

# **Patients' Cost Tool**

# **Children Hospitalised with Acute Illness**

	KILIFI MOMBASA NAIROBI MIGORI
Study site	KAMPALA MBALE
Date of interview (dd/mm/yyyy)	d d m m y y y y
Participant Initials	
Inpatient/Serial Number	
Study	Trial Non-Trial
Study Number	[][][][][][][][]
Place of Interview	☐ Facility ☐ Household ☐ Phone
Interviewer initials	



#### Introduction to the patient:

- I. As part of the [main] study, we also mentioned that we are interested in the costs that people face when they are seeking health care. Therefore, we would like to inquire how much people spend on healthcare, and more specifically on severe acute malnutrition before and during diagnosis and during treatment.
- II. It is important for you to understand that your participation in this study is completely voluntary. We would be grateful if you would agree to participate in this study, but do feel free to refuse. If you refuse, there will be no consequence for you and you will receive whatever care and treatment you need at the health facility as usual. If you decline to participate you will not lose any benefit that you are entitled to such as receiving care and support that is provided at the hospital.
- III. If you choose to participate in this study you need to know that you may withdraw from the study at any stage without giving any explanation for your withdrawal. Your answers will be kept confidential. At some point, I will ask you about your personal income and the income of your household. We will NOT provide this information to anyone including after the end of the study.
- *IV.* This survey will take about 30 45 minutes.



### A. Caregiver's (interviewee) Information

This section is about the caregiver's (interviewee) information.

Interviewee Information (to be fille	ed in by interviewer)	
1. Interviewee	□ Biological parent □ Grandparent □	□ Sibling
(Tick only one)	□       Aunt/Uncle/Cousin       □       Stepmother/stepfath         □       Care home/orphanage       □       Other (Specify)	1er
2. Gender of the interviewee	□ Male	
(Tick only one)	□ Female	
3. Interviewee's age in years		
	years 🗆 Un	known
<ol> <li>How long is the travel time to y (Indicate both forms of travel.</li> </ol>	your nearest government health facility?	
If walking, how long is the travel time	H H M M Indicate 0 if it's by transport only	
If taking transport, how long is the tr	ravel time?	
	Indicate 0 if it's by walking only	

### **CURRENT VISIT**

#### B. Patient/Guardian Travel Cost

We will discuss about your <u>current visit</u> to this hospital. This section of the questionnaire asks about the costs of travel to this hospital <u>on the dav of admission</u>.

Patient's/Guardian's Travel Costs											
5. How did you travel from home to this hospital on the day of admission?											
Please indicate the form of the form of the form of the lf you used more than one for distance											
Car/Taxi(K)/Special hire Tuk-tuk Walking	(UG)	🗆 Bio	is/Matatu(K cycle nbulance		Ĺ						
6. Please indicate other			·		-						
(You can give more than one	ansv	ver. Tick no	other forms o	of travel if	they use	d only one form of	f transport)				
No other forms of travel Motorbike Train Other (Specify)		Car/Taxi( Tuk-tuk Walking 	K)/Special I	hire (UG)		Bus/Matatu(K) Bicycle Ambulance	/Taxi(UG)				



				<b>6</b> \ .1			140	Т			
7.	7. What was the total cost of travel ( <u>one-way</u> fare) that you paid for yourself?										
(P	(Please indicate amount in whole numbers and indicate 0 if fare not paid or if private means was used)										
(	<u></u>	<u></u>									
8.	Did you pay extra fare f	or the child?	2				Yes	□ No			
0.	Dia you pay oxita late i		•				100				
9.	How much time did it ta	ke vou to tra	avel fro	m home	e to the	hospita	? (One-wav tr	avel on the dav			
•	of admission)	,					<u>,</u>	,			
	of admission)										
		Н	Н	M	/[						
		11	11	1.1	1						

#### **CURRENT VISIT**

### C. Patient/Guardian Hospital Stay and Time Cost

We are still discussing about your <u>current visit</u> to this hospital. This section of the questionnaire also asks about the costs and effect of staying in this hospital with your child on your other activities.

