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BASELINE SURVEY OF THE PRIVATE CLINICS AND DRUG SHOPS.

Title of the study: Prescription of antibiotics at drug shops and strategies to improve quality of care and patient safety: a cross-sectional survey in the private sector in Uganda.

Study Investigators: Prof. Anthony Mbonye, Prof. Elizeus Rutebemberwa, and Dr. Esther Buregyeya

Drug Shop/Private clinic Consent Form

Introduction

This research study is being conducted by Makerere University School of Public Health. You are being asked to take part in a study "Assessing the effect of strengthening referral of sick children from the private health sector and its impact on referral uptake in Uganda."

This study aims to test a community-based intervention to encourage uptake of referral. We are asking you for your consent to be interviewed as part of this study because you are a service provider in this community. Your selection has been random, but your participation in this study is voluntary.

Purpose of the Research

This study aims to improve referral of sick children from the private sector to higher facilities. We are carrying out a baseline study, where we will collect information regarding address/location, staffing, drug stocks and services provided by your clinic/drug shop.In addition, we are seeking for your consent in the follow up study, i.e a randomized controlled trial (RCT). This study is intended to provide information that will help to improve referral of sick children from the private sector across the country.

Your Part in the Study

If you agree to participate in the study you will be interviewed for about 30minutes, and if you consent to participate in the follow up study, you will be trained in the standard management of malaria, pneumonia and diarhoea – integrated community management of fever after that be given appointments for follow-up interviews.

Procedures

You will be interviewed to obtain basic information, including address, services offered, qualifications and number of health providers, drug availability and services offered by your clinic/ drug shops. We will also seek you consent to participate in a follow on study where we will test a community-based intervention to encourage uptake of referral. All of the information you share will be confidential and the information you provide will only be available to the research team.

If You Decide not to Participate in the Study

Your participation in the study is voluntary and there is no penalty for refusing to take part. There will be no cost to you as a result of participating in this study.

Confidentiality

The information you provide will be confidential. We will not put your name or the name of the clinic/drug shop on the questionnaire form on which your responses will be recorded. Paper records from this study will be stored in a locked file cabinet accessible only to study staff. Computerized information about you will be password-protected and accessible only to study investigators. If we publish the results of the study the name of the clinic/drug shop will not be in it.

Benefits

There will be no personal benefits from participating in this baseline study. However, if you consent to participating on the follow on study, you will be trained in ICCM. In addition, this study will help us understand how to strengthen referral of sick children from private sectors to higher facilities in Uganda.

Risks or Discomfort

You may lose some of your clients after referring them, however it will be to their benefit in getting proper care. But once the caretakers are made to understand the reason for the referral, they will appreciate it and will still come to your facility for care. You may refuse to answer questions that make you feel uncomfortable, and you may choose to end the interview and your participation in the study at any time. The information you provide will be kept confidential.

Contact Person for Questions

If you have any questions about the study or any problems with the study you may contact Assoc. Prof. Anthony Mbonye, the PI at the following telephone number (0772-411668). If you have any questions about your rights as a participant in this study please contact Dr. Suzanne Kiwanuka, the Chairperson of the School of Public Health Ethics Committee, at the telephone number 0312 291 397 or 0718 060 387.

Consent to Participate in Study

I have been informed of the procedures, benefits and risks of participating in this study titled: "Assessing the effect of strengthening referral of sick children from the private health sector and its impact on referral uptake in Uganda.

."I agree to participate as a volunteer in this study.		
I agree for my shop to be part of the trial: Name of Drug Shop/private clinic:		
Type of facility: 1. Drug shop 2. Private clinic Name of Trading Centre/Village:		
Identity of Enumeration Area: Sul Name of Drug Shop Owner:	o-County:	
Signature:	Date:	
I have discussed the study with the drug shop owner/pri comprehend. I believe he/she has understood my explar		
I have discussed the study with the drug shop owner/pri comprehend. I believe he/she has understood my explar Name: Signature:	ation and agrees to take part in the trial.	
Name: Signature: Q1. Do you consent that the drug shop/private clinic	ation and agrees to take part in the trial.	
Name: Signature: Q1. Do you consent that the drug shop/private clinic will participate in the study?	ation and agrees to take part in the trial. Date:	
Name: Signature: Q1. Do you consent that the drug shop/private clinic will participate in the study? O No	ation and agrees to take part in the trial. Date:	
Name: Signature: Q1. Do you consent that the drug shop/private clinic will participate in the study? O No 1 Yes	ation and agrees to take part in the trial. Date:	
Name: Signature: Q1. Do you consent that the drug shop/private clinic will participate in the study? 0 No 1 Yes Q2. If refused consent what was the reason?	ation and agrees to take part in the trial. Date:	
Name: Signature: Q1. Do you consent that the drug shop/private clinic will participate in the study? O No 1 Yes Q2. If refused consent what was the reason? 1 Too busy	Date:	
Name: Signature: Q1. Do you consent that the drug shop/private clinic will participate in the study? 0 No 1 Yes Q2. If refused consent what was the reason?	Date: [] If other:	
Name: Signature: Q1. Do you consent that the drug shop/private clinic will participate in the study? O No 1 Yes Q2. If refused consent what was the reason? 1 Too busy 2 Too ill 3 Not interested	Date:	
Name: Signature: Q1. Do you consent that the drug shop/private clinic will participate in the study? O No 1 Yes Q2. If refused consent what was the reason? 1 Too busy 2 Too ill 3 Not interested	Date: [] If other:	

