

BSID:

DSID:

Name of the deceased:

DOB of Deceased:

DOD:

Sex:

Residency:

Date of interview:

Interviewer's name:

Informant's name: (relationship:

Did you care for the deceased before death?

If no, were you present during the illness?

Tick relationship of the informant to the deceased

| | | |
|------------------|---------------|--------------------|
| Spouse | Grandchild | Grandparent |
| Child | Parent | Sibling |
| Son- in-law | Father-in-law | Other relative |
| Daughter-in -law | Mother-in-law | Other non relative |

BIO-MEDICAL PART.

SOCIAL PART

| Places or persons for care in temporal order |
|--|
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| 6 |
| 7 |

Chapter 1: Identification & Disease history

Section 1: Identification and circumstances of death.

1. Surname of deceased _____
2. First Name(s) _____
3. Bounded structure ID _____
4. Date of Birth _____
Y Y Y Y M M D D
5. Date of Death _____
Y Y Y Y M M D D
6. Place of death home ☐ hospital ☐
clinic ☐ other ☐
7. Age _____ Hours ☐ Days ☐ Months ☐ Years ☐
8. Sex Female ☐
Male ☐
9. Occupation of deceased _____
10. Years of formal education _____
11. For how long was s/he ill before s/he died?
_____ Days ☐ Months ☐ Years ☐
12. Do you know the cause of his/her death? Yes ☐
No ☐ → Go to q.15
13. What was the cause of death according to you?
_____ NA ☐
14. Who gave you information about the cause of death?
Nobody ☐ Nurse ☐ Private GP ☐ NA ☐
Family members ☐ Doctor in hospital ☐ Media ☐
Neighbours ☐ Traditional Healer ☐ Deceased ☐
15. Was s/he in hospital or clinic in the last year before s/he died? Yes ☐
No ☐ → Go to q.17
16. If s/he was in Hlabisa hospital is there any document from the hospital that you could show me?
16.a Date of admission _____
Y Y Y Y M M D D
16.b OPD No. _____ / _____
16.c Reg No. _____
17. Did s/he die due to a direct maternal death? Yes ☐ → Go to Ch.4
No ☐
18. Did s/he die due to an injury, accident, suicide or tetanos? Yes ☐ → Go to Ch.2
No ☐
19. Was s/he a resident or non-resident member? Resident ☐ Non -resident ☐

Section 2: Personal and family disease history

1. Did s/he ever have any of the following illnesses or habits?
Hypertension ☐ HIV/AIDS ☐ Alcohol abuse ☐ None ☐
Diabetes ☐ Epilepsy ☐ Smoker ☐
Tuberculosis (TB) ☐ Asthma ☐ Paralysis ☐
2. Did s/he take any medicine on a regular basis? Yes ☐
No ☐ → Go to q.4
DK ☐
3. Which medicine?
_____ NA ☐
_____ NA ☐
4. Was s/he diagnosed in hospital with any of the following diseases prior to death?
Cancer ☐ Meningitis ☐ Liver disease ☐ Stroke ☐
Pleuritis ☐ Pneumonia ☐ Renal disease ☐ Malaria ☐
HIV ☐ Tuberculosis (TB) ☐ Cardiac disease ☐ None ☐
Other ☐
5. If yes, when was that? NA ☐
_____ Y Y Y Y M M D D
6. If other, specify _____ NA ☐
7. Did s/he had any major operation while still alive? Yes ☐
No ☐ → Go to q.10
8. If yes, in which year was that? _____ NA ☐
Y Y Y Y
9. If yes, specify location or type of surgery
NA ☐ _____
10. Is/was there anybody else in the family who is/was very ill or who died in the last 2 years?
was very ill ☐ died ☐
is very ill ☐ No ☐ → Go to next chapter
11. If so, what does/did this the family member suffer from? NA ☐
Tuberculosis (TB) ☐
HIV/AIDS ☐
Other ☐
12. If other, specify _____ NA ☐
13. How is/was that person(s) related to the deceased?
_____ NA ☐

Chapter 2: Injuries, Tetanus & Rabies.

Section 1: Unintentional and intentional injuries and accidents.

1. Did s/he sustain any injury which lead to his/her death?

Yes ☐No ☐DK ☐

→ Go to q16

2. Was the injury intentional or accidental?

Intentional ☐NA ☐Accidental ☐DK ☐

3. How long after the injury did s/he die?

Hours ☐Days ☐Months ☐NA ☐DK ☐

4. Where did s/he die?

Where the injury occurred ☐☐In the hospital ☐☐Elsewhere ☐In the ambulance ☐☐At home ☐☐NA ☐

5. Was the injury self-inflicted?

Yes ☐NA ☐No ☐

→ Go to q10

DK ☐

6. Do you think s/he committed suicide?

Yes ☐NA ☐No ☐

→ Go to q10

DK ☐

7. How did s/he commit suicide?

Hanging ☐Burns ☐NA ☐Poisoning ☐Other ☐

8. If other, specify.

NA ☐

9. Do you know why s/he committed suicide?

NA ☐

10. What kind of injury was it?

Traffic Accident ☐Fire Accident ☐Assault ☐

→ Go to q16

→ Go to q13

Animal bite ☐

→ Go to q15

Poisoning ☐

→ Go to q12

Burns ☐

→ End

Other ☐NA ☐

11. If it was another type of injury, specify

NA ☐

12. Do you know the substance that caused the poisoning?

NA ☐

13. What type of assault was it?

gunshot ☐Hit ☐NA ☐stabbed ☐Other ☐

14. If other, specify.

NA ☐

15. What animal inflicted the bite?

NA ☐

If it was a dog or mammal bite

→ Go to section 2

16. Did s/he have a deep but maybe small injury in the period before she became ill?

Yes ☐

→ Go to section 2

No ☐DK ☐

Section 2: Animal bite or stiffness of the body or problems swallowing or problems to open mouth

