

Association between first birth caesarean delivery and adverse maternal-perinatal outcomes in the second pregnancy: a registry-based study in Northern Tanzania

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1 Basic information concerning mother

1.1 Mother's date of birth: Age: - * Mother's name:

1.4 Hospital number: 1.3 Address:

1.6 Birth number: 1.5 Date of interview:

1.8 Date of admission: 1.7 Interview by:

Referred for delivery: Yes if yes: zzz Referred from: 1 Home Referred during labour: 1 Admitted in labour
 No (Set referral) z Regional hospital 2 Admitted before labour

Reason for referral: 3 District hospital 4 Other, specify:

1.9 Official date of discharge: 1.10 Date leaving hospital:

1.11 Current residence: 1 Rural 2 Urban 3 Semi urban
 1.12 Mother's childhood residence: Rural 2 Urban 3 Semi urban

Area of mother's residence: Area of mother's childhood residence:

1.13 Highest educational level: None 2 Primary (1-7) 3 Secondary (8-11) 4 Higher (12+)
 1.14 Current occupation: 1 Housewife 2 Farmer 3 Service 4 Business 5 Professional 6 Student 7 Others =>

1.15 Current marital status: Married Age at first marriage:
 z Single 3 Widowed 4 Remarried 5 Divorced
 6 Polygamous family Add wife number:

1.16 Regular menstrual periods: Yes Age at menarche:
 z No

1.17 Genital mutilation {C/r/com/s/on}: 1 Yes If yes, at age: If yes, type: Type one
 z No 2 Type two * Type three 4 Other types

1.18 Mother's tribe: 01 Chagga 2 Pare 03 Masai 4 Other

1.19 Religion: 1 Catholic 2 Protestant 3 Muslim 4 Others =>

2 Questions concerning the father of the child:

2.1 Father's name: *- * Father's age:

2.3 Current occupation of father: z1 Farmer 06 Official 0z Business cz Professional 33 Skilled worker 06 Student 09 Unemployed 4 Unskilled worker 10 Other II as Service

2.4 Father's educational level: 1 None z Primary (1-7) Secondary (8-11) 4 Higher (12+)

2.5 Father's tribe: 1 Chagga 2 Pare z Masai 4 Others =>

3 Questions concerning home conditions:

3.1 Source of drinking water: 1 Tap water 2 Well 3 River 4 Spring

3.2 Distance to water, if not tap: 1 Less than 1 km (less than 1 hour walk) z More than 1 km, specify in km:

3.4 Type of toilet: Pit latrine

4 Mothers health before and during present pregnancy

4.1 Body weight (kg): (before pregnancy)

4.2 Body height (cm):

4.3 Blood transfusions: 1 Yes 2 No

4.4 Serious diseases: 01 Diabetes 02 Hypertension 03 Heart diseases 04 Epilepsy 05 Malaria 06 Anaemia 07 Gynaecological disease 08 Liver disease (jaundice) 09 Kidney disease 10 Lung disease

4.5 Have you ever practised family planning: 1 Yes 2 No

If yes, what kind of prevention: 01 Pills 02 Injections 03 IUD 04 Condoms 05 Implant 06 Lactation 07 Withdrawal 08 Natural 09 Abstinence 10 Traditional 11 Other specify

4.6 Antenatal care in this pregnancy: 1 Yes 2 No

Number of visits:

First medical appointment date:

If date unknown, estimate first appointment: 1 0-12. week of gestation 2 13-20. week 3 21-30. week 4 After 31. week

4.7 L.M.P.:

4.8 Ultrasound: 1 Yes 2 No

4.9 E.D.D. Based on clinical estimate:

4M0 Do you smoke? 1 Yes 2 No

If yes: how many cigarettes per day:

Smoking during this pregnancy: 1 Yes 2 @0

Chewing tobacco: 1 Yes 2 No

Chewing tobacco during this pregnancy: 1 Yes 2 No

11 Do you drink alcoholic beverages? 1 Yes 2 No

If yes: 1 Every day 2 More than once a week 3 Once a week 4 Occasionally

Did you also drink alcoholic beverages during this pregnancy? 1 Yes 2 No

If yes: 1 Every day 2 More than once a week 3 Once a week 4 Occasionally

4.12 Drugs on regular basis? 1 Yes W 2 No

Did you take any drugs at time of conception or during first trimester: 1 Modern 2 Traditional 1 Yes W 2 No

Did you take any drugs during this pregnancy: 1 Yes 2 No

If yes, specify: 1 Modern 2 Traditional 1 Yes 2 No

Drugs for infertility: 1 Yes 2 No

4.15 Blood group (Ab0)

Rh: 1 Yes 2 No

Anti-D in previous pregnancies: 1 Yes 2 No

VDRL status: 1 Positive 2 Negative 3 Unknown

Hb:

Hb measurement done: 1 On Admission 2 Last visit to ANC 3 Unknown

• HIV test recorded: 1 Yes 2 No

If yes, result: 1 Negative 2 Positive

Treatment during this pregnancy: 1 Yes 2 No

4.16 Diseases and complications during present pregnancy, including accidents: 1 Yes (specify below) 2 No

01 Gestational diabetes 02 Diabetes 03 Hypertension 04 Preeclampsia, mild 05 Preeclampsia, severe 06 Eclampsia 07 Epilepsy 08 Bleeding or Anaemia 09 Hyperemesis 10 Malaria 11 Jaundice 12 Schistosomiasis 13 Gynaecological disease 14 Tromboembolic disease 15 Heart disease 16 Tuberculosis 17 Lung disease 18 Infections, specify 19 Others, specify

f1 Questions concerning the delivery

5.1 At birth 1 Single birth If multiple, add Weight on admission: 5.2 Complications during delivery 1 PROM
 2 Multiple births ^{MO.} of children: 2 Bleeding > 500mi
 3 3-4. degree tear
 4 Abruption of placenta
 5 Placenta previa
 6 Other complications

5.3 Induction of labour 1 Yes If yes: 1 Amniotomy 5.4 Others 1 Episiotomy
 2 No 2 Oxytocin 2 Symphysiotomy
 Prostaglandin

5.5 Analgesia: 1 Yes Specify type other type of complication
 2 No s.s Blood Loss (ml)

5.6 Anaesthesia: 1 General Cause of death:
 2 Spinal/Epidural s.9 Mother's health after delivery 1 Good Perot mairtem: 1 Yes
 2 Fair 1 No
 3 Bad 2 No
 4 Maternal cleath

5.7 Gestational age at birth clinical estimate

6 Status of 1. child (Always fill inn)

6.1 Date of delivery

6.2 Time of delivery

6.3 Sex 1 Male 6.4 Birth weight (Gram)
 2 Female
 3 Unknown, unspec. 6.5 Length (cm) 6.6 Head circum

6.7 Presentation: 1 Cephalic 6.8 Status 1 Live born
 2 Breech 2 Live born transferred to paediatrics dept
 3 Transverse * Stillborn of oo
 4 Other 4 Neonatal death

6.9 If stillborn: 1 Dead before labour If stillborn, also specify: And: Post mortem:
 2 Dead during labour 1 Dead before admission 1 Fresh 1 Yes
 3 Unknown, unspec. 2 Dead after admission 2 Macerated 2 No

6.10 Apgar 1 min 5 min 10 min If neonatal death: 1 Died within first 24 hours Date
 2 Died within first week

6.11 Mode of delivery: 1 Spontaneous 2 CS elective Indication when Caesarean section:
 3 Vacuum, vaginal 3 CS others
 4 Forceps, vaginal 4 Assisted breech 5 Destructive operative
6.1z Failed intervention 1 Vacuum
 2 Forceps

6.13 Does the child have any of these conditions? 1 Birth defects
 2 Injuries
 3 Diseases
 4 HIV Positive

Status on 2x child (For multiple births - not for singletons, if more than twins add extra copy of this page)

< 1 Date of delivery

> 2 Time of delivery

6.7 Presentation: 1 Cephalic s.s 3t t 1 Live born
 2 Breech 2 Live born transferred to paediatrics dept
 3 Transverse * Stillborn of oo
 4 Other * Neonatal death

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7 Previous pregnancies including abortions in chronological order

CA	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
bfs.no	Year	Outcome	Months	Birth weight	Sex	Lactation months	Delivery where	Attended by	Mode	ANC	Alive/Death	Cause of death	Age
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
C1	C2	C3	C4	C5	C6*	C7	C8	C9	C10	C11	C12	C13	C14

- C1 Pregnancy number
- C2 Year of pregnancy. (Birth or other termination) PP: Present pregnancy
- C3 Outcome of pregnancy. (L) Live born, (S) Stillborn, (A) Spontaneous abortion, (I) Induced abortion (E) Ectopic. (M) Molar, (T) Twins or other multiples", (0) Other
- C4 Months of gestation at birth or other termination.
- C5 Birth weight in grams
- C6 Sex: (M) Male, (F) Female, (U) Unknown
- C7 Lactation: In months
- C8 Delivered where (1) At home, (2) At hospital, (3) At health post, (4) During transport, (5) Other / unknown
- C9 Attended by whom: (R) Relative, (N) Nurse, (M) Midwife, (D) Doctor, (T) Traditional birth attendant
- C10 Mode (S) Spontaneous, (V) Vacuum, (F) Forceps, (C) Cesarean section, (B) Breech, (0) Other, (9) Unknown
- C11 Antenatal care: (Y) Yes, (N) No
- C12 Child's current status: (A) Alive, (D) Dead
- C13 Cause of death: Specify
- C14 Age: (1) Less than one week, (2) Less than one month, (3) Less than one year, (4) More than one year

* Multiple births (TwinS, Triples ...) are filled in on subsequent lines