Seaco, Monash

19 August, 2021

Form ID: SIHAT1-01b Form Version: Version 1.0

Variable Name: starttime

Variable Label: Timestamp of form open

Data Type: System generated

Variable Name: startdate

Variable Label: Date of form open

Data Type: System generated

Variable Name: endtime

Variable Label: Timestamp of form save

Data Type: System generated

Variable Name: enddate

Variable Label: Date of form save

Data Type: System generated

Variable Name: deviceid

Variable Label: IMEI

Data Type: System generated

Variable Name: FormVersion

Variable Label: Form ID

Data Type: System generated

Variable Name: name__interviewer

Variable Label: Interviewer's name

Data Type: string

Variable Name: date__

Variable Label: Today's date

Data Type: date

Variable Name: verbal__consent

Variable Label: Does this person agree to participate in the SIHAT Birth Cohort project?

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: ibu__nama

Variable Label: Enter the mother's FULL name

Data Type: string

Variable Name: mother__ic

Variable Label: Does the mother have a NRIC

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: mother__ic__2

Variable Label: Please scan the mother's NRIC using the IC reader.

Data Type: acknowledge

Variable Name: mother_ic_3

Variable Label: MyKAD Data

Data Type: string

Variable Name: mother_ic_4

Variable Label: Were you able to scan the mother's NRIC?

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: mother_ic_yes

Variable Label: Enter NRIC number

Data Type: string

Variable Name: mother_ic_yes.2

Variable Label: Enter NRIC number (repeat)

Data Type: string

Variable Name: mother_ic_no

Variable Label: What other identification does the mother have?

Data Type: factor (select one)

Value	Label
1	Other Malaysian government issued ID
2	Foreign passport
3	Other
4	ID missing

Variable Name: mother_ic_no_other

Variable Label: Please specify other

Data Type: string

Variable Name: id_number

Variable Label: Please enter the ID number

Data Type: string

Variable Name: ibu_dob

Variable Label: What is the mother's date of birth

Data Type: date

Variable Name: mother_contact

Variable Label: Contact number

Data Type: string

Variable Name: HouseDetails_Number

Variable Label: Type of the lot number/house number/pole number of that dwelling?

Data Type: factor (select one)

Value	Label
-7	Not applicable
1	Lot
2	Number
3	Pole number

Variable Name: HouseDetails_Number2

Variable Label: Please specify the lot number/house number/pole number of that dwelling?

Data Type: string

Variable Name: HouseDetails__Number3

Variable Label: Type of the lot number/house number/pole number of that dwelling?

Data Type: factor (select one)

Value	Label
-7	Not applicable
1	Lot
2	Number
3	Pole number

Variable Name: HouseDetails__Number4

Variable Label: Please specify the lot number/house number/pole number of that dwelling?

Data Type: string

Variable Name: HouseDetails__Street

Variable Label: Type of the street/lorong of that dwelling?

Data Type: factor (select one)

Value	Label
-7	Not applicable
1	Jalan
2	Lorong

Variable Name: HouseDetails__Street2

Variable Label: Please specify the street name/lorong of that dwelling?

Data Type: string

Variable Name: HouseDetails__Street3

Variable Label: Type of the street/lorong of that dwelling?

Data Type: factor (select one)

Value	Label
-7	Not applicable
1	Jalan
2	Lorong

Variable Name: HouseDetails__Street4

Variable Label: Please specify the street name/lorong of that dwelling?

Data Type: string

Variable Name: HouseDetails__Area

Variable Label: Type of the taman/kampung/Felda/Felcra of that dwelling?

Data Type: factor (select one)

Value	Label
-7	Not applicable
1	Taman
2	Kampung
3	Felda

Variable Name: HouseDetails__Area2

Variable Label: Please specify the taman/kampung/Felda/Felcra of that dwelling?

Data Type: string

Variable Name: HouseDetails__Area3

Variable Label: Type of the taman/kampung/Felda/Felcra of that dwelling?

Data Type: factor (select one)

Value	Label
-7	Not applicable
1	Taman
2	Kampung
3	Felda

Variable Name: HouseDetails__Area4

Variable Label: Please specify the taman/kampung/Felda/Felcra of that dwelling?

Data Type: string

Variable Name: HouseDetails__Batu

Variable Label: What batu is that dwelling along?

Data Type: string

Variable Name: HouseDetails__Mukim

Variable Label: Which mukim is that dwelling in?