Section	on A: Background Information	
A1	Date of interview (dd/mm/yy)	[_]/[_]
A2	Name of interviewer	Interviewer's code
	[]	[]
A3	Enumeration area code	[_]
A4	District	
A5	Locality	
	1 Urban	[]
	2 Rural	
A6	Village	Village code
	[]	[_]
A7	Parish	Parish code
	[]	[_]
A8	Sub-county	Sub-county code
	[]	[_]
A9	Name of drug shop/private clinic	Drug shop/private clinic code
		[]
A10	Type of facility 1. Drug shop 2. private clinic	[]
A11	GPS coordinates (xxxx)	[_].[]
Section	on B: Characteristics of the drug shop/private	clinic
B1	Is this drug shop/private clinic registered?	[]
21	0 No go to B2	L
	1 Yes go to B3	
	99 Refuses to answer go to B4	
B2	If not registered, why not? go to B5	[
В3	Who are you registered with?	
	1 District (DDI) (receipt seen)	
	2 National Drug Authority (NDA)	
	(certificate seen)	
	99 Refuses to answer	
B4	When was this drug shop/private clinic	[] / [] Year
	established? (Year/months)	months
B5	Which days of the week is this drug	Mon Tue Wed Thur Fri Sat Sun
	shop/private clinic open? (please tick all day	
	mentioned)	
B6	What time do you usually open this drug	[]:[] am
	shop/private clinic? (week days)	
B7	What time do you usually close this drug	[]:[] pm
	shop/private clinic? (hh/mm)- week days	
B8	What time do you usually open this drug	[]:[] pm
	shop/private clinic? (hh/mm)- weekends	
B9	What time do you usually close this drug	[]:[] pm
	shop/private clinic? (hh/mm)- weekends	

B10	What is the busiest time for this drug	[_]
	shop/private clinic?	
	1 Morning (up to 12pm)	If other:
	2 Afternoon (12pm-5pm)	
	3 Evening (5pm-7pm)	
	4 Night (7pm-12am)	
	5 Busy 24 hours	
	77 Other (specify)	
B11	Do you have a patient register?	[]
	0 No if No go to B13	
	1 Yes	
B12	Is the patient register present? (Ask to see it)	[]
	0 No	
	1 Yes	
B13	On a typical day how many children with	[]
	fever aged less than 5 years visit this drug	L
	shop/private clinic?	
	(If don't know write 88)	
B14	On a typical day how many children with	r 1 1
D14		L
	cough aged less than 5 years visit this drug	
	shop/private clinic?	
	(If don't know write 88)	
B15	On a typical day how many children with	L]
	diarrhea aged less than 5 years visit this drug	
	shop/private clinic?	
	(If don't know write 88)	
Section	on C: Staff characteristics (staff who run the	drug shop/private clinic
C1	Sex	[]
	1. Male	
	2. Female	
C2	What is your job or profession?	[]
	1 Nursing Aide	L
	2 Nursing assistant	If other:
	3 Enrolled nurse/midwife	
	4 Registered Nurse/midwife	LJ
	5 Clinical Officer	
	77 Other (specify)	
	88 Don't know	
	99 Refuses to answer	
C3	What is your highest level of education?	[]
	1 Primary	
	2 Secondary	If other:
	3 Tertiary (certificate/diploma)	[]
	4 University	
	77 Other (specify)	

