

Community Management of Acute Malnutrition Resources Signposting Document

March 2023

Note:

This Community Management of Acute Malnutrition (CMAM) signposting document aims to offer some of the key CMAM-related resources (focusing on humanitarian contexts) as of February 2023. We recognise that some resources may become outdated once the World Health Organisation (WHO) publishes its updated global guideline for the prevention and management of wasting and nutritional oedema (acute malnutrition). The [Global Action Plan on Child Wasting \(GAP\)](#) agencies, led by UNICEF and WHO are currently in the process of developing a wider resource library for wasting and nutritional oedema (acute malnutrition) which will be housed on the www.childwasting.org website. We thus advise practitioners to visit the www.childwasting.org website for updates on the resource repository and to use the library once it is published.

Background:

The GNC Technical Alliance is a technical assistance platform that responds to technical requests¹ by leveraging and building on existing nutrition resources, capacities, initiatives, and coordination structures. A regular technical request posed to the Alliance in relation to wasting has centered on which community management of acute malnutrition (CMAM) related resources and tools, including training tools, are available. While a plethora of resources and tools exist on CMAM, including a wide range of agency-specific tools, with several platforms to share such resources, there remains a need for a consolidated list and repository of resources and tools that country-level practitioners can easily access and use when developing country-specific tools and resources. The need for a broader CMAM-related resource repository website is currently being discussed by global actors. Given these discussions, this signposting document aims to serve as an initial step to developing such a repository and highlight some of the key CMAM related resources and tools.

This signposting document aims to provide easy access to various global-level CMAM-related resources organised across the following themes:

- a. [Core CMAM documents](#)

¹ Anyone working in the humanitarian nutrition space can ask a technical related question to the GNC Technical Alliance [here](#).

- i. [CMAM in Emergencies](#)
- ii. [Generic CMAM resources](#)
- iii. [Moderate Acute Malnutrition/ Moderate Wasting](#)
- iv. [Severe Acute Malnutrition/ Severe Wasting](#)
- v. [Growth Faltering among infants u6m](#)
- vi. [Community Mobilisation](#)
- b. [Examples of Programme documents and adaptations](#)
 - i. [Simplified Approaches](#)
 - ii. [Resources related to Community Health Workers implementing CMAM](#)
 - iii. [The CMAM Surge Approach](#)
 - iv. [Additional resources focused on COVID-19](#)
 - v. [CMAM and other health concerns](#)
 - vi. [CMAM and IMCI integration](#)
- c. [Program planning, Management, Evaluation, Reporting, and Assessments](#)
 - i. [Operational management support, planning, costing](#)
 - ii. [Nutrition Assessments and reporting](#)
 - iii. [Prevention of acute malnutrition \(wasting\)- non-exhaustive list](#)
 - iv. [Additional relevant resources](#)

While important to capture all country-level and global-level resources to assist practitioners in identifying and using relevant materials, given the scope of work and capacity, such a broad repository was not possible. The scope was thus narrowed through the following inclusion and exclusion criteria.

Inclusion Criteria:

- CMAM-related materials include policy guidance documents, tools, training, and orientation documents that support the implementation of CMAM-related programming.
- Global-level tools, although if no global tool existed on a particular topic, country examples were sought.
- Resources in English- although the priority of the Alliance is to provide resources in as many languages as possible, this signposting document was limited to English resources at this stage.

Exclusion Criteria:

- Documents from specific countries or regions with little broader reference
- Country specific CMAM guidelines
- Resources that relate to the other Global Thematic Working Groups such as resources related to infant feeding in emergencies, nutrition information systems, etc.

- Nutrition assessment-related resources aside from those that relate to coverage and monitoring.
- Research articles and reviews that relate to CMAM.
- The search for relevant CMAM resources was finalized on the 28th of February 2023 and thus, resources published after this date were not included.
- To ensure the relevance of resources, newer resources were highlighted in this review- resources older than 2008 were not typically included unless deemed relevant and thus included in the column entitled 'Underpinning guidance, outdated and other resources. These documents aim to provide contextual understanding as well as offer practitioners additional resources on a specific area should they wish to explore a topic further.

While other audiences may benefit from this signposting brief, the primary audience for this work are practitioners working in CMAM programmes.