Patient's/Guard	ian's Time Costs
10. How much did you pay for the child and the current visit?	<b>yourself</b> during the entire stay in this hospital in
(Select corner tick box if they don't know. Indicate	the amount if the costs were waived or reimbursed)
Item	Amount (Indicate the payment in whole numbers)
Hospital administration fees	
Food	
Accommodation/Bed charges	
Drugs (plus travel costs outside facility to obtain drugs)	
Tests (plus travel costs to other hospital/diagnostic center	r for tests)
Subtotal formal hospital payments	
Diapers	
All other payments	
TOTAL	
Amount waived or reimbursed	
11. How did you now for the costs of the entir	a atov in this hospital?
11. How did you pay for the costs of the entir (You can tick more than one answer. If they do	n't know, please tick the 'Don't know' box only)
□ Cash	Community health insurance scheme
Mobile/visa/master card	Given opportunity to pay later (credit)
Private/employment health insurance	□ National Insurance (E.g. NHIF)
Waived/Exempted	Other (Specify)
Don't know	



12. What would you otherwise have been doing as your **MAIN** activity if you had not come to this hospital?

(Select only <u>one MAIN</u> activity. Indicate how much time taken off to take the child to hospital and amount paid for any hired labor or assistance. If they don't know, tick the corner boxes)

Activity	Days lost	Amount paid for hired labor or assistance						
Income activities								
Paid work								
Own business								
Non-income activities								
Housework/own farm work								
Child care								
□ Caring for a relative/friend								
□ Attending school/college/university								
□ Voluntary work								
□ Seeking work								
Other (Specify)								

#### **CURRENT VISIT**

#### D. Companion Travel Costs

In relation to the <u>current visit</u> and stay in this hospital, this section of the questionnaire asks about costs incurred by anyone else that accompanied you and the child to this hospital.

13. How many <u>other people</u> accompanied you and the child to the hospital for the current hospital stay?											
(If no one accompanied, fill 0)											
14. Who accomp	anie	d you and the child t	o the h	ospital for the hospital stay?							
(You may tick more than one answer. If no one accompanied them, tick 'no one' box only).											
No one Other relative		Partner/Spouse Paid caregiver		Child/Children under 18 years Other (Specify)							



#### 15. What was the total costs for the people accompanying you and the child for the hospital stay?

No one accompanied them to hospital (if ticked, skip the rest of the question) 

(Indicate the person as highlighted in Qn. 14 when asking and tick the corner box in each cell if they don't know amount spent. Do not write the currency (KSH/UGX).

	Person 1	Person 2	Person 3	Person 4	Person 5	Person 6	Person 7
Time spent at the							
hospital in days		<u> </u>		<u> </u>			<u> </u>
Travel costs (one-way	Days 🗆	Days	Days 🗌				
to hospital for admission)				П			
Food costs (total)							
Accommodation costs(total)							
Other costs (total)							
Subtotal costs per visit				п			_
MAIN activity if they were not in hospital							
(Use codes A-I below)							
Time taken off from MAIN activity							
	Days 🗆	Days□	Days 🛛				

Income activities:

- Paid work Α. В. Own business
- Non-income activities

Housework/own farm work C.

Child Care D. F.

Caring for a relative/friend

Non-income activities (continued)

- Voluntary work F.
- Attending school/college/university G.
- н. Seeking work
- 1 Other

### **CURRENT VISIT**

#### E. Childcare and Other dependants

This section of the questionnaire asks about any assistance that you needed to look after your other child/children and dependants because you had to bring this child to hospital. We are only interested in the assistance you needed because you had to bring this child to hospital and not for any other reason.

#### (If child is from an orphanage/care home, tick 'NA' in this section)



16. How many different people (excluding yourself) have looked a and dependents because you were in hospital?	after your other child/children
(Indicate 0 if you did not get someone to look after other child/childre other children/dependents. Tick NA if from orphanage)	n or dependents or if there are no
People	□ Don't know □ NA
17. Think about the person that has spent the most time caring for dependents. How many days did they spend looking after you dependents while you were at the hospital?	
(Please indicate 0 if there was no child care and NA if from orphanage	e)
Day(s)	Don't know     NA
18. Did you pay that person to look after your other child/children you were at the hospital?	or other dependents while
<ul> <li>☐ Yes</li> <li>☐ No</li> <li>☐ To be paid later</li> </ul>	
<ul> <li>Don't know</li> <li>N/A (<i>if there was no child care or if child is from an orphanage</i>)</li> </ul>	
19. What would that person have been doing as their MAIN activ looking after your other child/children or other dependents wh (Select only <u>one MAIN</u> activity and tick corner boxes if the 'don't know'. Indicate he the care of other children/dependents)	nile you were at the hospital?
Activity	Days lost
□ N/A (No other child/children or dependents or no child care or from care home)	
Income activities	
Paid work	
Paid work     Own business	
Paid work	
<ul> <li>Paid work</li> <li>Own business</li> <li><u>Non-income activities</u></li> </ul>	
<ul> <li>Paid work</li> <li>Own business</li> <li><u>Non-income activities</u></li> <li>Housework/own farm work</li> </ul>	
<ul> <li>Paid work</li> <li>Own business</li> <li><u>Non-income activities</u></li> <li>Housework/own farm work</li> <li>Child care</li> </ul>	
<ul> <li>Paid work</li> <li>Own business</li> <li><u>Non-income activities</u></li> <li>Housework/own farm work</li> <li>Child care</li> <li>Caring for a relative/friend</li> </ul>	
<ul> <li>Paid work</li> <li>Own business</li> <li>Non-income activities</li> <li>Housework/own farm work</li> <li>Child care</li> <li>Caring for a relative/friend</li> <li>Attending school/college/university</li> </ul>	