Data Type: factor (select one)

Value	Label
1	Bekok
2	Chaah
3	Gemereh
4	Sg Segamat
5	Jabi
6	Other

Variable Name: HouseDetails__Mukim__other

Variable Label: Please specify other:

Data Type: string

Variable Name: consent__age

Variable Label: Is the participant (Mother) above 18 years old?

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: guardian__name

Variable Label: For participant's (Mother) under 18 years old, please state the parent's / husband's / guardian's name: (Guardian must be 21 years old and above)

Data Type: string

Variable Name: guardian_ic

Variable Label: Does the parent / husband / guardian have a NRIC?

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: guardian_ic_2

Variable Label: Please scan the parent's / husband's / guardian's NRIC using the IC reader.

Data Type: acknowledge

Variable Name: guardian_ic_3

Variable Label: MyKAD Data

Data Type: string

Variable Name: guardian_ic_4

Variable Label: Were you able to scan the parent's / husband's / guardian's NRIC?

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: guardian_ic_yes

Variable Label: Enter the parent's / husband's / guardian's NRIC number

Data Type: string

Variable Name: guardian_ic_yes.2

Variable Label: Enter NRIC number (repeat)

Data Type: string

Variable Name: guardian_ic_no

Variable Label: What other identification does the parent / husband / guardian have?

Data Type: factor (select one)

Value	Label
1	Other Malaysian government issued ID
2	Foreign passport
3	Other
4	ID missing

Variable Name: guardian_ic_no_other

Variable Label: Please specify other

Data Type: string

Variable Name: guardian_id_number

Variable Label: Please enter the ID number

Data Type: string

Variable Name: consent_above_1

Variable Label: By signing below, I agree to take part in the above study entitled SEACO SI:HAT Birth Cohort.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_above_2

Variable Label: I understand the information sheet I have read, or have had read to me.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__above__3

Variable Label: I have had the opportunity to discuss the study and ask questions, and I understand why the study is being done.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__above__4

Variable Label: I agree to be recorded on video whilst giving consent.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__above__5

Variable Label: I consent to participate in this research project voluntarily.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__above__6

Variable Label: I consent to be asked questions about my health and lifestyle, socioeconomic status, and medical history.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_above_7

Variable Label: I consent for data collectors to take my height and weight measurements.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_above_8

Variable Label: I agree to give blood, cord blood, hair and urine samples for this study. I understand that about 16ml of blood (about 2 tablespoons) will be collected from me when I am admitted to the hospital for the delivery of my baby.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_above_9

Variable Label: I agree to allow my blood, cord blood, urine, and hair samples to be tested for research. I understand that the results of these tests will not be relayed to me.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_above_10

Variable Label: I consent to the collection of information from my clinic and hospital medical records for this research.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__above__11

Variable Label: I agree to be contacted for a future follow-up data collection session for this project by SEACO.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__above__12

Variable Label: I understand that any research analysis or publication outcome will be based on anonymised data, that is, without my name, identifiable information or contact details attached.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__above__13

Variable Label: I understand that any information gathered about me and the blood, hair and urine samples I provide will be kept confidential, and stored anonymously and securely in the SEACO database for future research studies.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_above_14

Variable Label: I understand that future studies using my anonymised information or stored samples may be undertaken by other research institutions in Malaysia or other countries. I understand that the results of these future studies are unlikely to have any implications for me personally, and that I will not benefit financially if this research leads to the development of a new treatment or medical test.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_above_15

Variable Label: I agree to genetic analysis of my samples, including DNA sequencing, information from which will not be relayed to me. I understand that the deidentified genetic information will be made available, including via public databases of anonymised information for future analyses.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_above_16

Variable Label: I understand that I am free to withdraw my participation from this project at any time, or, I may refuse to participate in any one or more parts of this project, without giving a reason and without this affecting my medical care or legal rights in any way.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consented_initial_1

Variable Label: NULL

Data Type: unknown (calculate)

Variable Name: consent_above_17

Variable Label: \${ibu_nama}'s signature

Data Type: image

Variable Name: consent_above_18

Variable Label: Record the participant on video saying: I \${ibu_nama} from ADDRESS agree to participate in this SEACO SI:HAT Birth Cohort research study.

