



CHAIN Number [1][0][0][0][3][][][][]

Follow up at 180 days after discharge			
DATE SEEN:	___/___/____ D D / M M / Y Y Y Y	TIME SEEN: 24H Clock	__:__:__
Seen at:	<input type="checkbox"/> Hospital / clinic	<input type="checkbox"/> Seen in community	<input type="checkbox"/> Not seen
Informed consent reviewed with caregiver	<input type="checkbox"/> Yes <input type="checkbox"/> No	Caregiver gives consent for samples at this appointment?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If not seen	<input type="checkbox"/> Confirmed alive only e.g. telephoned to confirm vital status	DATE CONTACTED	___/___/____ D D / M M / Y Y Y Y
	<input type="checkbox"/> Confirmed dead Complete verbal autopsy	DATE CONTACTED	___/___/____ D D / M M / Y Y Y Y
	<input type="checkbox"/> Unable to contact by telephone or home visit	DATE OF LAST TELEPHONE CALL	___/___/____ D D / M M / Y Y Y Y
		DATE OF HOME VISIT If patient did not attend and could not be reached by telephone	___/___/____ D D / M M / Y Y Y Y

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



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HOSPITAL ADMISSIONS				
Any admissions (e.g. overnight stay) to a hospital since D90?				Yes <input type="checkbox"/> No <input type="checkbox"/>
If Yes: Admission date	Hospital Name	Length of stay (days)	Main symptoms (up to two)	Source of information
___/___/___ D D / M M / Y Y Y Y		___	a) b) <input type="checkbox"/> Unknown	<input type="checkbox"/> Hospital letter or medical file <input type="checkbox"/> Parent/carer report
___/___/___ D D / M M / Y Y Y Y		___	a) b) <input type="checkbox"/> Unknown	<input type="checkbox"/> Hospital letter or medical file <input type="checkbox"/> Parent/carer report
___/___/___ D D / M M / Y Y Y Y		___	a) b) <input type="checkbox"/> Unknown	<input type="checkbox"/> Hospital letter or medical file <input type="checkbox"/> Parent/carer report

Current Health			
Child in usual state of health now?	Y N	If No, length of current illness	Number of days: _____
What symptoms are present now? <i>Select up to 3:</i>			
<input type="checkbox"/> No symptoms, child is well <input type="checkbox"/> Vomiting <input type="checkbox"/> Fever / Hotness of body <input type="checkbox"/> Lethargy <input type="checkbox"/> Diarrhoea <14 days <input type="checkbox"/> Difficulty breathing <input type="checkbox"/> Convulsions <input type="checkbox"/> Diarrhoea >14 days <input type="checkbox"/> Cough<14 days <input type="checkbox"/> Altered consciousness <input type="checkbox"/> Blood in stool <input type="checkbox"/> Cough>14days <input type="checkbox"/> Not feeding			
Medication last 7 days. <i>Circle any that apply</i>	<input type="checkbox"/> No medication <input type="checkbox"/> Antibiotic <input type="checkbox"/> Antimalarial <input type="checkbox"/> Deworming <input type="checkbox"/> Yes, but unknown <input type="checkbox"/> Traditional / herbal / homeopathy <input type="checkbox"/> Other _____		



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Outpatient Appointments		
Participant attended outpatient appointment since D90?		
<input type="checkbox"/> Nutrition follow-up only	Y	N
<input type="checkbox"/> General paediatric appointment	Y	N
<input type="checkbox"/> Cardiology appointment	Y	N
<input type="checkbox"/> Neurology appointment	Y	N
<input type="checkbox"/> HIV clinic	Y	N
<input type="checkbox"/> TB clinic	Y	N
<input type="checkbox"/> Sickle cell or thalassaemia clinic	Y	N
<input type="checkbox"/> Outpatient blood transfusion	Y	N
<input type="checkbox"/> Specialist Radiology	Y	N
<input type="checkbox"/> Other specialist paediatric appointment	Y	N

Caregiver Appointments		
Caregiver attended outpatient appointment since D90?		
<input type="checkbox"/> No outpatient appointment	<input type="checkbox"/> Not applicable – child in care	
<input type="checkbox"/> Psychiatry follow-up	Y	N
<input type="checkbox"/> Antenatal care	Y	N
<input type="checkbox"/> HIV clinic	Y	N
<input type="checkbox"/> TB clinic	Y	N
<input type="checkbox"/> Other	Y	N

Feeding			
Currently in outpatient nutrition program? <i>Select one. If not in feeding program circle 'none'</i>	<input type="checkbox"/> Supplementary <i>(corn soy blend, RUSF, khichuri, halwa etc)</i>	<input type="checkbox"/> Therapeutic <i>(RUTF, Plumpy-nut)</i>	<input type="checkbox"/> None
Has the child eaten these nutrition products in the last 3 days?	<input type="checkbox"/> Supplementary	<input type="checkbox"/> Therapeutic	<input type="checkbox"/> None
Currently Breastfeeding?	<input type="checkbox"/> Y <input type="checkbox"/> N	If yes, taking other foods/fluids?	<input type="checkbox"/> Y <input type="checkbox"/> N
If NO breastfeeding at all, age stopped (in months)? <i>Select one</i>	<input type="checkbox"/> 0-3m	<input type="checkbox"/> 4-6m <input type="checkbox"/> 7-12m	<input type="checkbox"/> >12m <input type="checkbox"/> Unknown