### F. Socioeconomic information: household situation

Could you please provide details about yourself and members of the household? These sections will be about your household situation.

Socioeconomic Information: Household Situation, Income	e and Spending
20. What is the total number of members in your hous	sehold?
Select 'Don't know' checkbox if they do not know the details	
Adults (above 18 years old)	Don't know
Children (under 6 months old)	Don't know
Children (between 6 months and 2 years)	Don't know
Children (between 2 years and 5 years)	Don't know
Children (between 5 years and 18 years)	Don't know
Total	Don't know
21. How many people sleep in your household (includ	ling the patient)?
22. How many rooms are there in the household for s	Don't know
rooms	Don't know
23. How many of the household members are earning	
people	Don't know NA
24. What is your estimated average income and your numbers and if from care home/orphanage, tick NA. If no	
	Don't Know
Whole household	Don't know
25. How many other people in the household were re-	
(Indicate 0 if no other member of household was receiving tr	eatment and NA if from care home/orphanage)
26. On average, how much did it cost for treatment of	Don't know INA
<u>one month</u> ? (Indicate in whole numbers)	
(Please indicate 0 if no other household member was receivi orphanage)	ng treatment and NA If from care nome or



Study no:	[_	_]	[	]	[	]	[_]	]	[_]	]	[_	]	[_	]	[_	]
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								n't know		ΝΙΑ		
							🗆 Do	on't knov	v 🗆	NA		
27. What is the MAIN FLOOR material of the rooms in your household? Select one that apply												
□ Cement □ Earth/Sand □ Wood												
Cement     L Earth/Sand     L Vvood     Lives on boat     Tiles												
Carpet   Other (Specify)   Unknown												
28. What is the <b>MAIN EXTERIOR WALL</b> material of your household? Select one that apply												
□ Grass/straw/makuti □ Stone □ Wood □ Planks/shingles □ Corrugated iron sheets/Tin □ Mud/dung □ Brick/block												
Other (Specify)	<u> </u>	wall	h			nknown			<u> </u>			
29. What is the MAIN ROOF material of the house your household? Select one that apply												
□       Grass/thatch/makuti       □       Tiles/Asbestos sheets       □       Corrugated iron/tin         □       Mud       □       Nylon papers/clothes       □       Concrete         □       Other (Specify)       □       Unknown       □       Concrete												
30. What is the MAIN sour	ce of cool	king fu	<b>iel</b> in y	/our h	ouse	hold? Sele	ect one	that appl	У			
□ Electricity □ LPG /N □ Charcoal □ Firewoo □ Animal Dung □ No food □ Unknown		-				shrubs/gr	ass [	🗆 Agricu		p		
31. What is the MAIN sour	ce of light	<b>ing</b> in	your h	nouse	hold?	Select on	e that a	pply				
□ Electricity □ Kerose □ Firewood □ Solar □ Other(Specify)	ne (lamp)				as Inkno	wn	□ C;	andle				
32. Does your household ha	ave a bank	(		<b>–</b> Y	es		No		Don't kn	ow		
33. Does your household has schemes? (e.g. Sacco, co		•		⊐ Y	es		No		Don't Kr	NOM		
34. Does your household or				⊐ Y	es		No		Don't kn	ow		
35. Does your household o	wn a televi	sion?		⊐ Y	es		No		Don't kn	ow		
36. Does your household or	wn a comp	outer		□ Y	es		No		Don't kn	ow		
37. Does your household or	wn a refrig	erator	?	<b>–</b> Y	es		No		Don't kn	ow		
38. How many acres of land household own? (Indicat by household)	te 0 if no lan	d owne					Acres		Don't kn	ow		
39. Does any member of th	is househo	old own	า?									