Data Type: video

Variable Name: consented_1

Variable Label: NULL

Data Type: unknown (calculate)

Variable Name: consent_below_1

Variable Label: By signing below, I agree to allow my child / wife / ward *, (NAME of participant), to take part in the above study entitled SEACO SI:HAT Birth Cohort.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_below_2

Variable Label: I understand the information sheet I have read, or have had read to me.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__3

Variable Label: I have had the opportunity to discuss the study and ask questions, and I understand why the study is being done.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__4

Variable Label: I agree to be recorded on video whilst giving consent.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__5

Variable Label: I consent to my child's / wife's / ward's * participation in this research project voluntarily.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__6

Variable Label: I consent to my child / wife / ward * being asked questions about her health and lifestyle, socioeconomic status, and medical history.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__7

Variable Label: I consent for data collectors to take my child's / wife's / ward's * height and weight measurements.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__8

Variable Label: I agree for my child / wife / ward * to give blood, cord blood, hair and urine samples for this study. I understand that about 16ml of blood (about 2 tablespoons) will be collected from her when she is admitted to the hospital for the delivery of her baby.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__9

Variable Label: I agree to allow my child's / wife's / ward's * blood, cord blood, urine, and hair samples to be tested for research. I understand that the results of these tests will not be relayed to me or my child / wife / ward *.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__10

Variable Label: I consent to the collection of information from my child's / wife's / ward's * clinic and hospital medical records for this research.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Value	Label
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Variable Name: consent__below__11

Variable Label: I agree for my child / wife / ward * to be contacted for a future follow-up data collection session for this project by SEACO.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__12

Variable Label: I understand that any research analysis or publication outcome will be based on anonymised data, that is, without my child's / wife's / ward's * name, identifiable information or contact details attached.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__13

Variable Label: I understand that any information gathered about my child / wife / ward * and the blood, hair and urine samples she provides will be kept confidential, and stored anonymously and securely in the SEACO database for future research studies.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__14

Variable Label: I understand that future studies using my child's / wife's / ward's * anonymised information or stored samples may be undertaken by other research institutions in Malaysia or other countries. I understand that the results of these future studies are unlikely to have any implications for my child / wife / ward

* personally, and that my child / wife / ward * will not benefit financially if this research leads to the development of a new treatment or medical test.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__15

Variable Label: I agree to genetic analysis of my child's / wife's / ward's * samples, including DNA sequencing, information from which will not be relayed to me or my child / wife / ward *. I understand that the deidentified genetic information will be made available, including via public databases of anonymised information for future analyses.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__below__16

Variable Label: I understand that I am free to withdraw my child's / wife's / ward's * participation from this project at any time, or, I may refuse to allow my child / wife / ward * to participate in any one or more parts of this project, without giving a reason and without this affecting my child's / wife's / ward's * medical care or legal rights in any way.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consented__initial__2

Variable Label: NULL

Data Type: unknown (calculate)

Variable Name: consent_below_17

Variable Label: \${guardian_name}'s signature

Data Type: image

Variable Name: consent_below_18

Variable Label: Record the participant on video saying: I \${guardian_name} from ADDRESS agree to allow my daughter / wife / ward to participate in this SEACO SI:HAT Birth Cohort research study.

Data Type: video

Variable Name: consented_2

Variable Label: NULL

Data Type: unknown (calculate)

Variable Name: consent_infant_1

Variable Label: By signing below, I agree to allow my child / grandchild / ward * to take part in the above study entitled SEACO SI:HAT Birth Cohort.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_infant_2

Variable Label: I understand the information sheet I have read, or have had read to me.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__infant__3

Variable Label: I have had the opportunity to discuss the study and ask questions, and I understand why the study is being done.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__infant__4

Variable Label: I agree to be recorded on video whilst giving consent.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__infant__5

Variable Label: I consent voluntarily to my child / grandchild / ward * participating in this study.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__infant__6

Variable Label: I consent to be asked questions about my child's / grandchild's / ward's * health, wellbeing, and medical history.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__infant__7

Variable Label: I consent for data collectors to take my child's / grandchild's / ward's * body measurements for this study: my child's / grandchild's / ward's * length and weight; head, chest, and mid-upper arm circumferences; and skinfold thickness measurements at my child's / grandchild's / ward's * mid-upper arm, back (below the shoulder), and waist.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__infant__8

Variable Label: I agree to allow for my child's / grandchild's / ward's * cord blood sample, and hair and urine samples to be collected for this study.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__infant__9

Variable Label: I agree to allow the cord blood sample, and my child's / grandchild's / ward's * hair and urine samples, to be tested for research. I understand that the results of these tests will not be relayed to me or my child / grandchild / ward *.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__infant__10

Variable Label: I consent to the collection of information from my child's / grandchild's / ward's * clinic and hospital medical records for this research.