1. Did s/he become unconscious?

Yes ☐No ☐DK ☐

→ Go to q4

2. How did the change in the level of consciousness start?

Suddenly ☐NA ☐Slowly over more than 1 day ☐DK ☐

3. For how long was s/he unconscious?

Hours ☐Days ☐

4. Did s/he have any fear of drinking water?

Yes ☐No ☐DK ☐

5. Did s/he have any problems swallowing?

Yes ☐No ☐DK ☐

6. Did s/he have problems to open her/his mouth?

Yes ☐No ☐DK ☐

7. Was there any stiffness of the body before she died?

Yes ☐No ☐DK ☐

→ Go to q.9

8. How long did the stiffness of the body last?

Hours ☐Days ☐Months ☐NA ☐DK ☐

9. Did s/he have any problems breathing?

Yes ☐No ☐DK ☐

→ Go to q.11

10. For how long did s/he have problems with breathing?

Hours ☐Days ☐NA ☐

11. Was s/he diagnosed in the hospital as suffering from rabies or tetanus?

Yes, from rabies ☐No ☐Yes, from tetanus ☐DK ☐

12. Did s/he have fever?

Yes ☐No ☐DK ☐

Rabies: Dog bite or bite of wild animal (E)
and (unconsciousness or difficulty in swallowing or stiffness of the body) (S)

Tetanus: Stiffness of body < 14 days + difficulty breathing < 14 days + absence of sudden onset of unconsciousness (E)
and (difficulty to open mouth or fever or recent injury) (S)

Chapter 3: Adults and Children of 5 years and more

Section 1: History and loss of weight .

1. Did s/he loose weight before s/he died? Yes ☐ No ☐ DK ☐ → Go to q.3
2. Was the weight loss severe? severe ☐ light ☐ moderate ☐ DK ☐ NA ☐
3. Did s/he suffer from repeated episodes of illness before death? Yes ☐ No ☐ DK ☐
4. Did her/his partner die recently? Yes ☐ No ☐ DK ☐

Section 2: Cough

1. Did s/he have a cough before s/he died? Yes ☐ No ☐ DK ☐ → Go to q.6
2. For how long did s/he have a cough? Days ☐ Months ☐ Years ☐ NA ☐
3. Was the cough productive (sputum)? Yes ☐ No ☐ DK ☐ NA ☐
4. For how long did s/he have a cough with sputum? Days ☐ Months ☐ Years ☐ NA ☐
5. Did s/he cough blood? Yes ☐ No ☐ DK ☐ NA ☐
6. Was s/he ever treated for pulmonary tuberculosis? Yes ☐ No ☐ DK ☐

Section 3: Skin, mouth and eye condition

1. Did s/he have a skin condition before s/he died? Yes ☐ No ☐ DK ☐ → Go to q.8
2. For how long did s/he have that skin condition? Days ☐ Months ☐ Years ☐ NA ☐
3. How did the skin condition look like? Like a rash ☐ others ☐ Dark elevated growing spots with peeling skin ☐ DK ☐ Like ulcers or sores ☐ NA ☐
4. Specify size, location and colour of skin condition.
Specify size(s) NA ☐
Specify location(s) NA ☐
Specify colour NA ☐
5. If it was a rash, how did the rash look like? Like measles ☐ others ☐ Rash with a clear fluid ☐ DK ☐ Rash with pus ☐ NA ☐
6. If other type of rash, specify type of rash and location.
Specify rash NA ☐
Specify location NA ☐
7. Did s/he have itching of the skin? Yes ☐ No ☐ DK ☐ NA ☐
8. Did s/he have sore eyes? Yes ☐ No ☐ DK ☐
9. Did s/he have mouth infections which lasted for more than 21 days? Yes, like white spots ☐ DK ☐ Yes, small ulcers ☐ others ☐ Yes, hairy smelly sores ☐ No ☐
10. Where these infections so severe that s/he had difficulty swallowing? Yes ☐ No ☐ DK ☐ NA ☐

Section 4: Diarrhoea

1. Did s/he have diarrhoea or loose or liquid stool before s/he died? Yes ☐ No ☐ DK ☐ → Go to next section
2. When the loose or liquid stool or the diarrhoea was severe, how many times did s/he pass stool per day? times NA ☐
3. How many days did s/he have loose or liquid stool or diarrhoea? Days ☐ Weeks ☐ Months ☐ NA ☐
4. What did the stool look like? Watery ☐ With mucus ☐ Loose, not watery ☐ DK ☐ Bloody ☐ NA ☐
5. Was the loose or liquid stool or the diarrhoea continuous or on and off? Continuous ☐ DK ☐ On and off ☐ NA ☐

Section 5: Swelling of neck, armpit or groin

1. Did s/he have swelling in the neck?

Yes ☐

No ☐

DK ☐

Go to next section

2. For how long did s/he have the swelling in the neck?

Days ☐ Months ☐ Years ☐ NA ☐

3. Did s/he have swelling in the armpit or groin?

Yes, armpit ☐ No ☐ NA ☐

Yes, groin ☐ DK ☐

Section 6: Change in the level of consciousness

1. Did s/he have any change in the level of consciousness before s/he died?

Yes ☐

No ☐

DK ☐

Go to next section

2. What was the level of unconsciousness?

Confused ☐

Unconscious ☐

Others ☐

NA ☐

3. If others, specify

NA ☐

4. How did the change in the level of consciousness start?

Suddenly ☐

Slowly over more than 2 days ☐

Rapidly within 2 days ☐

DK ☐ NA ☐

5. If confused or unconscious for how long was s/he confused or unconscious before she died?

Hours ☐ Days ☐ Months ☐ NA ☐

Section 7: fever

1. Did s/he have fever before s/he died?

Yes ☐

No ☐

DK ☐

Go to next section

2. How long did s/he have fever?

Days ☐ Weeks ☐ Months ☐ NA ☐

3. Was the fever continuous or on and off? Continuous ☐ DK ☐

On and off ☐ NA ☐

4. At the worst time, how was the fever?

severe ☐ DK ☐

moderate ☐ NA ☐

mild ☐

PTB & AIDS: loss of weight + cough with sputum > 21 days + repeated episodes of illnesses prior to death + no COPD (E) and (diarrhoea or loose/liquid stool for > 21 days or severe mouth infections for > 21 days or swollen glands) (S) and/or age < 65 or partner died recently or body rash or sores or became unconscious within 2 days of final illness (A)

