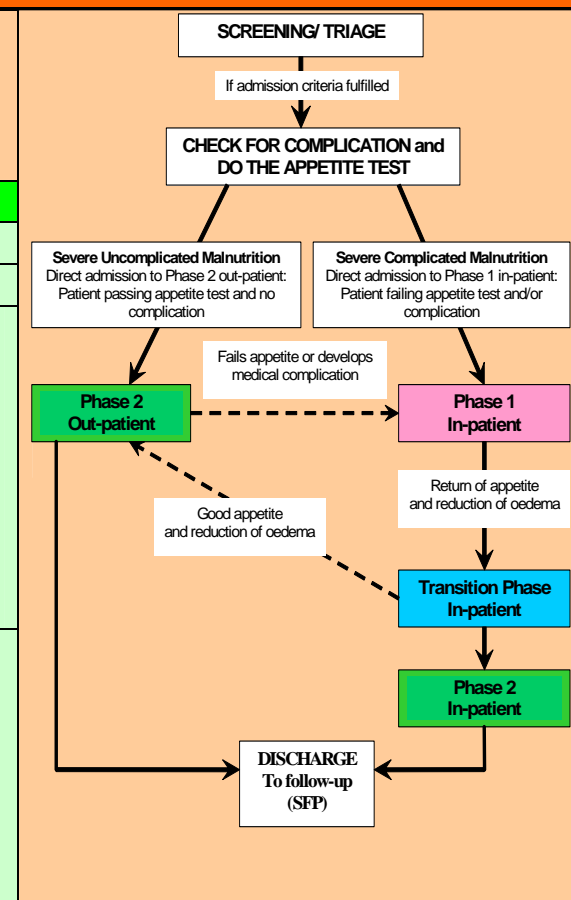
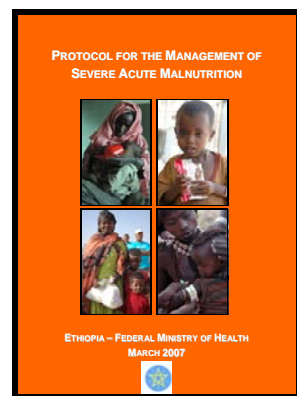


NATIONAL PROTOCOL FOR THE MANAGEMENT OF SEVERE ACUTE MALNUTRITION PATIENTS FROM 6 MONTHS OLD¹

ADMISSION CRITERIA	From 6 months old to 18 years of age:	From 18 years of age:			
	<ul style="list-style-type: none"> ➤ Weight/Height < 70% or ➤ MUAC < 11 cm with Length > 65 cm or ➤ Presence of bilateral pitting oedema 	<ul style="list-style-type: none"> ➤ MUAC < 17 cm or MUAC < 18 cm with recent weight loss or ➤ BMI < 16 with recent weight loss or ➤ Presence of bilateral oedema 			
PROTOCOL	PHASE 1	TRANSITION PHASE	PHASE 2		
THERAPEUTIC DIET	F75	F100 or RUTF	F100 or RUTF		
Quantity	Refer to national protocol	Refer to national protocol	Refer to national protocol		
SURVEILLANCE	Weight and oedema	Every day	In-patient/ Day care 3 times per week	Out-patient/ OTP Every visit	
	Height	Every 21 days	Every 21 days	Every 21 days	
	Body temperature	Every day	Every day	Every day	Every visit
	MUAC	Every week	Every week	Every week	Every visit
	Appetite test	n/a	Judged from intake chart	n/a	Every visit
	Standard clinical signs (stool, vomiting etc.)	Every day	Every day	Every day	Every visit
	CRITERIA TO PROGRESS TO THE NEXT PHASE	<p>From Phase 1 to Transition:</p> <ul style="list-style-type: none"> ➤ return of appetite and ➤ beginning to loose oedema ➤ No IV line nor NGT <p>Patient with +++ oedema should wait in Phase 1 at least until their oedema has reduced to ++ or + oedema.</p>	<p>From Transition to Phase 2:</p> <ul style="list-style-type: none"> ➤ A good appetite (>90% of the diet taken) and ➤ Oedematous patients have a definite and steady reduction in oedema (++ or +) OR have completely lost oedema (if they stay in-patient) 	<p>Discharge criteria :</p> <p>6 months old to 18 years of age (option 1)</p> <ul style="list-style-type: none"> ➤ Weight/Height >85% on at least one occasion (one weighing) and no oedema for 10 days (In-patient) or 14 days (Out-patient) <p>6 months old to adulthood (option 2)</p> <ul style="list-style-type: none"> ➤ 20% weight gain and no oedema for 10 days (In-patient) or 14 days (Out-patient) 	



CRITERIA TO MOVE BACK TO THE PHASE 1	<ul style="list-style-type: none"> - serious medical complication - Failure of the appetite test - Increase/development of oedema - Development of refeeding diarrhoea sufficient to lead to weight loss. - Fulfilling any of the criteria of "failure to respond to treatment" - Weight loss for 2 consecutive weighing - Weight loss of more than 5% of body weight at any visit. - Static weight for 3 consecutive weighing - Major illness or death of the main caretaker so that the substitute caretaker requests in-patient care.
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SYSTEMATIC TREATMENT	Direct admission to Phase 1 (in-patient)	Direct admission to Phase 2 (out-patient)
Vitamin A	- 1 dose at admission (conditional, see protocol) and 1 dose on discharge. Do not give if transferred to OTP	- 1 dose on the 4 th week (4 th visit)
Folic acid	- 1 dose at admission if sign of anaemia	- 1 dose at admission if sign of anaemia
Amoxicillin	- Every day in Phase 1 + 4 more days in Transition	- 1 dose at admission + 7 days treatment at home
Malaria	- According to national protocol	- According to national protocol
Measles	- 1 vaccine at admission if no card and 1 vaccine at discharge	- 1 vaccine on the 4 th week (4 th visit)
Iron	- Add to F100 in Phase 2	- No
Albendazole	- 1 dose at the start of Phase 2	- 1 dose on the 2 nd week (2 nd visit)

¹ For Infants less than 6 months or less than 3 kilo, refer to national protocol for the management of severe acute malnutrition, FMOH, March 2007