Data Type: factor (select one)

Value	Label
1	Yes

Value	Label
2	No

Variable Name: consent__infant__11

Variable Label: I agree to be contacted for a future follow-up data collection session for this project by SEACO.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__infant__12

Variable Label: I understand that any research analysis or publication outcome will be based on anonymised data, that is, without me or my child's / grandchild's / ward's * name, identifiable information or contact details attached.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent__infant__13

Variable Label: I understand that any information gathered about my child / grandchild / ward *and the samples provided will be kept confidential, and stored anonymously and securely in the SEACO database for future research studies.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_infant_14

Variable Label: I understand that future studies using my child's / grandchild's / ward's * anonymised information or stored samples may be undertaken by other research institutions in Malaysia or other countries. I understand that the results of these future studies are unlikely to have any implications for my child / grandchild / ward * personally, and that my child / grandchild / ward * will not benefit financially if this research leads to the development of a new treatment or medical test.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_infant_15

Variable Label: I agree to genetic analysis of my child's / grandchild's / ward's * samples, including DNA sequencing, information from which will not be relayed to me or my child / grandchild / ward *. I understand that the deidentified genetic information will be made available, including via public databases of anonymised information for future analyses.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consent_infant_16

Variable Label: I understand that I am free to withdraw my child's / grandchild's / ward's * participation from this project at any time, or, I may refuse to let my child / grandchild / ward * participate in any one or more parts of this project, without giving a reason and without this affecting my child's / grandchild's / ward's * medical care or legal rights in any way.

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: consented_initial_3

Variable Label: NULL

Data Type: unknown (calculate)

Variable Name: consent__infant__17

Variable Label: Mother/guardian's signature

Data Type: image

Variable Name: consent__infant__18

Variable Label: Record the participant on video saying: I mother/guardian from ADDRESS agree to allow my child / grandchild / ward / to participate in this SEACO SI:HAT Birth Cohort research study.

Data Type: video

Variable Name: consented__3

Variable Label: NULL

Data Type: unknown (calculate)

Variable Name: proceed

Variable Label: Were you able to collect data from the participant at the hospital?

Data Type: factor (select one)

Value	Label
1	Yes
2	No (Reject)
3	No (Missed)

Variable Name: biosamples__B1__blood

Variable Label: Maternal blood

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: outcomes__B1__1

Variable Label: Was the participant diagnosed with gestational diabetes in this pregnancy?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: outcomes__B1__2__a

Variable Label: Was the participant diagnosed with pre-eclampsia in this pregnancy?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: fetuses__B1__number

Variable Label: Please state total number of fetuses:

Data Type: integer

Variable Name: fetuses__B1__placentas

Variable Label: Please state total number of placentas

Data Type: integer

Variable Name: fetuses__B1__samples

Variable Label: Please state total number of cord blood samples collected

Data Type: integer

Variable Name: form__fetus

Variable Label: Begin form for each fetus/baby:

Data Type: acknowledge

Variable Name: general_B1_1

Variable Label: Date of delivery:

Data Type: date

Variable Name: general_B1_2a

Variable Label: How many weeks:

Data Type: integer

Variable Name: general_B1_2b

Variable Label: And how many days:

Data Type: integer

Variable Name: biosamples_B1_cord

Variable Label: Cord blood

Data Type: factor (select one)

Value	Label
1	Yes
2	No

Variable Name: measure_placenta_B1_1

Variable Label: Placental weight (grams)

Data Type: integer

Variable Name: measure_infant_B1_1a

Variable Label: Infant's birth weight (gm)

Data Type: decimal

Variable Name: measure__infant__B1__2a

Variable Label: Infant's length (crown-heel) (cm)

Data Type: decimal

Variable Name: measure__infant__B1__3a

Variable Label: Infant's head circumference (cm)

Data Type: decimal

Variable Name: measure__infant__B1__3b

Variable Label: Infant's head circumference (cm)

Data Type: decimal

Variable Name: measure__infant__B1__3c

Variable Label: Infant's head circumference (cm)

Data Type: decimal

Variable Name: measure__infant__B1__4a

Variable Label: Infant's chest circumference (cm)

Data Type: decimal

Variable Name: measure__infant__B1__4b

Variable Label: Infant's chest circumference (cm)

Data Type: decimal

Variable Name: measure__infant__B1__4c

Variable Label: Infant's chest circumference (cm)