List of Resources

Themes	Resources	Brief overview	Underpinning guidance, Outdated and additional resources
Core CMAM documents			
CMAM in Emergencies	<p>Agora Training Modules: Nutrition in Emergencies (NiE) Learning Channel (Link)</p> <p>Basic training on Nutrition in Emergencies (Link)</p> <p>Acute Malnutrition in Emergencies Preparedness and Response (Link)</p> <p>Harmonized Training Package Version 2 (ENN & Nutrition Works, 2011)</p> <p>Module 1: Introduction to nutrition in emergencies (Fact Sheet, resource list, technical notes, trainer’s guide)</p> <p>HTP v 2 Module 2: The humanitarian system: roles, responsibilities, and coordination (Fact Sheet, resource list, technical notes, trainer’s guide)</p> <p>HTP v 2 Module 15: Priority health interventions that impact nutrition status in emergencies (Fact Sheet,</p>	<p>UNICEF offers free online courses through its Agora platform. This platform is easy to access, offers digital certificates and is free of charge. A host of nutrition related training resources are housed on this platform, including those related to Nutrition in Emergencies and CMAM.</p> <p>The Harmonised Training Package (HTP) is a resource for trainers in the NiE sector and it can be used by individuals to increase their technical knowledge of the sector. It is designed to provide trainers from any implementing agency or academic institution with information from which to design and implement a training course according to the specific needs of the target audience, the length of time available for training, and according to the training objectives. It can be used as stand-alone modules or as combined modules depending on the training needs. The Agora modules cover much of the content of the HTP but the</p>	<p>Community therapeutic care (CTC): a new approach to managing acute malnutrition in emergencies and beyond. (Technical notes, FANTA, 2004)</p> <p>Community-based therapeutic care A new paradigm for selective feeding in nutritional crises (Guidance Brief, Humanitarian Practice Network, 2004)</p> <p>Acute Malnutrition in Emergencies Preparedness and Response (UNICEF) https://agora.unicef.org/course/info.php?id=28662</p>

	<p>resource list, technical notes, trainer’s guide)</p> <p>HTP v 2 Module 19: Working with communities in emergencies (Fact Sheet, resource list, technical notes, trainer’s guide)</p> <p>HTP v 2 Module 22: Gender-responsive nutrition in emergencies (Fact Sheet, resource list, technical notes, trainer’s guide)</p> <p>CMAM Toolkit A Rapid Start-up Resource for Emergency Nutrition Link (Save the Children, 2017)</p> <p>The Sphere Handbook Link (Policy Guidelines, Sphere Association, 2018)</p>	<p>HTP offers an offline version of training resources.</p> <p>The CMAM Toolkit is a collection of tools needed by program managers to begin the implementation of CMAM programs. This Toolkit is ‘not’ a recreation of existing tools/resources but an easy-to-use compilation of these tools and resources.</p> <p>The Sphere Handbook aims to improve the quality of humanitarian response in situations of disaster and conflict and to enhance the accountability of</p>	
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	<p>Sphere Training toolkit (facilitator guide) (Sphere Association, 2019) https://spherestandards.org/training-pack-2018/</p> <p>A Toolkit for Addressing Nutrition in Emergency Situations Link (Inter-Agency Standing Committee, Nutrition Cluster, 2008)</p>	<p>humanitarian action to crisis-affected people.</p> <p>The pack of 20 training modules was updated based on the feedback of trainers and learners who have been using the previous version of the tool since 2012. The pack contains five days' worth of materials. Its' modular nature means it can be used in its entirety, broken up into shorter workshops, or injected into broader initiatives such as humanitarian degree programs.</p> <p>The toolkit is intended as an easy-to-use field guide that outlines the key basic interventions for nutritional support to individuals and groups during an emergency. The toolkit offers guidance and support for nutritionists and humanitarian workers to ensure that basic guidelines are followed and the basic nutritional needs of populations in emergencies are met. It is not intended to be an exhaustive resource for each intervention presented, but rather an overview of interventions to be</p>	
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	<p>Guidelines for Selective Feeding: The Management of Malnutrition in Emergencies Link (UNHCR & WFP. 2011)</p>	<p>considered with references and links to more detailed technical guidance for each issue.</p> <p>This revised version is intended as a practical guide to design, implement, monitor, and evaluate selective feeding programs in emergencies.</p>	
Generic	<p>Project Model: Community-Based Management of Acute Malnutrition (CMAM) Link (WVI, 2017)</p> <p>Training Guide for Community-Based Management of Acute Malnutrition (CMAM): Guide for Trainers Link, PowerPoint (FANTA III- 2018)</p> <p>Severe acute malnutrition MSF Medical Guidelines Link (2022).</p>	<p>This resource describes the CMAM approach, evidence for the approach, and how to contextualise the approach to different contexts.</p> <p>This CMAM training guide is designed for healthcare managers and providers who manage, supervise, and implement services for the management of acute malnutrition, including those involved in community outreach activities.</p> <p>The MSF protocols are focused on the diagnosis and management of inpatient SAM in children 6 to 59 months with a</p>	<p>Position Paper on Evolution of CMAM Implementation (AAH, 2021).</p> <p>Updating National CMAM Guidelines Lessons from Previous Experiences (Global Nutrition Cluster Technical Alliance, UNICEF, World Vision, Action Against Hunger, ENN, 2022)</p> <p>WHO child growth standards and the identification of severe acute malnutrition in infants and children: a joint statement by the World Health Organization and the United Nations Children's Fund (2009)</p> <p>Community-Based Therapeutic Care (CTC): Field Manual (Valid International and Concern Worldwide, 2006)</p>

