CARING FOR NEWBORNS AND
CHILDREN IN THE COMMUNITYA TRAINING COURSE FOR
COMMUNITY HEALTH WORKERS

Caring for the sick child in the community



Adaptation for high HIV or TB settings

CHART BOOKLET





Caring for the sick child in the community: a training course for community health workers, adaptation for high HIV or TB settings. Chart booklet ISBN 978-92-4-001736-8 (electronic version) ISBN 978-92-4-001737-5 (print version)

This publication was originally published in 2014.

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Suggested citation. Caring for the sick child in the community: a training course for community health workers, adaptation for high HIV or TB settings. Chart booklet. Geneva: World Health Organization; 2020. Licence: <u>CC BY-NC-SA 3.0 IGO</u>.

Cataloguing-in-Publication (CIP) data. CIP data are available at <u>http://apps.who.int/iris</u>.

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OVERVIEW: CARING FOR THE SICK CHILD IN THE COMMUNITY

(child age 2 months up to 5 years)





IDENTIFY PROBLEMS: ASK AND LOOK

ASK the caregiver: What are the child's problems? LOOK at the child.

- D Cough? If yes, for how long? _ days
- D Diarrhoea (3 or more loose stools in last 24 hours)? If yes, for how long? days.
- D If diarrhoea, blood in stool?
- D Fever (reported or now)? If yes, started _ days ago.
- D Convulsions?
- D Difficulty drinking or feeding? If yes, not able to drink or feed anything?
- D Vomiting? If yes, vomits everything?
- D Has HIV?
- D At risk of HIV because
 - D One or both parents have HIV and child has not tested for HIV? or
 - D Parents' current HIV status is unknown?
- D Lives in household with someone on TB treatment?
- D Any other problem?

- D Chest indrawing?
- D If cough, count breaths in 1 minute: breaths per minute (bpm).
- D Unusually sleepy or unconscious?
- D For child age 6 months up to 5 years, MUAC strap colour:
- D Swelling of both feet?



DANGER SIGNS



-+ IF ANY DANGER SIGN, REFER CHILD URGENTLY TO HEALTH FACILITY

- D Cough for 14 days or more D Diarrhoea for 14 days or more D Blood in stool D Fever for last 7 days or more D Convulsions D Not able to drink or feed anything D Vomits everything D Has HIV and any other illness D Chest indrawing D Unusually sleepy or unconscious D For child age 6 months up to 5 years D Red on MUAC strap, or D Yellow on MUAC strap and has HIV D Swelling of both feet
- -+Assist referral to health facility:
- -+ Explain why child needs to go to the health facility.
- -+ GIVE FIRST DOSE OF TREATMENT:
 - -+ If diarrhoea, and if child can drink, begin giving ORS solution right away.
 - + If fever AND: convulsions; or unusually sleepy/ unconscious; or not able to drink or feed; or vomits everything, give rectal artesunate suppository (100 mg): Age 2 months up to 3 years—1 suppository Age 3 years up to 5 years—2 suppositories
 - -+ If fever AND danger sign other than the 3 above, give first dose of oral antimalarial AL: Age 2 months up to 3 years—1 tablet Age 3 years up to 5 years—2 tablets
 - -+ If fast breathing or chest indrawing, give first dose of oral antibiotic (amoxycillin tablet—250 mg): Age 2 months up to 12 months—1 tablet Age 12 months up to 5 years—2 tablets



- -+ For any sick child who can drink, advise to give fluids and continue feeding.
- -+ Advise to keep child warm, if child is NOT hot with fever.
- -+ Write a referral note.
- -+ Arrange transportation, and help solve other difficulties in referral.

FOLLOW UP child on return at least once a week until child is well.

To give ORS solution, see page 9. To give first dose oral medication, see page 10

-+ SICK BUT NO DANGER SIGN?