Data Type: decimal

Variable Name: measure__infant__B1__5a

Variable Label: Infant's mid-upper arm circumference (cm)

Data Type: decimal

Variable Name: measure__infant__B1__5b

Variable Label: Infant's mid-upper arm circumference (cm)

Data Type: decimal

Variable Name: measure__infant__B1__5c

Variable Label: Infant's mid-upper arm circumference (cm)

Data Type: decimal

Variable Name: measure__infant__B1__6a

Variable Label: Infant's biceps skinfold (mm)

Data Type: decimal

Variable Name: measure__infant__B1__6b

Variable Label: Infant's biceps skinfold (mm)

Data Type: decimal

Variable Name: measure__infant__B1__6c

Variable Label: Infant's biceps skinfold (mm)

Data Type: decimal

Variable Name: measure__infant__B1__7a

Variable Label: Infant's triceps skinfold (mm)

Data Type: decimal

Variable Name: measure__infant__B1__7b

Variable Label: Infant's triceps skinfold (mm)

Data Type: decimal

Variable Name: measure__infant__B1__7c

Variable Label: Infant's triceps skinfold (mm)

Data Type: decimal

Variable Name: measure__infant__B1__8a

Variable Label: Infant's subscapular skinfold (mm)

Data Type: decimal

Variable Name: measure__infant__B1__8b

Variable Label: Infant's subscapular skinfold (mm)

Data Type: decimal

Variable Name: measure__infant__B1__8c

Variable Label: Infant's subscapular skinfold (mm)

Data Type: decimal

Variable Name: measure__infant__B1__9a

Variable Label: Infant's suprailiac skinfold (mm)

Data Type: decimal

Variable Name: measure__infant__B1__9b

Variable Label: Infant's suprailiac skinfold (mm)

Data Type: decimal

Variable Name: measure_infant_B1_9c

Variable Label: Infant's suprailiac skinfold (mm)

Data Type: decimal

Variable Name: delivery_B1_1

Variable Label: Labour

Data Type: factor (select one)

Value	Label
-8	NK
-7	NA
1	No labour
2	Spontaneous
3	Induced

Variable Name: delivery_B1_2

Variable Label: If induced, give indication for induction:

Data Type: string

Variable Name: delivery_B1_3a

Variable Label: Presentation prior to the onset of labour

Data Type: factor (select one)

Value	Label
-8	NK
1	Cephalic (anterior/posterior)
2	Breech
3	Shoulder
4	Other, please specify: _____

Variable Name: delivery_B1_3a_other

Variable Label: If other, please specify:

Data Type: string

Variable Name: delivery__B1__3b

Variable Label: Lie prior to the onset of labour

Data Type: factor (select one)

Value	Label
-8	NK
1	Longitudinal
2	Transverse
3	Oblique
4	Other, please specify: _____

Variable Name: delivery__B1__3b__other

Variable Label: If other, please specify:

Data Type: string

Variable Name: delivery__B1__4

Variable Label: Type of delivery

Data Type: factor (select one)

Value	Label
-8	N/K
1	Spontaneous vaginal delivery
2	Ventouse (vacuum-assisted)
3	Forceps
4	Assisted breech
5	Primary (first) caesarean section
6	Repeat caesarean section

Variable Name: delivery__B1__5

Variable Label: If caesarean section, give type

Data Type: factor (select one)

Value	Label
-8	N/K
1	Pre-labour or planned / elective (even if spontaneous onset of labour)
2	In labour / intrapartum or emergency (whether or not in labour)

Variable Name: delivery__B1__6

Variable Label: Main indicaton for caesarean section

Data Type: factor (select one)

Value	Label
-8	N/K
1	Fetal distress
2	Abnormal labour progress
3	Malpresentation
4	Pre-term labour
5	Failed instrumentation
6	Failed induction (IOL)
7	Amniotic fluid abnormalities
8	Cord prolapse / presentation
9	Macrosomia
10	IUGR
11	Placental factor
12	Heart disease
13	Hypertensive disorders
14	Retroviral disease
15	Chorioamnionitis
16	Multiple pregnancy
17	Previous uterine surgery
18	Maternal request
19	Others, specify: _____

Variable Name: delivery__B1__6__other

Variable Label: If other, please specify:

Data Type: string

Variable Name: delivery__B1__7

Variable Label: Give two subsidiary indications for caesarean section, if applicable:

Data Type: factor (select multiple)

