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Eligibility Checklist		
Age between 7 days and 6 months after date of birth	Y	N - ineligible
Breastfeeding now?	Y	N- ineligible
Parent or guardian able and available to consent	Y	N- ineligible
Able to feed orally in usual state of health	Y	N- ineligible
Known congenital syndrome	Y- ineligible	N
Cleft palate	Y- ineligible	N
Known congenital cardiac disease	Y- ineligible	N
Known terminal illness e.g. cancer	Y- ineligible	N
Admission to hospital within the last 2 weeks?	Y- ineligible	N
Sibling enrolled in study	Y- ineligible	N
Previously enrolled	Y- ineligible	N

Part 1

**if DOB is estimated, and the day is uncertain, write '15' for DD*

Initials of person interviewing caregiver _____ <input type="checkbox"/> Doctor <input type="checkbox"/> Clinical officer <input type="checkbox"/> Nurse <input type="checkbox"/> Field worker <input type="checkbox"/> Research Assistant <input type="checkbox"/> Other		Date ____/____/_____ <i>D D / M M / Y Y Y Y</i> Time ____:____
Who is being interviewed? <input type="checkbox"/> Primary caregiver only <input type="checkbox"/> Care home staff <input type="checkbox"/> Primary caregiver and one other person <input type="checkbox"/> Primary caregiver and more than one other person <input type="checkbox"/> One person who is not the primary caregiver <input type="checkbox"/> More than one person who is not the primary caregiver		

Enrolment					
Date of Enrolment <i>i.e. date consented and seen by research team in hospital</i>	____/____/_____ <i>D D / M M / Y Y Y Y</i>	Time of enrolment <i>24H Clock</i>	____:____	Sex circle	Male Female
Date approached in community	____/____/_____ <i>D D / M M / Y Y Y Y</i>	Date of informed consent		____/____/_____ <i>D D / M M / Y Y Y Y</i>	
DOB	____/____/_____ <i>D D / M M / Y Y Y Y</i>	DOB	<input type="checkbox"/> True <input type="checkbox"/> Estimated	Child Initials	_____
GPS LOCATION OF HOUSEHOLD					
<i>Tick + or - to indicate N/S and W/E</i>					



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Latitude: + - _____ . _____

Longitude + - _____ . _____

NOTE: GPS must be set to decimal degrees DDD.DDDDDD (not degrees, minutes and seconds).

1. Initial Observations (to be taken at time of examination by research team)			
Axillary temperature	_____ . _____ °C	Respiratory rate Count for 1 minute	_____ /minute
Heart rate Count for 1 minute	_____ /minute		
SaO2 To be taken from finger or toe using pulse oximeter	_____ % Write 000 if unrecordable	<input type="checkbox"/> Measured in Oxygen	<input type="checkbox"/> Measured in Room Air <input type="checkbox"/> Unrecordable

2. Anthropometry					
Weight to be taken using SECA scales for CHAIN study	_____ . _____ kg		Length to be taken using SECA 416 infantometer provided for CHAIN study	Measurer 1	_____ . _____ cm
				Measurer 2	_____ . _____ cm
MUAC To be taken using MUAC tape for CHAIN study	Measurer 1	_____ . _____ cm	Head circumference To be taken using CHAIN measuring tape	Measurer 1	_____ . _____ cm
	Measurer 2	_____ . _____ cm		Measurer 2	_____ . _____ cm
Oedema	<input type="checkbox"/> None <input type="checkbox"/> + <input type="checkbox"/> ++ <input type="checkbox"/> +++	Initials		Measurer 1	Measurer 2
				_____	_____

NB: If the child is unwell the Length can be taken at a later time.