D Cough (less than 14 days)
D Diarrhoea (less than 14 days AND no blood in stool)
D Fever (less than 7 days) in a malaria area
D At risk of HIV because
D One or both parents have HIV and child has not tested for HIV, or
D Parents' current HIV status is unknown
D Lives in household with someone on TB treatment
D Fast breathing:

In a child age 2 months up to 12 months, 50 breaths or more per minute
In a child age 12 months up to 5 years, 40 breaths or more per minute

D Yellow on MUAC strap (does not have HIV)



If Diarrhoea	 NO DANGER SIGN, TREAT AT HOME AND ADV -+ Give ORS. Help caregiver to give child ORS in front of you until child is no longer thirsty. Give caregiver 2 ORS packets to take home. Advise to give as much as the child wants, but at least 1/2 cup ORS solution after each loose stool. -+ Give zinc supplement. Give 1 dose daily for 10 days: Age 2 months up to 6 months—1/2 tablet (total 5 tabs) Age 6 months up to 5 years—1 tablet (total 10 tabs) Help caregiver to give first dose now. (Go to page 10) 	ISE CAREGI To give ORS sol go to page 9		
If Fever (less than 7 days) in a malaria area	 + Do a rapid diagnostic test (RDT). Go to page 12. + If RDT is positive, give oral antimalarial AL (Artemether-Lumefantrine). Age 2 months up to 3 years—1 tablet (total 6 tabs) Age 3 years up to 5 years—2 tablets (total 12 tabs) Help caregiver give first dose now. (Go to page 10) Advise to give 2nd dose after 8 hours, and to give dose twice daily for 2 more days. 		For ALL	 -+ Advise the caregiver to give more fluids and continue feeding. -+ Advise on when to return. Go to nearest health facility or, if not possible, return immediately if child
If Fast Breathing (pneumonia)	 + Give oral antibiotic (amoxycillin tablet—250 mg). Give twice daily for 5 days: Age 2 months up to 12 months—1 tablet (total 10 tabs) Age 12 months up to 5 years—2 tablets (total 20 tabs) Help caregiver give first dose now. (Go to page 10.) 		children treated at home, advise on home	D Cannot drink or feed D Becomes sicker D Has blood in stool -+ Advise caregiver on use of a bednet (ITN)
If at risk of HIV	-+ Advise caregiver to take the child for HIV test soon, and if parents' HIV status is not known, advise the mother and father to test for HIV also.	/	care	-+ Follow up child in 3 days. If child becomes sicker
If lives in a household with someone on TB treatment	-+ Advise caregiver to take the child soon for TB screening and TB preventive medicine.			or does not improve REFER CHILD URGENTLY TO HEALTH
If Yellow on MUAC strap (no HIV)	-+ Counsel caregiver on feeding or refer the child to a supple- mentary feeding programme, if available.			FACILITY

I TE STOP DUT NO DANCED STON TOPAT AT HOME AND ADVICE CADECTVED

-+ Give ORS solution

-+Mix 1 package of ORS with 1 litre of clean water to make ORS solution.

-+Show the caregiver how to mix the ORS solution and give it to the child. Give frequent, small sips of ORS solution from a cup or spoon.

- -+For child with diarrhoea being referred:
 - -+ If the child can drink, begin giving ORS solution right away, as much as the child will take until departure. Give the caretaker extra ORS solution to continue giving on the way to the health facility. Also, if the child is breastfed, continue to breastfeed on the way.

-+For child with diarrhoea to be treated at home:

- -+ Help the caregiver to continue to give the child ORS solution in front of you until child is no longer thirsty.
- -+ Give the caregiver 2 packets of ORS to take home. Advise the caregiver to continue to give the child as much ORS solution as the child wants, but at least 1/2 cup after each loose stool. Do not keep the mixed ORS solution for more than 24 hours.
- -+ If the child is breastfeeding, advise the mother to breastfeed frequently and for a longer time at each feed. Give ORS solution in addition to breastmilk, even if the child is exclusively breastfed.
- -+ If the child is exclusively taking a breastmilk substitute, advise the mother to give ORS solution in addition to the breastmilk substitute.