Value	Label
-8	N/K
-7	N/A
1	Fetal distress
2	Abnormal labour progress
3	Malpresentation
4	Pre-term labour
5	Failed instrumentation
6	Failed induction (IOL)

Value	Label
7	Amniotic fluid abnormalities
8	Cord prolapse / presentation
9	Macrosomia
10	IUGR
11	Placental factor
12	Heart disease
13	Hypertensive disorders
14	Retroviral disease
15	Chorioamnionitis
16	Multiple pregnancy
17	Previous uterine surgery
18	Maternal request
19	Others, specify: _____

Variable Name: delivery__B1__7__other

Variable Label: If other, please specify:

Data Type: string

Variable Name: delivery__B1__8a.1

Variable Label: How many hours:

Data Type: integer

Variable Name: delivery__B1__8a.2

Variable Label: And how many minutes:

Data Type: integer

Variable Name: delivery__B1__8b.1

Variable Label: How many hours:

Data Type: integer

Variable Name: delivery__B1__8b.2

Variable Label: And how many minutes:

Data Type: integer

Variable Name: delivery__B1__8c.1

Variable Label: How many hours:

Data Type: integer

Variable Name: delivery__B1__8c.2

Variable Label: And how many minutes:

Data Type: integer

Variable Name: delivery__B1__8d.1

Variable Label: How many hours:

Data Type: integer

Variable Name: delivery__B1__8d.2

Variable Label: And how many minutes:

Data Type: integer

Variable Name: delivery__B1__9

Variable Label: Was there any evidence of shoulder dystocia? (e.g. McRoberts position, suprapubic position)

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: Trigger__5

Variable Label: Neonatal Data

Data Type: acknowledge

Variable Name: neonatal_B1_1

Variable Label: Infant status at delivery

Data Type: factor (select one)

Value	Label
1	Live birth
2	Antepartum fetal death
3	Intrapartum fetal death

Variable Name: neonatal_B1_2

Variable Label: Gender

Data Type: factor (select one)

Value	Label
-7	NA
1	Male
2	Female
3	Ambiguous

Variable Name: neonatal_B1_3a

Variable Label: Apgar at 1 minute

Data Type: integer

Variable Name: neonatal_B1_3b

Variable Label: Apgar at 5 minutes

Data Type: integer

Variable Name: neonatal_B1_4

Variable Label: Any notation of shoulder dystocia or shoulder difficulty at neonatal exam?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: neonatal_B1_5

Variable Label: Any notation of birth injury or birth trauma (nerve palsy / bone fracture)?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: neonatal_B1_5__yes

Variable Label: If yes, please give details of birth injury/trauma:

Data Type: string

Variable Name: neonatal_B1_6

Variable Label: Admitted to neonatal unit?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: neonatal_B1_6__datetime

Variable Label: If yes, please state date and time of admission to neonatal unit:

Data Type: dateTime

Variable Name: neonatal_B1_7

Variable Label: Intensive care provided in neonatal unit (level 1)?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: neonatal_B1_7_duration.1

Variable Label: How many days:

Data Type: integer

Variable Name: neonatal_B1_7_duration.2

Variable Label: And how many hours:

Data Type: integer

Variable Name: neonatal_B1_8

Variable Label: High dependency care provided in neonatal unit (level 2)?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: neonatal_B1_8_duration.1

Variable Label: How many days:

Data Type: integer

Variable Name: neonatal_B1_8_duration.2

Variable Label: And how many hours:

Data Type: integer

Variable Name: neonatal_B1_9

Variable Label: Special care provided in neonatal unit (level 3)?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: neonatal_B1_9_duration.1

Variable Label: How many days:

Data Type: integer

Variable Name: neonatal_B1_9_duration.2

Variable Label: And how many hours:

Data Type: integer

Variable Name: neonatal_B1_10

Variable Label: Give main reason for admission to Neonatal care:

Data Type: string

Variable Name: neonatal_B1_11

Variable Label: List other reasons for admission to neonatal intensive care:

Data Type: string

Variable Name: neonatal_B1_12

Variable Label: Was there a clinical diagnosis of neonatal hypoglycaemia?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A

Value	Label
1	Yes
2	No

Variable Name: neonatal_B1_13

Variable Label: Were there symptoms associated with hypoglycemia?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: neonatal_B1_13_state

Variable Label: If yes, state the symptoms associated with hypoglycemia:

Data Type: string

Variable Name: neonatal_B1_14

Variable Label: What was the lowest bedside blood glucose reading recorded? __ __ . __ mmol/l