	88 Don't know	
	99 Refuses to answer	
C4	Is this your main place of work?	
	0 No	If no specify other place of work:
	1 Yes	
	99 Refuses to answer	
C5	How many people working at this drug	
	shop/private clinic dispense medicines?	
C6	What is the job or profession of the other	Profession Number
	person(s) working at this drug shop/private	
	clinic?	1. Registered nurse/midwife [] []
	(write the number of staff for each	2. Enrolled nurse/midwife [] []
	profession)	3. Nursing Aide [] []
		3. Clinical officer [] []
		4. Doctor [] []
		88. Don't know [] []
		99. Refuses to answer [] []
		Other (specify) [] []
		[]
	on D: Drug stock and supply	
D1	Do you sell antimalarial drugs?	
	0 No	
	1 Yes	
	99. Refuses to answer	
D2	If yes, which brands of antimalarials do you	1. Chloroquine []
	sell? (Tick all that apply)	2.Fansidar []
		3. Coartem/lumatem []
		4. Camoquine []
		5. Quinine []
		6. Metakelfin []
		Other (specify) []
		[]
		[]
D2	Do you call autihiation	<u> </u>
D3	Do you sell antibiotics?	
	0 No	
	1 Yes	
D4	99. Refuses to answer	1.Amoxicillin []
υ 4	If yes, which brands of antibiotics do you	
	sell? (Tick all that apply)	2.Septrin []
		3.Tetracycline []
		4.Gentamycin [] 5.Penicillin []
		<u></u>
		77.Other (specify) []

D5	Do you sell zinc tablets?	
	0 No	
	1 Yes	[]
	99.Refuses to answer	
D6	Do you sell ORS?	
	0. No	
	1. Yes	[]
	99. Refuses to answer	
D7	Do you have stock control cards? (Ask to see	[]
	them)	
	0 No	
	1 Yes	
	88 Don't know	
	99 Refuses to answer	
D8	Do you normally inject patients here in your	[]
	shop/private clinic?	
	0 No go to D10	
	1 Yes go to D9	
	99 Refuses to answer go to D10	
D9	In the last week, how many injections did you	
	give?	[] _injections
		77. Other specify
D10	Where do you usually purchase your drugs	1. Pharmacies []
	from? (Tick all that apply)	2. Health Units []
		3. Open Markets []
		77. Other (specify) []
	Ì	

Section E: Malaria, Pneumonia and diarrhoea treatment services		
E1	Have you attended any training workshops	[]]
E1	on management of malaria?	L J
	0 No go to E5	
	1 Yes go to E2	
	88 Don't know go to E5	
	99 Refuses to answer go to E5	
E2	When was your last training? (mm/yy)	
LZ	(If don't know enter 88/88; if refuses to	L J
	answer enter 99/99)	
E3	Did the training cover	0 No 1. Yes.
20	1. Microscopy?	
	2. Rapid Diagnostic Tests (RDTs)	
	3. Artemisinin Combination Therapies CTs)	
	4. IMCI Guidelines?	[
E4	Who provided the training?	
	1 Ministry of Health	
	2 The district health team	[]
	77 Other (specify)	
	88 Don't know	
	99 Refuses to answer	
E5	Have you attended any training workshops	
	on management of pneumonia?	
	0. No go to E9	
	1. Yes go to E6	
	88. Don't know go to E9	
	99. Refuses to answer go to E9	
E6	When was the last training held? (mm/yy)	
E7	Did the training cover	0 No 1. Yes.
	1. Antibiotics	[]
	2. IMCI Guidelines?	
E8	Who provided the training?	
Lo	1. Ministry of Health	
	2. The district health team	
	3. Other (specify)	
	88. Don't know	
	99. Refuses to answer	
E9	Have you attended any training workshops	
	on management of diarrhoea?	· -
	0.No	

	1.Yes	
	88. Don't know	
	99. Refuses to answer	
E10	Did the training cover	0 No 1. Yes.
	1. Microscopy?	[]
	2. Rapid Diagnostic Tests (RDTs)	<u> </u>
	3. Artemisinin Combination Therapies CTs)	L
	4. IMCI Guidelines?	L] [
E11	Who provided the training?	<u> </u>
EII		
	3 Ministry of Health	r 1
	4 The district health team	LJ
	78 Other (specify)	
	89 Don't know	
	100 Refuses to answer	
E12	Is there a thermometer available for use at	[]
	this drug shop/private clinic? (ask to see it)	
	0 No	
	1 Yes	
	88 Don't know	
	99 Refuses to answer	
E13	Is there a functioning microscope at this	[_]
	drug shop/private clinic? (Ask to see it)	
	0 No	
	1 Yes	
	88 Don't know	
	99 Refuses to answer	
E14	Do you have a malaria rapid diagnostic test	[]
	(RDT) at this drug shop/private clinic?	
	0 No	
	1 Yes	
	88 Don't know	
	99 Refuses to answer	
E15	What is the first-line treatment of	
LIS	uncomplicated malaria as recommended by	Specify the drug/s:
	the treatment guideline?	specify the drug/s.
E15	What is the first-line treatment of pneumonia	[]
E13	as recommended by the guideline?	Specify the drug/s:
	as recommended by the guidenne?	specify the drug/s.
F16	Wil at it the first live tweeters at a fill and a	<u> </u>
E16	What is the first-line treatment of diarrhea as	
	recommended by the treatment guideline?	Specify the drug/s:
F15		
E17	Do you have a copy of the malaria treatment	
	guidelines? (Ask to see it)	
	0 No	[]
	1 Yes	
	88 Don't know	
	99 Refuses to answer	