A watch	□ Yes	□ No	Don't know
An animal-drawn cart	□ Yes	□ No	Don't know
A bicycle	□ Yes	□ No	Don't know
A motorcycle	□ Yes	□ No	Don't know
A car or truck	□ Yes	□ No	Don't know
A boat with a motor	□ Yes	🗆 No	Don't know
A mobile phone	□ Yes	□ No	Don't know

### G. Coping costs

Coping costs	
40. Where did you get the (Please select all that ap)	funds to pay for costs incurred during the current illness? bly)
a) Borrowed	□ Yes □ No □ Don't know
i) If <b>YES</b> , how much did you borrow, what is the interest rate and period of the loan? ( <i>Tick corner boxes if</i> <i>they don't know</i> )	Amount (indicate whole amount)Interest rate (in %)Loan period (in days)Loan 1%days]Loan 2%days]Loan 3%days]Loan 4%days]Loan 5%days]
ii) From whom did you borrow? ( <i>Please select</i> <i>all that apply</i> )	<ul> <li>□ Family</li> <li>□ Neighbours/Friends</li> <li>□ Private bank</li> <li>□ Cooperative/Sacco</li> <li>□ Other (Specify)</li> </ul>
b) Did you sell household assets/property?	□ Yes □ No □ Don't know
<ul> <li>i) If YES, what did you sell? (Please select all that apply)</li> </ul>	Land       Vehicle/Motorcycle/Bicycle         Livestock       Household item         Farm produce       Other (Specify)
<ul> <li>c) Have cash available from bank, savings scheme, family, friends, relatives (no repayment expected)</li> </ul>	□ Yes □ No □ Don't know
<ul> <li>d) Given opportunity to pay later (credit) at health facility</li> </ul>	□ Yes □ No □ Don't know
e) Organized fundraising	□ Yes □ No □ Don't know
f) Used insurance	□ Yes □ No □ Don't know
<ul> <li>i) If YES, what insurance cover did you have? (Please select all that apply)</li> </ul>	<ul> <li>□ National insurance (e.g. NHIF)</li> <li>□ Community based health insurance</li> <li>□ Other (Specify)</li> </ul>



g) Waived/Exempted	□ Yes	□ No	Don't know		
h) 🗆 Other (Specify)					
i) 🛛 Don't know					
41. Did any other child in t school because of the			□ Yes	□ No	Don't know

### **PREVIOUS VISIT**

This section of the questionnaire asks about costs associated with **previous treatment of this illness** prior coming to this hospital.

42. During the <u>current illness</u> , how long did the chil before you went to seek treatment?	Days		
43. Did you seek treatment or advice concerning this child's illness prior coming to this hospital?	□ Yes	□ No	Don't know

#### H. PRIOR OUTPATIENT

44. How much did you spend on **<u>vourself and the child</u>** on <u>**current illness**</u> for each of these <u>**prior outpatient**</u> visits when you were seeking treatment or advice?

□ No prior outpatient visit (if ticked, skip the rest of this question)

Use the codes below to fill provider details If the detailed bill is not available, sub-totals can be indicated. If they don't know, tick the corner boxes.

<b>For A – D, I specify public or private</b>	A. Hospital	D. Dispensary	G. Traditional Healer
01. Public health facility	B. Health Centre	E. Pharmacy/Chemist	H. Religious/Cultural Healers
02. Private health facility	C. Clinic	F. Shop	I. Nutritional clinics

	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6	Visit 7	Total
Provider: Where did they seek treatment or advice? (Select from A-I)	П	П	П	П		п		
Provider: Public or Private? (Select either 01 or 02 if A-D,I was chosen)								
Total time spent per visit ( <i>in hours and/or</i> <i>minutes including</i> <i>travel time</i> )						<u>H</u> H : <u>M</u> M	<u>H</u> H : <u>M</u> M	$\underline{H} \underline{H} : \underline{M} \underline{M}$
Administrative costs (consultation and registration)								
Test costs (x-rays, laboratory) + transport costs to take the test)								
Drug costs (total)								





Therapeutic food and diet				
Subtotal medical direct costs per visit <u>(A)</u>				
Travel costs (return total)				
Food costs (total)				
Subtotal travel and food costs per visit (B)				
TOTAL COSTS (A + B)				

Extra people accompanying child for prior outpatient visits								
<ul><li>45. How many other people accompanied you and the child to the hospital for previous outpatient visits?</li><li>(If no prior outpatient visits or no one accompanied, fill 0)</li></ul>								
		people		Don't know				
46. Who accompanied you	and t	he child to the hospital for previous	outpa	tient visits?				
(You may tick more than one answ	er. If n	o prior outpatient visit or no one accomp	oanied	tick 'no one' box only).				
□ No one		Don't know						
<ul><li>Partner/Spouse</li><li>Paid caregiver</li></ul>		Child/Children under 18 years Other (Specify)		Other relative				

47. How much extra costs were incurred for the any other person accompanying the child to hospital for the previous outpatient?