Data Type: string

Variable Name: neonatal_B1_14_date

Variable Label: Please state the DATE (lowest bedside glucose level):

Data Type: string

Variable Name: neonatal_B1_14_time

Variable Label: Please state the TIME (lowest bedside glucose level):

Data Type: string

Variable Name: neonatal_B1_15

Variable Label: What was the lowest laboratory blood glucose reading recorded? __ __ . __ mmol/l

Data Type: string

Variable Name: neonatal_B1_15_date

Variable Label: Please state the DATE (lowest laboratory glucose level):

Data Type: string

Variable Name: neonatal_B1_15_time

Variable Label: Please state the TIME (lowest laboratory glucose level):

Data Type: string

Variable Name: neonatal_B1_16

Variable Label: Was the infant given glucose infusion for hypoglycemia?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: neonatal_B1_16_type

Variable Label: If yes, state the type(s) of infusion:

Data Type: string

Variable Name: neonatal_B1_17

Variable Label: Did the infant have convulsions in association with the hypoglycemia?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A

Value	Label
1	Yes
2	No

Variable Name: neonatal_B1_18

Variable Label: Any notation of fetal malformation?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: neonatal_B1_19

Variable Label: If yes, were there any major malformations (fatal/potentially life threatening or likely to lead to major handicap, likely to lead to major cosmetic defect, or requires major surgery to repair)?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: neonatal_B1_19_describe

Variable Label: If yes, please describe:

Data Type: string

Variable Name: neonatal_B1_20

Variable Label: Hyperbilirubinaemia (>171mmol/l if delivered before 37 weeks or > 256 mmol/l if delivered after 37 weeks)?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: neonatal_B1_20a

Variable Label: If yes, phototherapy?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: neonatal_B1_20b

Variable Label: If yes, exchange transfusion?

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Yes
2	No

Variable Name: neonatal_B1_21

Variable Label: Duration of hospital stay:

Data Type: integer

Variable Name: measure_mother_B1_1

Variable Label: Last weight recorded before delivery (kg) - Mother

Data Type: string

Variable Name: measure__mother__B1__2

Variable Label: What date was the last weight before delivery taken:

Data Type: string

Variable Name: measure__mother__B1__3

Variable Label: Mother's weight after delivery (kg)

Data Type: string

Variable Name: measure__mother__B1__4

Variable Label: Mother's height (cm)

Data Type: string

Variable Name: outcomes__B1__2

Variable Label: Date mother was admitted to hospital

Data Type: date

Variable Name: outcomes__B1__3

Variable Label: Date mother was discharged from hospital

Data Type: date

Variable Name: outcomes__B1__4

Variable Label: Total number of days mother was in hospital for delivery admission

Data Type: integer

Variable Name: gdm__B1__1

Variable Label: Date of diagnosis

Data Type: string

Variable Name: gdm__B1__2

Variable Label: Gestational age at diagnosis (__ weeks):

Data Type: integer

Variable Name: gdm__B1__3

Variable Label: Which of the following tests were performed (select all that apply):

Data Type: factor (select multiple)

Value	Label
-8	NK
1	Random plasma glucose
2	Fasting plasma glucose
3	MOGTT (modified oral glucose tolerance test)
4	No tests were done

Variable Name: gdm__B1__3a

Variable Label: Please state the latest recorded RANDOM plasma glucose reading:

Data Type: string

Variable Name: gdm__B1__3b

Variable Label: Please state the latest recorded FASTING plasma glucose reading:

Data Type: string

Variable Name: gdm__B1__3c

Variable Label: Please state the latest MOGTT result at 0-hour:

Data Type: string

Variable Name: gdm__B1__3d

Variable Label: Please state the latest MOGTT result at 2-hour:

Data Type: string

Variable Name: gdm_B1_4

Variable Label: Current treatment regime (on day prior to delivery)

Data Type: factor (select one)

Value	Label
-8	N/K
-7	N/A
1	Diet
2	Oral medication
3	Insulin
4	Oral medication & insulin

Variable Name: gdm_B1_5a

Variable Label: Was insulin given on the day prior to delivery?