3. Current Health	
Previously admitted to hospital. Include other hospitals / health centres. Select 1	<input type="checkbox"/> No <input type="checkbox"/> < 1 week ago <input type="checkbox"/> 1 weeks-1month ago <input type="checkbox"/> >1month ago
Any medication last 7 days. Select all that apply	<input type="checkbox"/> No medication <input type="checkbox"/> Antibiotic <input type="checkbox"/> Antimalarial <input type="checkbox"/> Traditional <input type="checkbox"/> Deworming <input type="checkbox"/> Vitamin <input type="checkbox"/> Paracetamol or Ibuprofen <input type="checkbox"/> Yes, but unknown <input type="checkbox"/> Other
Urine volume in last 24hrs? Select 1	<input type="checkbox"/> Not passing urine <input type="checkbox"/> Less than normal <input type="checkbox"/> Normal or greater <input type="checkbox"/> Unknown



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4. Examination	
Examination should be performed by CHAIN study clinician trained in clinical examination of children, and able to formulate a diagnosis based on clinical history and findings. Refer to Clinical Examination SOP	
Airway <i>(select one)</i>	<input type="checkbox"/> Clear <input type="checkbox"/> Needs active support <input type="checkbox"/> Obstructed/Stridor
Breathing <i>(select all that apply)</i>	<input type="checkbox"/> Normal – no concerns , (move to circulation) <input type="checkbox"/> Central cyanosis <input type="checkbox"/> Nasal flaring <input type="checkbox"/> Reduced air-entry <input type="checkbox"/> Wheeze <input type="checkbox"/> Acidotic Breathing <input type="checkbox"/> Grunting <input type="checkbox"/> Lower chest wall indrawing <input type="checkbox"/> Crackles <input type="checkbox"/> Dull to percussion <input type="checkbox"/> Head nodding
Circulation: Cap Refill (select one)	<input type="checkbox"/> >3s <input type="checkbox"/> 2-3s <input type="checkbox"/> <2s
Cold Peripheries (select one)	<input type="checkbox"/> Shoulder <input type="checkbox"/> Elbow <input type="checkbox"/> Hand <input type="checkbox"/> Warm peripheries
Disability: Conscious level (select one)	<input type="checkbox"/> Alert <input type="checkbox"/> Voice <input type="checkbox"/> Pain <input type="checkbox"/> Unresponsive
Fontanelle (select one)	<input type="checkbox"/> Normal <input type="checkbox"/> Bulging <input type="checkbox"/> Sunken <input type="checkbox"/> Not present
Tone (select one)	<input type="checkbox"/> Normal <input type="checkbox"/> Hypertonic <input type="checkbox"/> Hypotonic
Posture (select one)	<input type="checkbox"/> Normal <input type="checkbox"/> Decorticate <input type="checkbox"/> Decerebrate
Activity (select one)	<input type="checkbox"/> Normal <input type="checkbox"/> Irritable/Agitated <input type="checkbox"/> Lethargic
Dehydration: Sunken eyes?	<input type="checkbox"/> Y <input type="checkbox"/> N
Skin pinch (select one)	<input type="checkbox"/> >2 seconds <input type="checkbox"/> <2 seconds <input type="checkbox"/> Immediate
Drinking/Breastfeeding <i>(Select one)</i>	<input type="checkbox"/> Normal <input type="checkbox"/> Poorly <input type="checkbox"/> Not drinking <input type="checkbox"/> Eager / Thirsty
Abdomen <i>(select any that apply)</i>	<input type="checkbox"/> Normal – no concerns <input type="checkbox"/> Distension <input type="checkbox"/> Hepatomegaly <input type="checkbox"/> Tenderness <input type="checkbox"/> Splenomegaly <input type="checkbox"/> Other abdominal mass
Signs of Rickets	<input type="checkbox"/> None <input type="checkbox"/> Wrist widening <input type="checkbox"/> Rachitic rosary <input type="checkbox"/> Swollen knees <input type="checkbox"/> Bow legs <input type="checkbox"/> Frontal bossing
Jaundice (Select one)	<input type="checkbox"/> Not jaundiced <input type="checkbox"/> + <input type="checkbox"/> ++ <input type="checkbox"/> +++
ENT/Oral/Eyes <i>(select any that apply)</i>	<input type="checkbox"/> Mouth Normal <input type="checkbox"/> Ears Normal <input type="checkbox"/> Eyes Normal <input type="checkbox"/> Oral ulceration <input type="checkbox"/> Pus from ear <input type="checkbox"/> Conjunctivitis <input type="checkbox"/> Oral candidiasis <input type="checkbox"/> Tender swelling behind ear (mastoiditis) <input type="checkbox"/> Eye discharge <input type="checkbox"/> Stomatitis <input type="checkbox"/> Lymphadenopathy <input type="checkbox"/> Visual impairment
Skin <i>(select any that apply)</i>	<input type="checkbox"/> Normal <input type="checkbox"/> Hyperpigmentation <input type="checkbox"/> Depigmentation <input type="checkbox"/> Broken skin/excoriation <input type="checkbox"/> Dermatitis <input type="checkbox"/> 'Flaky paint' <input type="checkbox"/> Cellulitis <input type="checkbox"/> Impetigo <input type="checkbox"/> Pustules <input type="checkbox"/> Vesicles <input type="checkbox"/> Desquamation <input type="checkbox"/> Macular or papular
Site of skin lesions. <i>(select any that apply)</i>	<input type="checkbox"/> Not applicable (No rash) <input type="checkbox"/> Trunk <input type="checkbox"/> Face / scalp <input type="checkbox"/> Legs <input type="checkbox"/> Palms / soles <input type="checkbox"/> Buttocks <input type="checkbox"/> Arms <input type="checkbox"/> Perineum