E18	Do you have a copy of IMCI guidelines?	[]
	(Ask to see it)	
	0 No	
	1 Yes	
	88 Don't know	
	99 Refuses to answer	
E 19	What treatment do you give to a child who	[]
	presents uncomplicated malaria?	
E 20	In the last one week, how many children	
	with severe illness did you see?	
E21	In the last two weeks have you referred any	
	sick children?	
	0 No	
	1 Yes	
	88 Don't know	
	99 Refuses to answer	
E22	If yes how many sick children have you	
	referred (verify the numbers by checking	
	the records)	Other specify
E23	Where did you refer the sick children?	1 ,
	1. Another drug shop	[]
	2. Another private clinic	
	3. Health centre (II, III, IV)	If other:
	4. Hospital]
	77. Other (specify)	
	99 Refuses to answer	
E24	What are severe symptoms/signs of a child	
	with severe malaria? (list as many)	
	•	
E25	What are severe symptoms/signs of a child	
	with severe pneumonia?	
	-	
E26	What are severe symptoms/signs of a child	
	with severe diarrhoea?	
E27	What constraints do you encounter in	1. I don't have any constraints []
	referring patients? (Tick all that apply)	2. Patients do not comply []
		3. Patients do not have the money []
		4. Referral facilities are too far []
		5. No drugs at the referral facility []
		77 Other (specify)

		[<u>]</u>
E28	When did this drug shop/private clinic last receive supervision from the DDI/DHT?	[] [] months 77. If other:	1

Section	Section F: Observations		
F1	Does the shop/private clinic have a	[]	
	laboratory?		
	0 No		
	1 Yes		
F2	Does the shop/private clinic have disposable	[]	
	syringes and needles?		
	0 No		
	1 Yes		
F3	Does the shop/private clinic have a baby	[]	
	weighing scale?		
	0 No		
	1 Yes		
F4	Does the shop/private clinic have a	[]	
	respiratory timer?		
	0. No		
	1.Yes		
F5	Does the shop/private clinic have a bin for	[]	
	disposal of "sharps"?		
	0 No		
	1 Yes		

Section G: Addendum-Malaria in pregnancy

G1	Which people are most vulnerable to malaria	
	in this community?	
	2. All people	
	3. Children (0-5)	
	4. Children (6-15)	
	5. Adults	
	6. Pregnant women	
	7. Other specify	
G2	What treatment do you give to pregnant	[]
	women who present with fever to this	
	facility?	
	1. Depends on gestation, if it is first	
	trimester I give quinine, if second	
	and third trimester i give ACT	
	2. ACT	
	3. SP	
	4. Quinine	
	5. Paracetamol	
	6. Other	
	specify	
G3	What drug do you give to pregnant women	[]
	for preventing malaria?	
	1. Quinine	
	2. ACT	
	3. SP	
	4. Other specify	
G4	What other malaria prevention interventions	
	in pregnancy do you recommend	
	1. ITNs	
	2. IRS	
	3. Advice on nutrition	
	4. Other specify	
0.5	XXII	
G5	What interventions do you suggest that can	
	attract women to come for malaria prevention	
	in pregnancy with SP at ANC?	•••••••••••••••••••••••••••••••••••••••
		••••••

Section H: Addendum-Family planning in drug shops/pharmacies

H1	Type of facility	
		<u> </u>
	1. drug shop	
	2. pharmacy	
H2	Do you offer family planning methods in your	
	shop	[]
	0.No	
	1. Yes	
Н3	If yes which methods (tick all applicable and	
	verify)	
		[]
	1.pills	[]
	2. Condoms	[]
	3.Injectable Depo-Provera	[]
	4. IUD (coil)	[]
	5. Other specify	
H4	How much do you sell a cycle of	
	contraceptive pills	
H5	How much do you sell a packet of condoms	
Н6	In a week how many clients come to ask for	
	family planning?	
H7	If No would you like to offer family planning	[]
	methods	
	0.No	
	1. Yes	
110	XXII	
H8	What are the reasons that you are not currently offering family planning methods?	•••••••••••••••••••••••••••••••••••••••
	currently offering family planning methods:	
		•••••••••••••••••••••••••••••••••••••••
H9	What do you recommend to government to do	
	so that drug shops and pharmacies can offer	[]
	family planning	
	1.training	
	2. provide family planning methods	
	3. Supervision	
	4.seminars	••••••
	5.other (specify	