Data Type: factor (select one)

Value	Label
-8	Not known
-7	Not applicable
1	Yes, only 1 type of insulin.
2	Yes, more than 1 type of insulin.
3	No

Variable Name: gdm_B1_5b

Variable Label: Only 1 type of insulin: Total insulin dose per day (on day prior to delivery) ____ units/day:

Data Type: integer

Variable Name: gdm_B1_5c

Variable Label: More than 1 type of insulin: Total insulin dose per day (on day prior to delivery), please describe:

Data Type: string

Variable Name: gdm_B1_6

Variable Label: Number of insulin injections per day (on day prior to delivery) ____ injections/day:

Data Type: integer

Variable Name: gdm_B1_7

Variable Label: Was the patient prescribed oral medication for diabetes control?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: gdm_B1_8

Variable Label: If yes, what is the name of the medication that was prescribed?

Data Type: string

Variable Name: gdm_B1_8a

Variable Label: Please state the dose that was prescribed:

Data Type: string

Variable Name: gdm_B1_8b

Variable Label: Please state the date that the medication was started:

Data Type: string

Variable Name: gdm_B1_9

Variable Label: Was the patient prescribed insulin for diabetes control?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: gdm_B1_9_date

Variable Label: If yes, please state the date that insulin was started:

Data Type: string

Variable Name: gdm_B1_10

Variable Label: Did the patient have severe hypoglycaemia?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: gdm_B1_11

Variable Label: Seen by dietician during pregnancy?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: Trigger_4

Variable Label: Maternal outcomes: Pre-eclampsia Form

Data Type: acknowledge

Variable Name: pe_B1_0

Variable Label: Date of diagnosis

Data Type: string

Variable Name: pe_B1_1

Variable Label: Did the patient develop gestational hypertension (any clinical diagnosis of pregnancy-induced hypertension / gestational hypertension)? Either: (i) Systolic BP = 140 mmHg, or, Diastolic BP = 90 mm/Hg [occurring on two occasions at least 4 hours apart] or (ii) one DBP reading = 110 mm/Hg [occurring after 20 weeks gestation or within 6 months post partum]

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: pe_B1_2

Variable Label: Did the patient have proteinuria concurrently with gestational hypertension?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: pe_B1_3a

Variable Label: a. Did the patient have a urine protein dipstick result 1+ (or doubling if 1+ at booking)?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: pe_B1_3b

Variable Label: b. Urine protein result 300mg (0.3g/24h)?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes

Value	Label
2	No

Variable Name: **pe_B1_4**

Variable Label: Any report or notation of urine output < 500 ml /24 hours?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: **pe_B1_4_date**

Variable Label: If yes, please state the date:

Data Type: date

Variable Name: **pe_B1_5**

Variable Label: Any report of seizures?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: **pe_B1_5_date**

Variable Label: If yes, please state the date:

Data Type: date

Variable Name: **pe_B1_6**

Variable Label: Any report of pulmonary oedema?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: pe_B1_6_date

Variable Label: If yes, please state the date:

Data Type: date

Variable Name: pe_B1_7

Variable Label: Any report of HELLP syndrome?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: pe_B1_7_date

Variable Label: If yes, please state the date:

Data Type: date

Variable Name: pe_B1_8

Variable Label: Any report of epigastric pain associated with pre-eclampsia / eclampsia?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: pe_B1_8_date

Variable Label: If yes, please state the date:

Data Type: date

Variable Name: pe_B1_9

Variable Label: Any report of blurred vision associated with pre-eclampsia / eclampsia?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: pe_B1_9_date

Variable Label: If yes, please state the date:

Data Type: date

Variable Name: pe_B1_10

Variable Label: Any report of headache associated with pre-eclampsia / eclampsia?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: pe_B1_10_date

Variable Label: If yes, please state the date:

Data Type: date

Variable Name: pe_B1_11

Variable Label: Placental abruption

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: pe_B1_11_date

Variable Label: If yes, please state the date:

Data Type: date

Variable Name: pe_B1_13

Variable Label: Magnesium sulphate administered (anticonvulsant)

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: pe_B1_13_date

Variable Label: If yes, please state the date:

Data Type: date

Variable Name: pe_B1_14

Variable Label: Any other significant maternal complications?

Data Type: factor (select one)

Value	Label
-8	Do not know
1	Yes
2	No

Variable Name: pe_B1_14_specify

Variable Label: If yes, please specify:

Data Type: string

Variable Name: pe_B1_14_date

Variable Label: If yes, please state the date:

Data Type: date

Variable Name: barcode_scan

Variable Label: Scan the participant's barcode label

Data Type: string

Variable Name: field_notes_B1

Variable Label: Field notes

Data Type: string

Variable Name: Trigger_6

Variable Label: Part 1 completed: *Save the form* and close

Data Type: acknowledge