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5. Suspected Chronic Conditions			
Select confirmed, suspected or none for all conditions:	Confirmed (diagnosed previously/ recorded)	Suspected (clinician's impression)	None
Cerebral palsy/neurological problem/ epilepsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrocephalus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sickle Cell disease <i>family history, crisis</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thalassaemia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Visual problem / Blindness <i>Not fixing and following</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Losing weight or not gaining weight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. Feeding			
Currently Breastfeeding?	<input type="checkbox"/> Y <input type="checkbox"/> N	If yes is the child taking anything else (exclude medicine)?	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
What did the child receive other than breast milk in the first 3 days of life? <i>Select all that apply Do not include medications e.g. ARV.</i>	<input type="checkbox"/> Sweetened/sugar water <input type="checkbox"/> Fruit Juice <input type="checkbox"/> Water <input type="checkbox"/> Pure Honey	<input type="checkbox"/> Formula/powder milk <input type="checkbox"/> Tea <input type="checkbox"/> Porridge/pulp <input type="checkbox"/> Glycerine	<input type="checkbox"/> Animal milk <input type="checkbox"/> Other <input type="checkbox"/> Gutthi / gripe water <input type="checkbox"/> Nothing

11. Immediate Clinical Investigations and HIV status			
Malaria RDT <i>circle result</i>	Positive	Negative	Not done
Blood glucose	___ . ___ mmol/L	Time glucose measured	___:___ 24h clock <input type="checkbox"/> Unknown
HIV status known?	<input type="checkbox"/> Yes, known PCR positive <input type="checkbox"/> Yes, antibody positive, unknown PCR status <input type="checkbox"/> Yes, known exposed, known PCR negative (children under 18m with PCR result SEEN BY RESEARCH TEAM. If not seen select below and perform HIV RDT <input type="checkbox"/> No, known to be HIV exposed, but child untested <input type="checkbox"/> No, child not tested, not known to be exposed		
If child known HIV positive or exposed	On any ART?	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Unknown If on treatment, ARV 1 _____ ARV 2 _____ ARV 3 _____	If on prophylaxis <input type="checkbox"/> Nevirapine prophylaxis only <input type="checkbox"/> AZT + NVP prophylaxis <input type="checkbox"/> Caregiver unsure
	Co-trimoxazole <i>select one</i>	<input type="checkbox"/> On prophylactic dose co-trimoxazole <input type="checkbox"/> On high dose co-trimoxazole <input type="checkbox"/> Not on co-trimoxazole	<input type="checkbox"/> Caregiver unsure
HIV RDT now <i>select one</i>	<input type="checkbox"/> Reactive / positive <input type="checkbox"/> Non-Reactive / Negative <input type="checkbox"/> Declined		



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If not known positive	PCR sent: <input type="checkbox"/> Y <input type="checkbox"/> N
Referred to HIV clinic	<input type="checkbox"/> Yes <input type="checkbox"/> No (select 'No' if referral not indicated)
HIV test offered to caregiver?	<input type="checkbox"/> Yes, Reactive <input type="checkbox"/> Yes, Non-reactive <input type="checkbox"/> Yes, but Declined <input type="checkbox"/> No, Caregiver is known positive <input type="checkbox"/> Missed <input type="checkbox"/> N/A child in care home
Did the mother have interventions or medication during delivery to prevent transmission of HIV to baby?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown

Birth and perinatal care

Born in THIS hospital	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not born in hospital <input type="checkbox"/> Unknown
Stayed more than one night in hospital after birth?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> N/A
Risk factors for complications	<input type="checkbox"/> None known <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Fever / unwell in labour <input type="checkbox"/> Breech presentation <input type="checkbox"/> Membranes ruptured >24h before birth <input type="checkbox"/> Premature labour <input type="checkbox"/> Offensive liquor/vaginal discharge <input type="checkbox"/> Unknown
Mother received medication during labour and delivery? <i>Select all that apply</i>	<input type="checkbox"/> No medication <input type="checkbox"/> Unknown <input type="checkbox"/> General anaesthetic <input type="checkbox"/> IV antibiotic <input type="checkbox"/> Steroid (premature labour) <input type="checkbox"/> Epidural /spinal <input type="checkbox"/> Traditional/herbal/ homeopathy <input type="checkbox"/> PMTCT <input type="checkbox"/> Misoprostol / induction of labour <input type="checkbox"/> Analgesia <input type="checkbox"/> Oxytocin <input type="checkbox"/> Antacid <input type="checkbox"/> Other <input type="checkbox"/> Yes but unknown

11. Suspected Initial Diagnoses:
*c Clinical diagnosis should be based on examination and investigation findings.
 Tick the three most likely diagnoses.*



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Respiratory	Infection	CNS
<input type="checkbox"/> LRTI/pneumonia <input type="checkbox"/> Bronchiolitis <input type="checkbox"/> URTI <input type="checkbox"/> Pulmonary TB <input type="checkbox"/> Otitis media <input type="checkbox"/> Asthma	<input type="checkbox"/> Gastroenteritis <input type="checkbox"/> Sepsis <input type="checkbox"/> Malaria <input type="checkbox"/> Extra pulmonary TB <input type="checkbox"/> Soft tissue infection <input type="checkbox"/> UTI <input type="checkbox"/> HIV related illness <input type="checkbox"/> Measles <input type="checkbox"/> Varicella <input type="checkbox"/> Osteomyelitis <input type="checkbox"/> Febrile illness unspecified <input type="checkbox"/> Enteric fever <input type="checkbox"/> Infected umbilicus	<input type="checkbox"/> Febrile convulsions <input type="checkbox"/> Epilepsy <input type="checkbox"/> Probable meningitis <input type="checkbox"/> Other encephalopathy <input type="checkbox"/> Hydrocephalus <input type="checkbox"/> Developmental delay <input type="checkbox"/> Cerebral palsy / Birth asphyxia
General		Other suspected diagnosis:
<input type="checkbox"/> Anaemia <input type="checkbox"/> Sickle Cell Disease <input type="checkbox"/> Thalassaemia <input type="checkbox"/> Renal impairment <input type="checkbox"/> Nephrotic syndrome <input type="checkbox"/> Nephritis <input type="checkbox"/> Liver dysfunction <input type="checkbox"/> Ileus <input type="checkbox"/> Congenital cardiac disease <input type="checkbox"/> Haemolytic disease newborn <input type="checkbox"/> Neonatal jaundice		<input type="checkbox"/> Other <input type="checkbox"/> Unknown <input type="checkbox"/> Failed appetite test only <input type="checkbox"/> Breast-feeding difficulty <input type="checkbox"/> Tongue tie <input type="checkbox"/> Congenital syphilis <input type="checkbox"/> Microcephaly