-+ Teach the caregiver how to give the oral medicines at home

- 1. Select the correct oral medicine or medicines for the child—zinc, antimalarial AL, antibiotic amoxicillin.
- 2. Check the expiration date on the package. Do not use expired medicine.
- 3. Determine the dose for the child's age group. Refer to the box on page 8 or the recording form.
- 4. Help the caregiver give the first dose now (see box).
- 5. Write the dose on each package. Tell the caregiver to continue giving the dose until the tablets are finished.

Zinc:Give one dose now, then one dose daily for 10 daysAL:Give one dose now, one dose after 8 hours, then
give twice daily for 2 more days

Amoxicillin: Give one dose now, then twice daily for 5 days

- 6. Encourage the caregiver to ask questions. Praise the caregiver for being able to give the medicine to her child. Explain how the medicine will help her child.
- 7. Ask the caregiver to repeat the instructions before leaving with the child. Ask good checking questions to make sure that the caregiver understands how much of the medicine to give, when, and for how long. Emphasize that it is important to give all the medicine, even if the child feels better.
- 8. Advise the caregiver to keep all medicines out of reach of children.

Help the caregiver give the first dose now

- Wash your hands with soap and water. The caregiver should do the same.
- If the dose is half of a tablet, help the caregiver cut it with a table knife.
- Help the caregiver prepare the first dose:
 - If the tablet is dispersible (will melt), ask the caregiver to put the tablet or half tablet into a spoon with breast milk or water. The tablet will dissolve.
 - If the tablet will not melt, use a spoon to crush the tablet in a cup or small bowl. Mix it with breast milk, water, or crush it with banana or another favourite food of the child.



Ask the caregiver to give the solution with the melted or crushed tablet to the child with a spoon. Help her give the whole dose.

If the child spits out the dose, use the spoon to gather it up and gently feed it to the child again. If this is not possible and the child has not swallowed the dose, give the child another dose.

CHECK THE VACCINES THE CHILD RECEIVED

Check vaccines received (see child's health card)

Age		Vaccin	es		
Birth	D BCG + HepB Birth	D OPVO			
6 weeks	D DTP/Hib1/HepB1	D OPV1	D Rota 1	D	PCV 1
10 weeks	D DTP/Hib2/HepB2	D OPV2	D Rota 2	D	PCV 2
14 weeks	D DTP/Hib3/HepB3	D OPV3	D Rota 3	D	PCV 3
9 months	D MCV 1				
18 months	D DTP + MCV 2				

Advise the caregiver on when and where to take the child for the next vaccine, if needed.



-+ If any OTHER PROBLEM or condition you cannot manage, refer child to health facility, write a referral note, and follow up child on return.





	2
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	□ Swelling of both feet	Swelling of both feet?
HIV)	and has HIV	colour: red yellow green
Stran Gloss not ha	Red on MUAC strap	For child 6 months up to 5 years, MUAC strap
	Unusually sleepy or unconscious	Unusually sleepy or unconscious?
Fast breathing		 IF COUGH, count breaths in 1 minute: breaths per minute (bpm) □ ■ Fast breathing: Age 2 months up to 12 months: 50 bpm or more Age 12 months up to 5 years: 40 bpm or more
	Chest indrawing	Chest indrawing? (FOR ALL CHILDREN)
TB treatment		treatment? LOOK:
Lives with someone on		□ Lives in a household with someone who is on TB.
 In one of both puterns have HIV and child has not tested for HIV Parents' current HIV status is unknown 		 One or both parents have HIV and child has not tested for HIV? or Parents' current HIV status is unknown?
	illness	
	Vomits everything	-
	feed anything	IF YES, □ not able to drink or feed anything?
	Not able to drink or	Difficulty drinking or feeding?
	Convulsions	Convulsions?
days) in a malaria area	or more	If yes, started <u>days ago</u> .
□ Fever (less than 7	Fever for last 7 days	Fever (reported or now)?
in stool)	Blood in stool	□ ■ IF DIARRHOEA, blood in stool?
14 days AND no blood	Diarrhoea for 14 days or more	II B Diarrhoea (3 or more loose stools in 24 hrs)? IF YES, for how long?days.
		ASK: What are the child's problems? If not reported, then ask to be sure. YES, sign present \Rightarrow Tick/V NO sign \Rightarrow Circle
SLCK but NO Danger Sign?	Any DANGER SIGN	ASK and LOOK
		1. Identify problems
-ather / Other:	Relationship: Mother / Father / Other:	Caregiver's name:
Years/_Months Boy / Girl	Age:	name: First
V or TB setting) CHW:	2 months up to 5 years in high HI	(for community-based treatment of child age 2 months up to 5 years in high HIV or TB setting) Date: Date/North/20 CHW:

2

Decide: Refer or treat child

(tick decision)

□ If ANY Danger Sign, REFER URGENTLY to health facility

□ If NO Danger Sign, treat at home and advise caregiver

GO TO PAGE 2

 \checkmark

				□ ■ DTP + MCV2		reler child to reditit tacility,	white nefernal	
					9 months 🛛	cannot treat,	condition you cannot treat,	
	D PCV3	🗆 🖩 Rota3	D DPV3	D DTP/Hib3/HepB3	14 weeks	If any OTHER PROBLEM or	If any OTHE	G
	□ ■ PCV2	🗆 🛢 Rota2	D = OPV2	DTP/Hib2/HepB2	10 weeks	given:	AUCCINE IN DE GIVENI	I
	D PCV1	🗆 🖩 Rotal	D = OPV1	DTP/Hib1/HepB1	6 weeks	WHEN and WHERE is the next	WHEN and WI	
			D = OPVO	BCG + HepB Birth	Birth D	Advise caregiver, if needed:	Advise caregiv	
Date given				Vaccine	Age Vo	(tick I vaccines completed)	(tick I vaccines completed)	.4
			O DEIOW)				CLECK VACO	۶Г
rN). Intment in item	<mark>a bednet (I</mark> T chedule appoi	 □ Has bload in the stool □ Advise caregiver on use of a bednet (ITN). □ Follow up child in 3 days (schedule appointm 4 helpen) 	Has blood in the stool Advise caregiver on use of a bednet (ITN). Follow up child in 3 days (schedule appointment in item folow)			ld is well.	week until child is well.	
5-016 Juny		Becomes sicker	Becomes sicker	on home care	ist once a	FOLLOW UP child on return at least once a	FOLLOW UP .	
n if child	ossible returi	facility immediately or if not possible return if child	facility immedi	home, advise		referral.	difficulties in referral	
t health	Go to neares	feeding. Advise on when to return. Go to nearest health	feeding.	children	solve other	Write a referral note. Arrange transportation, and help solve other	Write a referral note. Arrange transportation	
continue	re fluids and	□ Advise careaiver to aive more fluids and continue	Advise carea	(no HIV)			with fever.	
ole.	me, it availab	supplementary feeding programme, if available.	supplementary 1	Yellow on MUAC strap	d is NOT hot	fluids and continue feeding. Advise to keep child warm, if child is NOT hot	fluids and continue feeding. Advise to keep child warm.	
he child to a	g or refer th	Counsel caregiver on feeding or refer the child to a	Counsel care	DIf	advise to give	For any sick child who can drink, advise to give	For any sick c	
				TB treatment				
ŝ	redicine.	screening and TB preventive medicine.	screening and TB preventive medicine	household with				
for TR	HIV also.	ther to test for	mother and father to test for HIV also.	T Tf living in				
advise the	not known,	and, if parents' HIV status is not known, advise the	and, if parents' HIV status is not known,	of HIV	o to 5 years	□ Age 12 months up to 5 years —2 tablets		
UTV toot soon	ise now.	Help caregiver give first dose now.	Help caregiv	17 Tf at sink	•	tablet		
(total 20 tabs)	rs—2 tablets	□ Age 12 months up to 5 years—2 tablets (total 20 tabs)	Age 12 mol	breathing	to 12 months—1	tablet—250 mg) □ Age 2 months up to 12 months—1	Fast breathing	
