

Mobile Application to support Community-based Management of Acute Malnutrition (CMAM)



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- Initial prototype – WV Canada private funding – 2013
- CommCare - DiMagi

Grant Funding

- Global Affairs Canada – Afghanistan MNCH Project 2013-2016
- Office of US Foreign Disaster Assistance (OFDA) 2014-2016
 - Mali, Niger
 - Chad – International Medical Corps (IMC)
 - *Kenya – Save the Children UK led contextualization

Reached 104 health facilities, 191 health workers

Directing Children with Malnutrition to Appropriate Treatment

Registration

Health facility
Child info
Etc.



Tchad CMAM v2



Registre de la mère



UNS FEFA



Registre de l'enfant



Anthropométrie



UNA



UNS



Contre référence UNT

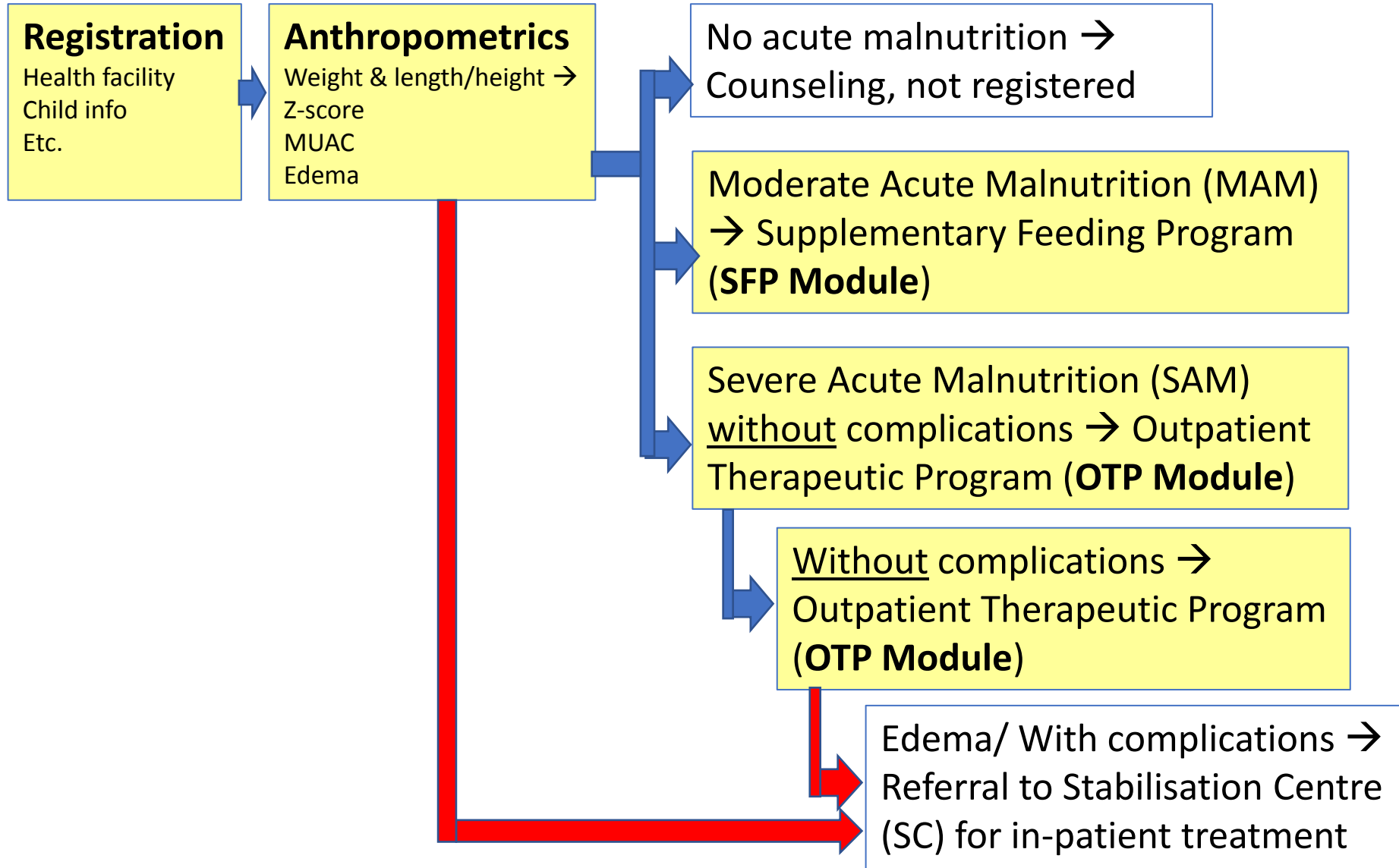


Fermeture du dossier

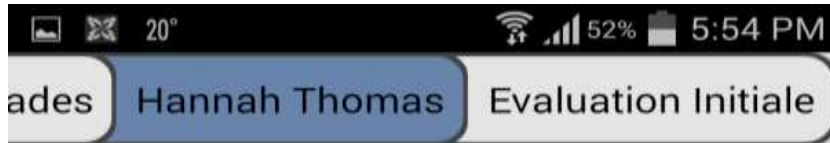


La Pratique de Mesure

Directing Children with Malnutrition to Appropriate Treatment



Example: OTP Module List of Questions & Actions World Vision























ACTIONS > Action 5 - Moderate ARI: Amox + treat

Give oral antibiotic (amoxicillin tablet—250 mg).

Give twice daily for 5 days:

***Age 12 months up to 5 years—1 tablets (total 10 tabs)**

How many tablets of Amoxicillin did you give to the mother?

Jour 1	Jour 2	Jour 3	Jour 4	Jour 5					
									
									

Child OTP Link – 1st Visit (continued)

- Physical Examination
 - ✓ Breath Counter and then it shows # of breaths
 - ✓ Child Temperature
 - ✓ Rapid Diagnostic Test for Malaria
 - ✓ Fever
 - ✓ Passing Urine
 - ✓ Child's Eyes
 - ✓ Child's Ears
 - ✓ Conjunctival /Palm Pallor
 - ✓ Dehydration
 - ✓ Mouth
 - ✓ Open Skin Lesions
 - ✓ Child's Extremities

- Vitamin A
- Amoxicillin
- RUTF Administration, Instructions, Counselling
- Next Appointment

Further Reading

Transform Nutrition Working Paper

- A mobile health application to manage acute malnutrition: Lessons from developing and piloting the app in five countries
http://www.transformnutrition.org/wp-content/uploads/sites/3/2017/04/TN_WorkingPaper1_MobileApp_Online.pdf
- World Vision International Global mHealth Report
<https://www.wvi.org/publication/global-mhealth-report-2018>

Next Steps

- CMAM App – improve functionalities, re-deployment, scaling and integration with national HMIS
- **ALeDIA** (Alliance for IMCI e-Diagnostic): mobile health consortium with Terre des hommes and ACF (France & Spain)