12. Admission Core Cohort Investigations and Sample Collection

CBC taken	<input type="checkbox"/> Y <input type="checkbox"/> N	Plain Blood (serum)	<input type="checkbox"/> Y <input type="checkbox"/> N
Clinical chemistry taken	<input type="checkbox"/> Y <input type="checkbox"/> N	Blood spot taken	<input type="checkbox"/> Y <input type="checkbox"/> N
EDTA 2ml blood taken	<input type="checkbox"/> Y <input type="checkbox"/> N	Blood culture taken (if available at site)	<input type="checkbox"/> Y BEFORE ABX <input type="checkbox"/> N <input type="checkbox"/> Y AFTER ABX
EDTA 0.5ml blood taken	<input type="checkbox"/> Y <input type="checkbox"/> N	Blood gas taken (if available at site)	<input type="checkbox"/> Capillary <input type="checkbox"/> N <input type="checkbox"/> Venous
Date Taken	Date taken _____ Time taken _____: _____ <small>DD / MM / YYYY</small>		
Unable to take blood samples, why?	<input type="checkbox"/> Difficult venepuncture <input type="checkbox"/> Child uncooperative <input type="checkbox"/> Parent refused <input type="checkbox"/> Other		
Rectal swabs taken	<input type="checkbox"/> Y BEFORE ABX <input type="checkbox"/> N Number taken <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> Y AFTER ABX Time taken _____: _____		
Stool sample	Taken in <input type="checkbox"/> Y <input type="checkbox"/> N Date taken _____ Time taken _____: _____ <small>DD / MM / YYYY</small>		



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	first 24h?
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Blood Samples taken by (initials)	_____
Rectal Swabs taken by (initials)	_____

CRF Completed by (Initials) – to be signed when complete. <i>Do not sign if any fields are empty</i>		Date	Time
	_____	____/____/____ <i>D D / M M / Y Y Y Y</i>	____:____



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PART 2

13. CHAIN ADMISSION CRF: SOCIAL INFORMATION.

To be completed within 48h of admission when child is stable. This should ideally be done in a conversational and unhurried way, with the interviewer sitting with the caregiver.

Initials of person interviewing caregiver and completing part 2 _____		Date ___/___/____ D D/M M/ Y Y Y Y
<input type="checkbox"/> Doctor <input type="checkbox"/> Clinical officer <input type="checkbox"/> Nurse <input type="checkbox"/> Field worker <input type="checkbox"/> Research Assistant <input type="checkbox"/> Other		Time ____: ____
Who is being interviewed?		
<input type="checkbox"/> Primary caregiver only	<input type="checkbox"/> Care home staff	<input type="checkbox"/> Primary caregiver and one other person
<input type="checkbox"/> Primary caregiver and more than one other person	<input type="checkbox"/> One person who is not the primary caregiver	<input type="checkbox"/> More than one person who is not the primary caregiver

14. Care-seeking Behaviour

Was the child in generally good health before this illness?	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Unknown
If No, how long has the child had this problem of generally bad health?	___ weeks <input type="checkbox"/> N/A
Does the child have health insurance?	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Unknown
How did you travel to the appointment? <i>Select all that apply</i>	
<input type="checkbox"/> Car/ Taxi <input type="checkbox"/> Ambulance <input type="checkbox"/> Bus <input type="checkbox"/> Motorbike <input type="checkbox"/> Tuk-tuk /CNG <input type="checkbox"/> Cycle rickshaw <input type="checkbox"/> Train <input type="checkbox"/> Walking <input type="checkbox"/> Other	
How long did it take you to travel to the appointment?	<input type="checkbox"/> <1h <input type="checkbox"/> 1- <2h <input type="checkbox"/> 2-4h <input type="checkbox"/> >4h <input type="checkbox"/> > 1 day
Received treatment from traditional healer, homeopathist or herbalist in last 4 weeks?	<input type="checkbox"/> Y <input type="checkbox"/> N

15. Primary Caregiver Information

This is the person who has responsibility for day to day care of the child, but is not a substitute carer such as childminder or grandparent who cares for child whilst, for example, mother is at work.

Who is the Primary Caregiver? <i>Select one</i>	<input type="checkbox"/> Biological Parent <input type="checkbox"/> Grandparent <input type="checkbox"/> Sibling <input type="checkbox"/> Aunt / Uncle / Cousin
	<input type="checkbox"/> Stepmother / father <input type="checkbox"/> Care home /orphanage <input type="checkbox"/> Other/ Unclear
Is the child's biological father alive?	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Unknown
	Is the child's biological mother alive? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Unknown
Primary Care Giver Age <i>Select one</i>	<input type="checkbox"/> <18years <input type="checkbox"/> >=18 years <input type="checkbox"/> >50years <input type="checkbox"/> N/A (care home or unclear)
Primary Care Giver Sex <i>Select one</i>	<input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> N/A Primary caregiver present at admission? <input type="checkbox"/> Y <input type="checkbox"/> N