PTB: cough with sputum > 21 days + fever on and off + no diarrhoea > 21 days or no loose/liquid stool for > 21 days + no COPD (E) and/or (bloody sputum or loss of weight) (A)
OR had treatment for PTB at time of death and no diarrhoea or no loose/liquid stool for > 21 days (E)

AIDS: loss of weight + fever > 28 days + repeated episodes of illnesses prior to death (E) and (diarrhoea or loose/liquid stool for > 21 days or severe mouth infections for > 21 days or swollen glands) (S) and/or age < 65 or partner died recently or body rash or sores or became unconscious within 2 days of final illness (A).

Section 8: Swellings

1. Did s/he have any swelling apart from swelling in neck groin and armpits?

Yes ☐

No ☐

DK ☐

Go to next section

2. Specify location

NA ☐

3. How long did s/he have the swelling?

Days ☐ Weeks ☐ Months ☐ NA ☐

Section 9: For women: Swelling or ulcer of the breast and abnormal vaginal discharge

1. Did she have a swelling or ulcer in her breast?

Yes ☐

No ☐

DK ☐

→ Go to q.3

3. Did she have any abnormal vaginal discharge for more than 30 days?

Yes ☐

No ☐

DK ☐

→ Go to next section

2. How long did she have the swelling or ulcer?

Day

s

☐

Weeks

☐

Month

s

☐

NA

☐

4. What type of discharge was it?

With bad smell ☐

Others ☐

Bloody ☐

DK ☐

Pus-like ☐

NA ☐

Breast Cancer: severe weight loss + swelling or ulcer in the breast for > 30 days (E)

Cervix Carcinoma: severe weight loss + abnormal vaginal bleeding for > 30 days (E)

Section 10: Difficulty in swallowing and shortness of breath

1. *Did s/he have any difficulty to swallow that was not due to a mouth infection?

Yes ☐

No ☐

DK ☐

→ Go to q.4

2. For how long did s/he have this problem to swallow?

Day

s

☐

Weeks

☐

Month

s

☐

NA

☐

3. Did this difficulty in swallowing start with problems in swallowing solids followed by problems swallowing liquids?

Yes ☐

DK ☐

No ☐

NA ☐

4. Did s/he have shortness of breath before s/he died?

Yes ☐

No ☐

DK ☐

→ Go to q.6

5. How long did the shortness of breath last?

Hours

☐

Days

☐

Weeks

☐

Month

s

☐

NA

☐

6. If s/he had difficulty breathing, what sign appeared first, the problems with breathing or the problems with swallowing?

First swallowing problems ☐

At the same time ☐

First breathing problems ☐

DK ☐

NA ☐

Oesophagus Carcinoma: severe weight loss + dysphagia for > 30 days starting with solids followed by dysphagia for liquids. (E)

Section 11: Difficulty passing stool

1. Did s/he have difficulty passing stool?

Yes ☐

No ☐

DK ☐

→ Go to next section

2. For how long did s/he have difficulty passing stool?

Day

s

☐

Weeks

☐

Month

s

☐

NA

☐

3. Was this difficulty in passing stool continuous or on and off?

Continuous ☐

DK ☐

On and off ☐

NA ☐

Section 12: Abdominal pain and vomiting

1. Did s/he have abdominal pain before s/he died?

Yes ☐No ☐DK ☐

→ Go to Q.4

2. What was the severity of the pain?

Severe ☐Mild ☐Moderate ☐DK ☐NA ☐

3. For how long did she have the pain?

Day

s ☐Weeks ☐

Month

s ☐NA ☐

4. Did s/he suffer from vomiting before s/he died?

Yes ☐No ☐DK ☐

→ Go to next section

5. How did the vomitus look like?

Yellowish fluid ☐Blood ☐Food ☐Coffee coloured fluid ☐Faecal matter ☐NA ☐Watery fluid ☐DK ☐

6. For how long did s/he suffer from vomiting?

Day

s ☐Weeks ☐

Month

s ☐NA ☐**Section 13: Abdominal mass**

1. Did s/he have any mass in the abdomen before s/he died?

Yes ☐No ☐DK ☐

→ Go to next section

2. How long did s/he have the mass?

Day

s ☐Weeks ☐

Month

s ☐NA ☐3. Where exactly was the mass? Rt upper abdomen ☐DK ☐Lt upper abdomen ☐NA ☐Lower abdomen ☐Others ☐

↓

4. If others, specify

NA ☐Gastro-intestinal Carcinoma: severe weight loss + abdominal mass for > 30 days (E)
and (blood in stool or vomiting blood or difficulty passing stool for > 30 days) (S)**Section 14: Jaundice**

1. Did s/he have yellow discoloration of the eyes before s/he died?

Yes ☐No ☐DK ☐

→ Go to next section

2. How many days did s/he have this jaundice?

Day

s ☐Weeks ☐

Month

s ☐NA ☐

3. What was the severity of the jaundice?

severe ☐mild ☐moderate ☐DK ☐NA ☐

Hepatoma: severe weight loss + mass in right side of the abdomen for >30 days + severe abdominal pain for >30 days + jaundice (E)

Section 15: Abdominal distension

1. Did s/he have distension of the abdomen before s/he died?

Yes ☐No ☐DK ☐

→ Go to next section

2. Did the distension develop rapidly or slow?

rapidly over

days over

weeks ☐

slowly over

months ☐DK ☐NA ☐

3. For how long did s/he have this abdominal distension?

Day

s ☐Weeks ☐

Month

s ☐NA ☐Acute Abdominal Condition: severe abdominal pain + rapid onset abdominal distension + vomiting + no diarrhoea (E)
OR Acute Abdominal Condition: abdominal pain + vomitus that looked black or like blood or like faeces for < 14 days (E)**Section 16: Swelling of ankles and alcohol abuse.**

1. Did s/he have swelling around the ankles?

Yes ☐No ☐DK ☐

→ Go to Q.3

2. For how long did s/he have the swelling of the ankles?

Day

s ☐Months ☐Years ☐NA ☐

3. *Was the deceased an alcohol abuser?