+ (tatal 10 take)	the 1 tablet	Give twice daily for 5 days:	Give twice do	Fast	amoxicillin	of oral antibiotic (amoxicillin	indrawing, or	ind
250 mg).	illin tablet-2	Give oral antibiotic (amoxicillin tablet—250 mg)	Give oral an	DIf	aive first dose	□ If child can drink aive first dose	□ If Chest	
					Ğ	years—1 lablet □ Age 3 years up to 5 years—2 tablets	□ If Fever AND danger sign other than the 4 above	<u>₹</u> 8 □
			more days.		to 3	Age 2 months up to 3	everything	
to give 2 nd ailv for 2	now. Advise	Help caregiver give first dose now. Advise to give 2 nd dose after 8 hours and to give dose twice daily for 2	Help caregiver dose after 8 ho		oral	Give first dose of oral antimalarial AL.	anything or Vomits	- 0
(total 6 tabs) (total 12 tabs)	ars—1 tablet vs—2 tablets	 Age 2 months up to 3 years—1 tablet (total 6 tabs) Age 3 years up to 5 years—2 tablets (total 12 tabs) 	□ Age 2 ma		*	- 2 suppositories	□ Not able to drink or feed	0 1
		y for 3 days:	Give twice daily for 3 days:	nalaria area	5 years	Age 3 years up to 5 years	unconscious or	-
al AL	al antimalaric	☐ If RDT is positive, give oral antimalarial AL (Artemether.) unperformation)	If RDT is positive, give ((less than 7	to 3 years	Age 2 months up to 3 years	Unusually	•
	(RDT).	Do a rapid diagnostic test (RDT). Positive Negative	Do a rapid c	D If	nate suppository	Give rectal artesunate suppository (100 ma)	Convulsions or	
· (total 10 tabs)	ars—1 tablet st dose now.	□ Age 6 months up to 5 years—1 tablet (total 10 tabs) Help caregiver to give first dose now.	□ Age 6 m Help caregi		solution to way.	caregiver extra ORS solution to continue giving on the way.		
ıblet (total 5	onths—1/2 ta	□ Age 2 months up to 6 months—1/2 tablet (total 5 tabs)	□ Age 2 m tabs)		ay, as much as il departure. Give	ORS solution right away, as much as the child will take until departure. Give	Diarrhoea	Dio
or 10 days:	1 dose daily f	Give zinc supplement. Give 1 dose daily for 10 days:	Give zinc su	blood in stool)	begin giving	□ If child can drink, begin giving	F.	미
1/2 cup ORS	but at least	to give as much as child wants, but at least 1/2 cup ORS solution after each loose stool	to give as much as child wants,	days AND no		TREATMENT:	TREATMENT	
home. Advise	ets to take h	Give caregiver 2 ORS packets to take home. Advise	Give caregiv	Diarrhoea (less than 14	to health	Explain why child needs to go to health facility. CTVE ETDET NOCE OF	Explain why	
solution in	ive child ORS	Give ORS. Help caregiver give child ORS solution in	Give ORS. 1	DIf	•	ASSIST REFERRAL to health facility:	SIST REFERR.	A
egiver:	VISE car	TREAT at home and ADVISE caregiver:	TREAT at h		ΠŢ.	REFER URGENTLY to health facility:	FER URGENT	R
		r sian	If no danaer sian			sion	If any danaer sign	H
			s)	n and other action	reatments give	Refer or treat child (tick treatments given and other actions)		ω

Child's name: Age:

in the

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