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Has the primary caregiver lived in the same household as the child for the last 2 months?		<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A (care home)	
Marital status of primary caregiver <i>Select one</i>	<input type="checkbox"/> Married/monogamous	<input type="checkbox"/> Married polygamous	<input type="checkbox"/> Single <input type="checkbox"/> Separated / divorced <input type="checkbox"/> Widowed <input type="checkbox"/> N/A
If not present at admission, where is the primary caregiver? <i>Select one</i>			
<input type="checkbox"/> Home <input type="checkbox"/> Work <input type="checkbox"/> School <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____ <input type="checkbox"/> N/A			
If the primary caregiver is present, caregiver anthropometry: <i>Use locally available adult scales and stadiometer, and adult MUAC tapes provided by CHAIN.</i>			
<input type="checkbox"/> Primary caregiver not present during admission, or care home			
Weight: _____ kg	MUAC: _____ cm	Height: _____ cm	
Education: <i>Select highest level of education achieved</i>	<input type="checkbox"/> None <input type="checkbox"/> Primary <input type="checkbox"/> Secondary <input type="checkbox"/> Above secondary <input type="checkbox"/> Unknown <input type="checkbox"/> N/A care home		
Able to read?	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Unknown	Is the primary caregiver primarily responsible for financial support and providing for the child?	<input type="checkbox"/> Y <input type="checkbox"/> N
Primary caregiver HIV status in last 6 months <i>Select one</i>	<input type="checkbox"/> Tested Positive <input type="checkbox"/> Tested Negative <input type="checkbox"/> Not tested or unknown		
Have there been ANY changes to the child's social situation in the last 2 MONTHS? <i>Select any that apply,</i>			
Child moved to a different household	Y N	Relocation from rural to urban setting <i>Select 'yes' even if this is temporary</i>	Y N
		Relocation from urban to rural setting <i>Select 'yes' even if this is temporary</i>	Y N
		Relocation to live with different caregiver <i>Select 'yes' even if this is temporary</i>	Y N
Mother sick	Y N	Mother Died	Y N
Father sick	Y N	Father Died	Y N
Other primary caregiver sick	Y N N/A	Other primary caregiver died	Y N N/A
Primary caregiver changed	Y N	Child went into care home	Y N
Primary caregiver started employment / returned to school	Y N	Person providing for the child has lost income	Y N
Primary caregiver divorced / separated from partner	Y N	Primary caregiver in new relationship	Y N
Mother is pregnant	Y N	Mother gave birth	Y N
Other primary caregiver pregnant?	Y N N/A	Other primary caregiver gave birth	Y N N/A
If primary caregiver has changed in the last 2 months, who was the child's previous primary caregiver? <i>Select one</i>			
<input type="checkbox"/> Biologic Mother <input type="checkbox"/> Biologic Father <input type="checkbox"/> Sibling ≥18 years old <input type="checkbox"/> Sibling <18 years old			
<input type="checkbox"/> Grandparent <input type="checkbox"/> Aunt/Uncle/Cousin <input type="checkbox"/> Other <input type="checkbox"/> N/A			

16. Birth History	
Source of information	<input type="checkbox"/> Maternal/caregiver recall <input type="checkbox"/> Book/medical records
Birth weight	_____ kg <input type="checkbox"/> Unknown
Birth details <i>Select any that apply</i>	<input type="checkbox"/> Premature <input type="checkbox"/> Born small <2.5kg <input type="checkbox"/> Twin/multiple birth <input type="checkbox"/> Born at term <input type="checkbox"/> Unknown
Delivery location <i>Select one</i>	<input type="checkbox"/> Born in hospital <input type="checkbox"/> Community facility/clinic with midwife/nurse midwife/doctor



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	<input type="checkbox"/> Home without birth attendant <input type="checkbox"/> Home with traditional birth attendant (untrained) <input type="checkbox"/> Home with midwife/nurse
	<input type="checkbox"/> Other <input type="checkbox"/> Unknown
Delivery details <i>Select all that apply</i>	<input type="checkbox"/> Normal, spontaneous vaginal delivery <input type="checkbox"/> Assisted delivery (forceps, ventouse) <input type="checkbox"/> Caesarean section
	<input type="checkbox"/> Admitted neonatal unit <input type="checkbox"/> Mother admitted to hospital >48h <input type="checkbox"/> Unknown
Mother's age at first pregnancy	____ years <input type="checkbox"/> unknown
	Mother's age now
	____ years <input type="checkbox"/> unknown
Participant birth order	____ of ____ total live births <i>(e.g. if youngest of 3 children 3 of 3, if oldest of 3 children 1 of 3)</i>
Are the biological parents of this child consanguineous? <i>Ask if parents have relatives in common or are related.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown



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Antenatal care received

Source of information <i>Select all that apply</i>	<input type="checkbox"/> None <input type="checkbox"/> Maternal recall <input type="checkbox"/> Health record book <input type="checkbox"/> Other relative recall
Antenatal care received? <i>Select one</i> <i>Antenatal appointment includes any scheduled at health centre, visits in the community or organised privately. These must be for pregnancy not other medical issues</i>	<input type="checkbox"/> No antenatal care <input type="checkbox"/> At least 1 antenatal appointment <input type="checkbox"/> 2 antenatal appointments <input type="checkbox"/> More than 2 appointments <input type="checkbox"/> Unknown
Ultrasound scan? <i>Select one</i>	<input type="checkbox"/> None <input type="checkbox"/> At least one <input type="checkbox"/> More than one <input type="checkbox"/> Unknown
Medication / Supplements in pregnancy <i>Select all that apply</i>	<input type="checkbox"/> None given <input type="checkbox"/> Folic acid <input type="checkbox"/> Iron <input type="checkbox"/> Antiretrovirals <input type="checkbox"/> Cotrimoxazole/ septrin <input type="checkbox"/> Antibiotic <input type="checkbox"/> Magnesium sulphate <input type="checkbox"/> Supplementary food <input type="checkbox"/> Traditional / herbal/homeopathy <input type="checkbox"/> Malaria prophylaxis <input type="checkbox"/> Steroid <input type="checkbox"/> Malaria treatment <input type="checkbox"/> Yes but unknown <input type="checkbox"/> Multivitamin <input type="checkbox"/> Other
Antenatal blood screening	<input type="checkbox"/> No antenatal blood screening <input type="checkbox"/> Blood taken, reason unknown <input type="checkbox"/> Unknown if done <input type="checkbox"/> VDRL positive <input type="checkbox"/> VDRL negative <input type="checkbox"/> VDRL not done <input type="checkbox"/> Unknown <input type="checkbox"/> Hep B positive <input type="checkbox"/> Hep B negative <input type="checkbox"/> Hep B not done <input type="checkbox"/> Unknown <input type="checkbox"/> HIV positive <input type="checkbox"/> HIV negative <input type="checkbox"/> HIV not done <input type="checkbox"/> Unknown <input type="checkbox"/> Blood group done <input type="checkbox"/> Not done <input type="checkbox"/> Unknown
Estimated gestation	<input type="checkbox"/> < 36 weeks <input type="checkbox"/> 36-42 weeks <input type="checkbox"/> >42 weeks <input type="checkbox"/> unknown

Mother received blood transfusion during or after birth	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Baby admitted to neonatal unit? <i>Select all that apply</i>	<input type="checkbox"/> Not admitted <input type="checkbox"/> No, admitted postnatal ward <input type="checkbox"/> Yes for respiratory support (including Oxygen) <input type="checkbox"/> Yes for antibiotics <input type="checkbox"/> Yes for IV fluids / hypoglycaemia <input type="checkbox"/> Yes for jaundice <input type="checkbox"/> Yes for transfusion <input type="checkbox"/> Yes other <input type="checkbox"/> Unknown
Baby passed stool within 24h of birth <i>(including meconium during delivery)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Is weight > birthweight now?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <i>(if birthweight is unknown but baby now weighs >4.5kg select 'yes')</i>