> □ No one accompanied them to hospital or no prior outpatient visit (if ticked, skip the rest of this question)

If the detailed bill is not available, sub-totals can be indicated. Tick the corner boxes if they don't know.

	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6	Visit 7	Total
Travel costs (one-way to hospital for outpatient)								
Food costs (total)								
Other costs (total)								



Subtotal costs				
per visit				

#### I. PRIOR ADMISSIONS

We are still discussing costs incurred during previou this hospital	us treatment of current illi	<u>ness</u> prior t	o coming to
48. Has the child been hospitalized (at least one overnight stay) after experiencing these symptoms for the current illness and not including this admission?	☐ Yes number of times	□ No	Don't know

49. How much did you spend on the **<u>yourself and the child</u>** on <u>**current illness**</u> for each of these **prior** <u>**inpatient**</u> stays when the child was hospitalized (*overnight stay*)?

#### □ No prior admissions (*if ticked, skip the rest of this question*)

Use the codes below to fill provider details. If the detailed bill is not available, sub-totals can be indicated. Tick the corner boxes if they don't know.

For A – D, specify public or private	A. Hospital	D. Dispensary	G. Traditional Healer
01. Public health facility 02. Private health facility	B. Health Centre C. Clinic	E. Pharmacy/Chemist	H. Religious/Cultural
		F. Shop	Healers

	Admission 1	Admission 2	Admission 3	Admission 4	Admission 5	Admission 6	Total
Provider: Where did they seek treatment or advice? (Select from A-H)							
Provider: Public or Private? (Select either 01 or 02 if A-D was chosen)							
Total time spent per hospital stay	Days 🛛	Days 🛛	Days 🛛	Days 🗆	Days 🛛	Days 🛛	Days 🛛
Administrative costs (consultation, registration and admission)							
Test costs (x-rays, laboratory etc.)							
Drug costs (total)							
Subtotal medical direct costs per visit ( <u>A)</u>							
Travel costs for the child (one-way)							
Travel costs for the carer (one-way)							





Food costs (total)				
Accommodation / bed charge costs (total)				
Subtotal travel, accommodation and food costs per visit <u>(B)</u>				
TOTAL COSTS (A + B)				



50. How many other people accompanied you and the child to the hospital for previous admission? (If no prior admissions or no one accompanied, fill 0)						
			people		Don't know	
	51. Who accompanied you and the child to the hospital for previous admission?					
(You may tick more than one answer. If no prior admissions or no one accompanied tick 'no one' box only).						
	No one		Don't know			
	Partner/Spouse Paid caregiver		Child/Children under 18 years Other (Specify)		Other relative	

- 52. How much <u>extra costs</u> were incurred for the <u>any other person accompanying</u> the child to hospital for the <u>previous admission</u>?
  - □ No one accompanied them to hospital or no prior admission (*if ticked, skip the rest of this question*)

#### If the detailed bill is not available, sub-totals can be indicated. Tick the corner boxes if they don't know.

	Admission 1	Admission 2	Admission 3	Admission 4	Admission 5	Admission 6	Total
Travel costs (one-way to hospital for admission)							
Food costs (total)							
Accommodation / bed charge costs (total)							
Other costs (total)							
Subtotal costs per visit							

53. Why did you not go to the public health facility, such as government clinic or hospital for prior treatment? (*Tick <u>ONE</u> MOST applicable*).

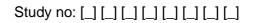
□ No prior outpatient visit/admission (Skip the rest of the question if either of these three is ticked)

## □ Went to a public health facility

□ Went to non-hospital provider (e.g. shop/pharmacy/traditional healers)

Distance to public health facility	Too expensive at the public health facility
Time consuming to wait	Lack of drugs/facilities at the public health facility





- Concerns about quality Belief system
- I know the health worker (e.g. pharmacist, clinician, nurse etc.)

□ Other (Specify) \_\_\_\_\_ Additional information

54. Do you have any other further comments or any information you would like to add about the cost to you of coming to the hospital for your child's treatment?