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Vaccinations – Ask carer or check book / card if available							
BCG scar	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Rotavirus	<input type="checkbox"/> Book	<input type="checkbox"/> Self report	<input type="checkbox"/> Not received	Doses received: 3 2 1 <input type="checkbox"/> Unknown
	<input type="checkbox"/> Book	<input type="checkbox"/> Self report		<input type="checkbox"/> Book	<input type="checkbox"/> Self report	<input type="checkbox"/> Not received	Doses received: 3 2 1 <input type="checkbox"/> Unknown
Measles	<input type="checkbox"/> Not received	<input type="checkbox"/> Unknown	DTP/Penta	<input type="checkbox"/> Book	<input type="checkbox"/> Self report	<input type="checkbox"/> Not received	Doses received: 3 2 1 <input type="checkbox"/> Unknown
			Polio	<input type="checkbox"/> Book	<input type="checkbox"/> Self report	<input type="checkbox"/> Not received	

TB Screening							
Known TB (on treatment)		Child has cough >14 days		Household contact has TB, or cough >14 days		Child has suspected extrapulmonary TB	
Y	N	Y	N	Y	N	Y	N



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CHANGES TO CHILD'S SOCIAL SITUATION				
Has the primary caregiver mostly lived in the same household as the child since last appointment?			<input type="checkbox"/> Y <input type="checkbox"/> N	
Has the primary caregiver attended any medical appointments since last appointment?		<input type="checkbox"/> Y <input type="checkbox"/> N		
Primary caregiver HIV status since discharge <i>Select one</i>		<input type="checkbox"/> Known positive on treatment	<input type="checkbox"/> Known positive not on treatment	<input type="checkbox"/> Known negative
Have there been changes to the child's social situation since discharge? <i>Select any that apply</i>				
Child moved to a different household	Y N	Relocation from rural to urban setting	Y N	
		Relocation from urban to rural setting	Y N	
		Relocation to live with different caregiver	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 since discharge 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	



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Child Dietary Diversity

What does your child eat on a typical day?

ASK THIS AS AN OPEN QUESTION AND SELECT ALL THAT THE CAREGIVER MENTIONS. DO NOT PRESENT THE CAREGIVER WITH THIS LIST. YOU MAY PROMPT THE CAREGIVER WITH OPEN QUESTIONS, e.g. WHAT DOES YOUR CHILD USUALLY EAT FOR BREAKFAST

<input type="checkbox"/> Milk and Milk Products: Fresh/fermented milk, cheese, yogurt, or other milk products
<input type="checkbox"/> Breast milk
<input type="checkbox"/> Cereals and Cereal Products: Maize, rice, pasta, porridge, bread, biscuits, millet, sorghum, wheat and any other locally available grains
<input type="checkbox"/> Fish and Sea Foods: fresh or dried fish or shellfish
<input type="checkbox"/> Roots and Tubers: potatoes, sweet potatoes, yams, cassava, or foods made from roots or wild roots and tubers
<input type="checkbox"/> Vegetables: Cabbages, carrots, spinach, and any other locally available vegetables including wild vegetables
<input type="checkbox"/> Fruits: Oranges, bananas, mangoes, avocados, apples, grapes etc
<input type="checkbox"/> Meats and Poultry: Camel, beef, lamb, goat, rabbit, wild game, chicken or other birds, liver, kidney, heart, other organ meats or blood-based foods
<input type="checkbox"/> Eggs: Hen or other bird eggs
<input type="checkbox"/> Pulses / Legumes / Nuts and Seeds: Beans, peas, lentils, nuts, seeds or foods made from these
<input type="checkbox"/> Fats and Oils: Oil, fats, ghee, margarine or butter added to food or used for cooking
<input type="checkbox"/> Sugars / Honey and Commercial Juices: Sugar in tea, honey, sweetened soda, juices, chocolates, sweets or candies
<input type="checkbox"/> Miscellaneous: Spices, unsweetened beverages

Household Food Security

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



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D180 Core Cohort Investigations and Sample Collection			
EDTA 0.5ml blood taken	<input type="checkbox"/> Y <input type="checkbox"/> N	Serum sample taken?	<input type="checkbox"/> Y <input type="checkbox"/> N
EDTA 2ml plasma blood taken	<input type="checkbox"/> Y <input type="checkbox"/> N	Clinical chemistry sample taken?	<input type="checkbox"/> Y <input type="checkbox"/> N
Heparinised sample for PBMC <i>Immunology substudy sites</i>	<input type="checkbox"/> Y <input type="checkbox"/> N	Blood spot taken	<input type="checkbox"/> Y <input type="checkbox"/> N
Unable to take discharge blood samples, why?	<input type="checkbox"/> N/A <input type="checkbox"/> Difficult <input type="checkbox"/> Child uncooperative <input type="checkbox"/> Parent refused <input checked="" type="checkbox"/> Other venepuncture within 12h <input type="checkbox"/> Readmitted taken		
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	<input type="checkbox"/> Y <input type="checkbox"/> N ____/____/____ Time taken ____: ____ D D / M M / Y Y Y Y <input type="checkbox"/> Unknown		

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>	____:____

COMPLETE STUDY CONCLUSION FORM AFTER DAY 180 VISIT

IF child does not attend day 180 appointment, continue to attempt to contact the family for 6 weeks after scheduled.