Yes

s ☐No ☐DK ☐Liver Cirrhosis: slow onset abdominal distension >14 days + absence of severe abdominal pain (E)
and (swelling around the ankles or jaundice or vomiting of blood) (S)
and/or previous alcohol abuse or loss of weight or slow onset unconsciousness before death (A)

Section 17: Shortness of breath or difficult breathing

1. *Did s/he have shortness of breath before s/he died? ^{Yes} ☐ ^{No} ☐ ^{DK} ☐
 No ☐ → Go to q.6
 DK ☐ → Go to q.6
2. Was the shortness of breath continuous or on and off? If short of breath only on exertion classify as continuous
 On and off ☐ DK ☐ NA ☐
 Continuous ☐ → Go to q.4
3. *If s/he had it on and off, how long did such period of shortness of breath last usually?
 Hours ☐ Days ☐ Weeks ☐ Month ☐ NA ☐
4. How long ago did s/he have this shortness of breath for the first time?
 Days ago ☐ Weeks ago ☐ Months ago ☐ Years ago ☐ NA ☐
5. Did the shortness of breath develop rapidly or slowly?
 rapidly over ☐ slowly over ☐
 days ☐ months ☐ DK ☐ NA ☐
6. *Did s/he have a cough with sputum for more than 60 days?
 Yes ☐ No ☐ DK ☐ NA ☐
7. Was s/he diagnosed by a doctor or nurse as suffering from asthma?
 Yes ☐ No ☐ DK ☐
8. Did s/he have wheezing?
 Yes ☐ No ☐ DK ☐
9. *Was s/he a smoker?
 Yes ☐ No ☐ DK ☐
10. Was s/he diagnosed by a doctor or nurse with hypertension?
 Yes ☐ No ☐ DK ☐

Chronic Obstructive Pulmonary Disease (COPD): cough with sputum for > 60 days + shortness of breath on and off + no weight loss + no swelling around ankles (E) and/or smoker or medically diagnosed with asthma or wheezing (A)

Congestive Heart Failure (CHF): slow onset of continuous shortness of breath + swelling around the ankles + no cough with sputum for > 21 days (E) and/or (medically diagnosed hypertension or swelling in the right upper abdomen or abdominal distension) (A)
OR Congestive Heart Failure (CHF): medically diagnosed hypertension + no cough with sputum for > 21 days (E) and (swelling of the ankles or continuous shortness of breath) (S)

Section 18: Paralysis and speech impairment

1. Did s/he become paralysed during the illness prior to death?
 Yes ☐
 No ☐ → Go to q.4
 DK ☐ → Go to q.4
2. Which part of the body was paralysed?
 right arm ☐ right leg ☐ right side of face ☐ NA ☐
 left arm ☐ left leg ☐ left side of face ☐
3. For how long did s/he have this paralysis before s/he died?
 Day ☐ Weeks ☐ Month ☐ NA ☐
4. Did s/he develop a speech impairment shortly before death which appeared after a period of unconsciousness?
 Yes ☐ No ☐ DK ☐
5. *Was s/he more than 45 years?
 45 years or younger ☐ DK ☐
 > 45 years ☐
6. *Did s/he become suddenly unconscious?
 Yes ☐ No ☐ DK ☐

Cerebrovascular Accident (CVA): sudden onset of unconsciousness + age > 45 years + absence of (high fever or pregnancy or delivery within 2 weeks or injuries) (E) and (paralysis of one side of the body or speech impairment after a period of unconsciousness) which appeared shortly before death (S) and/or medically diagnosed hypertension (A)

Section 19: Sudden and severe chest pain and sudden death

1. Did s/he have sudden and severe chest pain before s/he died?
 Yes ☐
 No ☐ → Go to q.5
 DK ☐ → Go to q.5
2. Was the pain continuous or on and off?
 Continuous ☐ DK ☐
 On and off ☐ NA ☐
3. Where was the pain?
 Over the sternum ☐ Others ☐ NA ☐
 Over the heart ☐ DK ☐
4. When s/he had this attack of severe chest pain prior to death, how long did it last?
 < 30 min ☐ > 24 hrs ☐
 > 30 min but < 24 hrs ☐ DK ☐ NA ☐
5. *Did s/he have a cough with sputum before s/he died?
 Yes ☐ No ☐ DK ☐ NA ☐
6. Did s/he die within 1 week after the start of the last chest pain attack?
 Yes ☐ No ☐ DK ☐

Ischaemic Heart Disease: sudden, severe and continuous chest pain over sternum + died within 1 week after start of the chest pain + absence of cough with sputum (E) and/or shortness of breath (A).

Section 20: Diarrhoea (copy section 4/12)

1.*If s/he had diarrhoea or liquid or loose stool before s/he died, how long did it last?

| | |
|--|--|
| | |
|--|--|

 Day ☐ Weeks ☐ Month ☐ NA ☐

2.*When the loose or liquid stool or the diarrhoea was severe, how many times did s/he pass stool per day?

| | |
|--|--|
| | |
|--|--|

 time ☐ NA ☐

3. *What did the stool look like? Watery ☐ Bloody ☐ DK ☐
Loose, not watery ☐ With mucus ☐ NA ☐

4. *Did s/he have abdominal pain before s/he died?

Yes ☐ No ☐ DK ☐

5.* Did s/he suffer from vomiting before s/he died?

Yes ☐ No ☐ DK ☐

Acute Diarrhoea: loose or liquid stool > 2 times/day lasting < 22 days (E)
and (blood or mucus in stool or abdominal pain or vomiting) (A)

Section 21: fever (see section 7)

1. *Did s/he have severe or continuous fever for <21 days before s/he died?