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Feeding and lactation support	
Baby breast fed within 12h of birth?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Age at first breast feed	<input type="checkbox"/> <=1h <input type="checkbox"/> 1-4h <input type="checkbox"/> >4-12h <input type="checkbox"/> >12h <input type="checkbox"/> Not applicable <input type="checkbox"/> Unknown
Breast feeding at all now? <i>If mother intends to breastfeed but baby unwell select yes</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
YES breastfeeding now If not exclusively breast feeding, why? <i>Ask what else the mother is giving the baby. If giving other food/milk ask why</i>	<input type="checkbox"/> Not applicable (exclusively breastfeeding) <input type="checkbox"/> Not enough milk <input type="checkbox"/> Baby struggled to breastfeed <input type="checkbox"/> Mother unwell <input type="checkbox"/> Unknown <input type="checkbox"/> Other
Does the mother have any help with breast feeding? <i>Select all that apply. 'Relative' refers to relative of the child. Ask the mother if she feels there is active and positive support of breast feeding</i>	<input type="checkbox"/> No support with breast feeding <input type="checkbox"/> Yes maternal relative <input type="checkbox"/> Yes paternal relative <input type="checkbox"/> Yes father <input type="checkbox"/> Yes midwife/ community health worker <input type="checkbox"/> Yes other
Does the mother/caregiver intend to continue breast feeding once the baby is over 6m old?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unsure
NO, Not breastfeeding at all now (if mother not intending to breastfeed) Has the child ever breast fed since birth?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Why has breastfeeding stopped? <i>Select one, the main reason</i>	<input type="checkbox"/> Mother HIV positive <input type="checkbox"/> Not enough milk <input type="checkbox"/> Baby struggled to breastfeed <input type="checkbox"/> Mother unwell <input type="checkbox"/> Mother died, not present <input type="checkbox"/> Other
Does the mother have any help with feeding? <i>Select all that apply. 'Relative' refers to relative of the child.</i>	<input type="checkbox"/> No support with feeding <input type="checkbox"/> Yes maternal relative <input type="checkbox"/> Yes paternal relative <input type="checkbox"/> Yes father <input type="checkbox"/> Yes midwife/ community health worker <input type="checkbox"/> Yes other
Does the mother/caregiver have any help with the baby? <i>Select all that apply. 'Relative' refers to relative of the child</i>	<input type="checkbox"/> No help <input type="checkbox"/> Yes maternal relative
	<input type="checkbox"/> Yes paternal relative <input type="checkbox"/> Yes father <input type="checkbox"/> Yes midwife /community health worker <input type="checkbox"/> Yes other
Does the caregiver buy other sources of milk for the baby? <i>Select all that apply</i>	<input type="checkbox"/> No <input type="checkbox"/> Yes infant formula <input type="checkbox"/> Yes other breast milk <input type="checkbox"/> Yes cows milk <input type="checkbox"/> Yes other
Was the mother working prior to giving birth?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Is the mother working now?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Maternity pay?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown



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17. Household Food Security (if child in care home include children in the care home only)		
During the past 7 DAYS has ANY member of the household missed a meal due to food shortage?	<input type="checkbox"/> Y	<input type="checkbox"/> N <input type="checkbox"/> Unknown
During the past 4 WEEKS		
Did you worry that your household would not have enough food?	<input type="checkbox"/> Y	<input type="checkbox"/> N <input type="checkbox"/> Unknown
Were any of your household unable to eat the kinds of food preferred because of a lack of resources?	<input type="checkbox"/> Y	<input type="checkbox"/> N <input type="checkbox"/> Unknown
Have any of your household had to eat a limited variety of food due to lack of resources?	<input type="checkbox"/> Y	<input type="checkbox"/> N <input type="checkbox"/> Unknown
Have any of your household eaten some foods that you really didn't want to eat because of lack of resources?	<input type="checkbox"/> Y	<input type="checkbox"/> N <input type="checkbox"/> Unknown
Have any of your household eaten fewer meals in a day because there was not enough food?	<input type="checkbox"/> Y	<input type="checkbox"/> N <input type="checkbox"/> Unknown
Did household members go to sleep at night hungry because there was not enough food?	<input type="checkbox"/> Y	<input type="checkbox"/> N <input type="checkbox"/> Unknown
Did you or your household members go a whole day and night without eating anything because there was not enough food?	<input type="checkbox"/> Y	<input type="checkbox"/> N <input type="checkbox"/> Unknown

CRF Completed by (Initials) – to be signed when complete. <i>Do not sign if any fields are empty</i>	____	Date ____/____/____ <i>D D / M M / Y Y Y Y</i>	Time ____:____
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END



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