Yes ☐

No ☐

DK ☐

→ Go to section 24

Acute febrile illness (AFI): severe or continuous fever for <21 days+ absence of any other infectious illness diagnosed by the VAs (E)

Section 22: Jaundice (copy section 14)

1. *Did s/he have yellow discoloration of the eyes before s/he died?

Yes ☐ No ☐ DK ☐

Hepatitis: AFI + jaundice (E)

Section 23: Cough and chest pain and shortness of breath (copy section 2/10)

1.*Did s/he have a cough with sputum?

Yes ☐ No ☐ DK ☐ NA ☐

2.*How long did the cough with sputum last?

| | |
|--|--|
| | |
|--|--|

 Day ☐ Months ☐ Years ☐ NA ☐

3. Did s/he have chest pain before s/he died?

Yes ☐ No ☐ DK ☐

4. *Did s/he have shortness of breath before s/he died?

Yes ☐

No ☐

DK ☐

→ Go to next section

5.*How long did the shortness of breath last?

| | |
|--|--|
| | |
|--|--|

 Hours ☐ Days ☐ Weeks ☐ Month ☐ NA ☐

Lower Respiratory Tract Infection: AFI + cough with sputum < 21 days + absence of jaundice (E)
and (chest pain or shortness of breath) (S)

Section 24: Difficulty in passing urine and puffiness of the face

1. Did s/he have difficulty in passing urine before s/he died?

Yes ☐

No ☐

DK ☐

→ Go to q.4

2.For how long did s/he have problems passing urine?

| | |
|--|--|
| | |
|--|--|

 Day ☐ Weeks ☐ Month ☐ NA ☐

3. What type of difficulty did s/he have?

Unable to pass

urine ☐

Continuous dribbling of

urine ☐

Burning sensation while passing

urine ☐

DK ☐

NA ☐

4.Did s/he have puffiness of the face?

Yes ☐ No ☐ DK ☐

Section 25: Anaemia

1. Did s/he look pale before she died?

Yes, very pale ☐ No ☐

Yes, mildly pale ☐ DK ☐

Anaemia: very pale looking + absence of all other diseases diagnosed by VAs (E)
and (swelling of the ankles or shortness of breath) (S)

Section 26: Change in the amount and the colour of urine

1. Was there any change in the amount of urine passed daily before s/he died?

Yes ☐No ☐DK ☐

Go to q.4

2. How much urine did s/he pass in a day?

too much ☐no urine at all ☐too little ☐DK ☐NA ☐

3. For how long did s/he have this change in the amount of urine?

Day ☐Weeks ☐Month ☐NA ☐

4. Was there any change in the colour of the urine before s/he died?

Yes ☐No ☐DK ☐

Go to next section

5. What was the colour of the urine?

dark yellow ☐very reddish ☐blood stained ☐orange ☐coffee like ☐DK ☐NA ☐

6. For how long did s/he have this change in the colour of the urine?

Day ☐Weeks ☐Month ☐NA ☐**Section 27: Convulsions or spasms**

1. Did s/he have convulsions or spasms before s/he died?

Yes ☐No ☐DK ☐

Go to next section

2. How many days did s/he have convulsions or spasms?

days

NA ☐

3. When the convulsions were most frequent, how many times per day did s/he have them?

times

NA ☐

4. Could you describe the convulsions?

Repetitive jerking of whole body ☐Repetitive jerking of part of the body ☐Other ☐NA ☐

5. If other, specify

NA ☐

6. In between convulsions was s/he awake or unconscious?

Unconscious ☐Awake ☐DK ☐NA ☐**Section 28: Neck stiffness, neck pain**

1. Did s/he have neck stiffness before s/he died?

Yes ☐No ☐DK ☐

4. *If there was fever, at the worst time, how was the fever?

severe ☐mild ☐moderate ☐DK ☐NA ☐

2. Did s/he have severe pain in the neck before s/he died?

Yes ☐No ☐DK ☐NA ☐

5. If s/he became unconscious or confused, how soon after the onset of the disease did it start?

3. How many days did s/he have neck stiffness or pain?

days

NA ☐

Rapidly within 2 days ☐

Suddenly ☐Slowly over more than 2 days ☐DK ☐NA ☐

Meningitis: high fever for < 21 days + neck stiffness or severe neck pain + absence of repeated episodes of illnesses (E) and (became unconscious within 2 days of onset of disease or convulsions) (S)

Malaria: high fever for < 21 days + absence of repeated episodes of illnesses + no meningitis (E) and (became unconscious within 2 days of onset of disease or black urine) (S)

Section 29: Diabetes

1. Was s/he diagnosed by a doctor or a nurse with diabetes?

Yes ☐No ☐DK ☐

3. Did s/he take regularly medicine for diabetes?

Yes, pills ☐No ☐

2. Did s/he have an infection in her lower limb(s) before death?

Yes ☐No ☐DK ☐Yes, injections ☐DK ☐NA ☐

Diabetes: medically diagnosed diabetes (E)

and (rapid onset of unconsciousness or gangrene of lower limb) (S)

Section 30: Epilepsy

1.. *Was s/he known to suffer from epilepsy? Yes ☐

No ☐DK ☐

2.. Did s/he die during or shortly after an epilepsy attack?

Yes ☐No ☐DK ☐NA ☐

3. Did s/he suffer from any infection prior to the epilepsy attack?

Yes ☐No ☐DK ☐NA ☐

Epilepsy: known epileptic + dying during or shortly after an epileptic attack + no other infection at the time of death (E)

Section 1: Time and Circumstances of death.

1. Was the woman still pregnant when she died? Yes ☐ DK ☐ No ☐ → Go to q.3
2. How many months was she pregnant when she died?
- Weeks ☐ Months ☐ NA ☐
- Pregnant for more than 6 months ☐ → Go to q.7
Pregnant for more than 7 months ☐
3. How many months was she pregnant when the pregnancy ended?
- Weeks ☐ Months ☐ NA ☐
- Pregnant for more than 6 months ☐
Pregnant for more than 7 months ☐
4. How many days after the end of pregnancy did the woman die?
- days NA ☐

5. Where did she deliver or where did she go for the abortion? home ☐ hospital ☐ elsewhere ☐ clinic ☐ DK ☐ NA ☐
6. How did the woman deliver?
- Spontaneous vaginal delivery ☐ Caesarean section ☐
Instrumental delivery: forceps or vacuum ☐ Dilatation & Curetage ☐
Oxytocica assisted delivery (IV) ☐ NA ☐
7. Did the woman suffer from diabetes during pregnancy? Yes ☐ No ☐ DK ☐
8. Did the woman suffer from severe weight loss before or during pregnancy? Yes ☐ No ☐ DK ☐
9. Did the woman suffer from repeated episodes of illness before or during pregnancy? Yes ☐ No ☐ DK ☐

Section 2: Abortion (pregnancy < 7 months).

1. Did the woman suffer from vaginal bleeding before the 7 th month of pregnancy? Yes ☐ No ☐ DK ☐ → Go to q.5
2. How serious was the bleeding? severe ☐ mild ☐ moderate ☐ DK ☐ NA ☐
3. How long did the bleeding last?
- Days ☐ Weeks ☐ Months ☐ NA ☐
4. How long after the start of the bleeding did she die?
- Days ☐ Weeks ☐ Months ☐ NA ☐
5. Did the woman have an induced abortion? Yes ☐ No ☐ DK ☐

6. Did the woman suffer from fever? Yes ☐ No ☐ DK ☐ → Go to q.8
7. At the worst time, how was the fever? severe ☐ mild ☐ moderate ☐ DK ☐ NA ☐
8. How long did she have fever?
- Days ☐ Weeks ☐ Months ☐ NA ☐
9. Did the woman have fits or convulsions? Yes ☐ No ☐ DK ☐
10. Did the woman have yellow discoloring of the eyes before she died? Yes ☐ No ☐ DK ☐

Abortion: severe vaginal bleeding in woman < 7 months pregnant + woman dies < 91 days of the start of the bleeding + no convulsions + no jaundice (E).

Induced abortion: known induction + woman dies < 91 days after induction of abortion (E).

OR Induced abortion: vaginal bleeding + fever + lower abdominal pain + woman < 91 days after the start of the bleeding (E).

Section 3: Convulsions, high blood pressure and swelling of the ankles (pregnancy > 6 months).

1. *Did the woman have convulsions? Yes ☐ No ☐ DK ☐ → Go to q.6
2. When did the convulsions start? Before delivery ☐ NA ☐ After delivery ☐ → Go to q.4
3. How many months was she pregnant when the convulsions started?
- Weeks ☐ Months ☐ NA ☐
4. How long after the start of the convulsions did she die?
- Days ☐ Weeks ☐ Months ☐ NA ☐

5. Did the woman die in a coma occurring after the convulsions? Yes ☐ No ☐ DK ☐ NA ☐
6. Did the woman suffer from high blood pressure during pregnancy? Yes ☐ No ☐ DK ☐
7. Did the woman suffer from swelling of the ankles during pregnancy? Yes ☐ No ☐ DK ☐
8. Did the woman suffer from stiffness of the neck before she died? Yes ☐ No ☐ DK ☐
9. Did the woman suffer from stiffness of the whole body before she died? Yes ☐ No ☐ DK ☐

Eclampsia: convulsions in a pregnancy of > 6 months OR convulsions after delivery + (woman dies < 15 days after delivery or in a coma due to the convulsions) + no high fever + no neck stiffness + no stiffness of the body (E).

Section 4 :**Excessive bleeding and placenta retention during late pregnancy (> 7 months) or post partum**

1. Did the woman suffer from severe bleeding after the 7th month of pregnancy or after delivery?

Yes ☐No ☐DK ☐

Go to q.5

2. When did the bleeding start?

before labour started ☐shortly after delivery ☐during labour but before delivery ☐> 1 day after delivery ☐DK ☐NA ☐

Go to q.4

3. *Did the woman deliver the child?

Yes ☐No ☐DK ☐

Go to q.5

4. How long after the bleeding started did she die?

 Days ☐ Weeks ☐ Months ☐ NA ☐

5. How long after the delivery of the child was the placenta delivered?

 Minutes ☐ Hours ☐ Days ☐ NA ☐

6. Was there a retention of the placenta or parts of the placenta or the membranes?

retention of placenta ☐ retention of membranes ☐ DK ☐retention of parts of placenta ☐ no retention ☐ NA ☐

7. How long after the delivery of the child were the placenta or these retained parts of the placenta or the retained membranes delivered?

 Minutes ☐ Hours ☐ Days ☐ NA ☐

Antepartum bleeding: severe bleeding that started before delivery but not before the 7 month of pregnancy (E).

Postpartum bleeding: severe bleeding that started after delivery + woman dies < 4 days after delivery (E)

and/or retention (>30 minutes) of the placenta or parts of the placenta or membranes (A).

Section 5: Prolonged labour (> 24 hours)

1. How long did the labour pain last?

 hours days

4. *Did the woman deliver the child? Yes ☐

No ☐DK ☐

Go to next section

2. *If the woman had a labour that lasted more than 24 hours, did she suffer from severe bleeding before delivery?

Yes ☐No ☐DK ☐NA ☐

3. Which part of the baby came first?

Head first ☐ Hand first ☐Bottom first ☐ Foot first ☐DK ☐ NA ☐

5. If the woman had an assisted delivery (with forceps, vacuum extractor, oxytocica or a caesarian section), how long after the delivery did she die?

 Days ☐ Weeks ☐ Months ☐ NA ☐

Prolonged labour: labour lasted > 24 hours + (retained foetus or assisted delivery) (E).

and/or vaginal bleeding before delivery or abnormal presentation of foetus (A).

Section 6: Post partum Sepsis

1*. Did the woman have high fever before she died?

Yes ☐No ☐DK ☐

Go to instruction

2. How long did the fever last?

 Days ☐ Weeks ☐ Months ☐ NA ☐

3.*How long after delivery of the child did she die?

 Days ☐ Weeks ☐ Months ☐ NA ☐

4. Did the woman suffer from abdominal pain?

Yes ☐ No ☐ DK ☐

5. Did the woman suffer from smelly vaginal discharge before she died?

Yes ☐ No ☐ DK ☐

Postpartum sepsis: high fever for < 21 days + woman dies < 15 days after delivery (E).

and/or abdominal pain or smelly vaginal discharge (A).

INSTRUCTION: go to previous chapters if no direct maternal death was diagnosed or if the woman had repeated episodes of illnesses or if she suffered from heavy weight loss before or during pregnancy.

Chapter 5: Neonates (< 29 days)

Section 1: Neonates

1. Was the child alive (breath, cry or move) at birth?

Yes ☐

No ☐ → Go to q.3

DK ☐

2. How old was the child (in days) at the time of death?

Days

3. Did the pregnancy ended earlier than expected?

Yes ☐ No ☐ DK ☐

4. How many months was the mother pregnant when she delivered?

Months or Weeks DK

5. What was the size of the child at birth? Smaller than usual ☐

Very small ☐

Normal ☐

Larger than usual ☐

6. Did the child have any malformations at delivery?

Yes ☐

No ☐

DK ☐ → Go to q.8

7. If yes, specify location and type of malformation

NA ☐

8. Did the child have fever (hot body)? Yes ☐

No ☐

DK ☐ → Go to q.10

9. If yes, for how many days did the fever last?

Days

10. Did the child suffer from spasms/convulsions?

Yes ☐

No ☐

DK ☐ → Go to q.13

11. If yes, how many days after birth did the child start having spasms /convulsions?

Days

12. How long did the spasms/convulsions last?

Days

13. Was the child able to breath in a normal way immediately after birth?

Yes ☐ No ☐ DK ☐

14. Did the child start having problems breathing some days after birth?

Yes ☐

No ☐

DK ☐ → Go to q.16

15. How many days after birth did the child start having problems breathing?

Days NA ☐

16. Was the child able to suck in a normal way immediately after birth?

Yes ☐ No ☐ DK ☐

17. Did the child start having problems sucking some days after birth?

Yes ☐

No ☐

DK ☐ → Go to q.19

18. How many days after birth did the child start having problems sucking?

Days NA ☐

19. Was the child able to cry in a normal way immediately after birth?

Yes ☐ No ☐ DK ☐

20. Did the child stop crying in a normal way some days after birth?

Yes ☐

No ☐

DK ☐ → Go to q.22

21. How many days after birth did the child stop crying in a normal way?

Days NA ☐

22. Did the child have bruises, marks or injury on the body or head at birth?

Yes ☐ No ☐ DK ☐

23. Did the child have a bulging fontanelle?

Yes ☐ No ☐ DK ☐

24. Did the child become unresponsive/unconscious?

Yes ☐ No ☐ DK ☐

Stillbirth: the child failed to cry, breath or move after birth

Low birth weight/prematurity: pregnancy ended early or pregnancy ended at <28 weeks or < 7 months or the child was very small at birth (E)

Malformation: a malformation at birth (E)

Birth Asphyxia/birth trauma: no fever (hot body) + not able to cry in a normal way after birth + not very small at birth + no prematurity (E)

and (convulsions/spasms or not able to breath in a normal way after birth or not able to suck in a normal way after birth or bruises, marks or injury on body or head after birth) (S)

Neonatal tetanus: able to suck or cry at birth but stopped doing so at least 2 days after birth + convulsions/spasms during 2 weeks prior to death (E)

and/or mother no proof of tetanus vaccination of index pregnancy or born at home or birth as assistant not trained (A)

Meningitis/Encephalitis: fever + bulging fontanelle + convulsions (E)

25. Did the child have a cough? Yes ☐ No ☐ DK ☐

26. Did the child suffer from difficult breathing due to a blocked chest not a blocked nose?

Yes ☐ No ☐ DK ☐

27. Did the child suffer from fast breathing (chest going up and down more quickly than usual)?

Yes ☐

No ☐

DK ☐ → Go to q.29

28. If yes, how long did the fast breathing last?

| | |
|--|--|
| | |
|--|--|

Days

NA ☐

29. Did the child suffer from chest indrawing (chest or stomach moving inward in a unusual manner)?

Yes ☐ No ☐ DK ☐

30. Did the child suffer from pneumonia? Yes ☐ No ☐ DK ☐

31. Did the child suffer from crackling in the chest (rustling sounds in the chest)?

Yes ☐ No ☐ DK ☐

32. Did the child suffer from frequent liquid or loose stool (more frequent, and more liquid or loose than normal)?

Yes ☐ No ☐ DK ☐

33. Did the child suffer from diarrhoea? Yes ☐ No ☐ DK ☐

34. If the child suffered from liquid or loose stool or from diarrhoea, for how many days was that?

| | |
|--|--|
| | |
|--|--|

Days

NA ☐

35. Was there blood or mucus in the child's stool?

Yes, blood ☐ Yes, mucus ☐ No ☐ DK ☐ NA ☐

36. Did the waters break before labour started?

Yes ☐

No ☐

DK ☐ → Go to q.38

37. If yes, how many days before labour started?

| | |
|--|--|
| | |
|--|--|

Days

NA ☐

38. Did the child suffer from redness or drainage from the umbilical cord?

Yes ☐ No ☐ DK ☐

39. Did the child suffer from a skin rash with bumps containing pus?

Yes ☐ No ☐ DK ☐

Lower Respiratory Tract Infection: (fever + difficult or fast breathing) or (fever + chest indrawing) or (local term for pneumonia) (E) and/or crackling in the chest (A)

Diarrhoea/dysentery: frequent loose or liquid stool or local term for diarrhoea

Bacteraemia/Septicaemia: fever (hot body) + became unresponsive/unconscious + absence of pneumonia or meningitis (E)

and (stopped being able to suck) or (stopped being able to cry) or waters broke >1 day before labour (S)

and/or redness or drainage from umbilical cord or skin rash with bumps containing pus (A)

Section 1

1. How old was the child at the time of death? Months or Years

2. Did the child have any malformation at delivery?

Yes ☐No ☐DK ☐

→ Go to q.4

3. If yes, specify location and type of malformation

NA ☐

4. Was the child very small at birth? Yes ☐ No ☐ DK ☐

5. Did the child suffer from a severe loss of weight (ukuxinpha enzimbini)?

Yes ☐ No ☐ DK ☐

6. Was the child very thin, thin arms and legs (amathambo) and loose skin over the arms (zishwabenezingab)?

Yes ☐ No ☐ DK ☐

7. Did the child suffer from swelling of the body or swelling of parts of the body?

Yes ☐ No ☐ DK ☐

8. Did the child suffer from pitting oedema (ukuvuvuka) in the feet or legs?

Yes ☐ No ☐ DK ☐

9. Did the child suffer from a peeling skin (ukuxebuka)?

Yes ☐ No ☐ DK ☐

10. Did the child have brittle, sparse hair? Yes ☐ No ☐ DK ☐

11. Did the child suffer from malnutrition (indala)?

Yes ☐ No ☐ DK ☐

12. Did the child suffer from frequent liquid or loose stool (more frequent, and more liquid or loose than normal)?

Yes ☐ No ☐ DK ☐

13. Did the child suffer from diarrhoea? Yes ☐ No ☐ DK ☐

14. If liquid or loose stool or from diarrhoea, how long did it last?

 Days ☐ Weeks ☐ Months ☐ NA ☐

15. Was there blood or mucus in the child's stool?

Yes, blood ☐ Yes, mucus ☐ No ☐ DK ☐ NA ☐

16. Did the child have fever (hot body)? Yes ☐

No ☐DK ☐

→ Go to q.18

17. If fever, how long did the fever last?

 Days ☐ Weeks ☐ Months ☐ NA ☐

18. Did the child have a cough? Yes ☐

No ☐DK ☐

→ Go to q.20

19. If cough, how long did the cough last? Days ☐ Weeks ☐ Months ☐ NA ☐

20. Did the child suffer from difficult breathing due to a blocked chest not a blocked nose?

Yes ☐ No ☐ DK ☐

21. Did the child suffer from fast breathing (chest going up and down more quickly than usual)?

Yes ☐ No ☐ DK ☐

22. Did the child suffer from chest indrawing (chest or stomach moving inward in an unusual manner)?

Yes ☐ No ☐ DK ☐

23. Did the child suffer from pneumonia? Yes ☐ No ☐ DK ☐

24. Did the child suffer from crackling in the chest (rustling sounds in the chest)?

Yes ☐ No ☐ DK ☐

25. Did the child have a bulging fontanelle? Yes ☐ No ☐ DK ☐

26. Did the child have a stiff neck? Yes ☐ No ☐ DK ☐

27. Did the child suffer from spasms/convulsions?

Yes ☐ No ☐ DK ☐

28. Did the child become unresponsive/unconscious?

Yes ☐ No ☐ DK ☐

29. Did the child stop being able to grasp? Yes ☐ No ☐ DK ☐

30. Did the child stop being able to respond to a voice?

Yes ☐ No ☐ DK ☐

31. Did the child stop being able to follow movements with his/her eyes?

Yes ☐ No ☐ DK ☐

32. Did the child fail to grow? Yes ☐ No ☐ DK ☐

33. Did the child have severe oral thrush? Yes ☐ No ☐ DK ☐

34. Did the child suffer repeatedly from chest infections in the last year?

Yes ☐ No ☐ DK ☐

35. Was the child treated for tuberculosis? Yes ☐ No ☐ DK ☐

36. Did the child suffer from a brain infection in the last year?

Yes ☐ No ☐ DK ☐

37. Did the child have a rash? Yes ☐ No ☐ DK ☐

38. Was the rash fading? Yes ☐ No ☐ DK ☐ NA ☐

39. *Was the child known to suffer from epilepsy? Yes ☐ No ☐ DK ☐

40. Did the child die during or shortly after an epilepsy attack?

Yes ☐ No ☐ DK ☐ NA ☐

41. Did the child suffer from any infection prior to the epilepsy attack?

Yes ☐ No ☐ DK ☐ NA ☐

42. *Did the child die during an asthma attack? Yes ☐ No ☐ DK ☐

Malformation: the child had a malformation at birth (E)

Malnutrition: local term for malnutrition or the child was very thin with loose skin or the child suffered from swelling of the body or parts of the body (E) and/or child had pitting oedema of feet/legs or child had peeling skin or brittle sparse hair or severe weight loss (A)

Diarrhoea/dysentery: frequent loose or liquid stool or local term for diarrhoea (E)

Lower Respiratory Tract Infection: (difficult or fast breathing + fever) or (local term for pneumonia) (E)

and/or chest indrawing or cough or crackling in the chest (A)

Meningitis/Encephalitis: fever + (bulging fontanelle or stiff neck) (E)

and/or convulsions/spasms (A)

Cerebral malaria: fever + loss of consciousness + convulsions + no meningitis (E)

Bacteraemia/septicaemia: fever + no meningitis + no pneumonia + no malaria (E)

and (stopped being able to grasp or stopped being able to respond to a voice or stopped being able to follow movements with his/her eyes) (S)

AIDS: malnutrition + severe oral thrush + (repeated chest infection in the last year or tuberculosis) (E)

and (chronic diarrhoea (>2 weeks) or treatment for tuberculosis or meningitis/encephalitis in the last year or failure to thrive or severe weight loss) (S)

Epilepsy: known epileptic + dying during or shortly after an epileptic attack + no other infection at the time of death (E)

Tuberculosis: medically diagnosed with tuberculosis