	<p>CMAM Report: A comprehensive monitoring and reporting package for Community-based Management of Acute Malnutrition Link (Save the Children, 2015)</p> <p>Treating Acute Malnutrition with Ready-to-Use Therapeutic Food: A Community Outpatient Approach April 2013 Link (Technical Guidelines, EDESIA, 2013)</p> <p>Managing the Supply Chain of Specialized Nutritious Foods Link (Guidelines, WFP, 2019)</p>	<p>particular focus on children with medical complications.</p> <p>The CMAM Report e-learning is a distance learning tool for nutrition and/or M&E staff at field, country, and head office levels with a specific focus on monitoring CMAM programs.</p> <p>This manual describes the use of these approaches for small-to-medium size organizations or programs that wish to add the treatment of acute malnutrition to the services they are currently providing in their communities.</p> <p>This manual has been produced to provide comprehensive guidance on the supply chain management of SNF.</p>	<p>Global action plan on child wasting: a framework for action to accelerate progress in preventing and managing child wasting and the achievement of the Sustainable Development Goals (Joint statement by the Principles of FAO, WHO, UNHCR, UNICEF, WFP, and UN OCHA, 2020).</p> <p>Essential nutrition actions: improving maternal, new-born, infant, and young child health and nutrition (WHO, 2013)</p>
<p>Moderate Acute Malnutrition / Moderate Wasting</p>	<p>Moderate Acute Malnutrition: A Decision Tool for Emergencies Link (Global Nutrition Cluster, 2017)</p>	<p>This decision-making tool aims to guide program managers to identify the most appropriate and feasible program strategy to address MAM in a particular emergency setting. It explicitly incorporates a range of contextual factors</p>	<p>Module 6: Supplementary Feeding for the Management of Moderate Acute Malnutrition (MAM) in the Context of CMAM from Community-Based management of acute malnutrition training guide 2008</p>

	<p>HTP v 2 Module 12: Management of moderate acute malnutrition (2011) Fact sheet Resource List, Technical Note. Trainer's guide</p> <p>Module 8: Supplementary Feeding Program Link (UNHCR, 2008)</p> <p>Management of wasting during a shortage or absence of specialised nutritious food products Link (GNC-TA, 2022).</p>	<p>into the decision-making process, in addition to population-level nutrition status before and during the emergency.</p> <p>The Harmonised Training Package (HTP) is primarily a resource for trainers in the Nutrition in Emergencies (NiE) sector and can be used by individuals to increase their technical knowledge of the sector. It can be used as stand-alone modules or as combined modules depending on the training needs.</p> <p>This module outlines the monitoring requirements for the following nutritionally at-risk groups, most targeted for supplementary feeding in refugee operations.</p> <p>This note applies predominantly to situations where specialised nutritious foods (SNF) have been used and which are facing an absence or shortage of products. It does not replace guidance already existing in national guidelines for the</p>	<p>(USAID, Valid International, Concern Worldwide, UNICEF)</p>
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	<p>Technical note: supplementary foods for the management of moderate acute malnutrition in infants and children 6–59 months of age Link (WHO, 2012)</p>	<p>treatment of wasting or where the use of SNF is not indicated, accepted, or established.</p> <p>This technical note summarises the available evidence and presents some principles underlying the dietary management of children with moderate acute malnutrition with a proposed nutrient composition profile for supplementary foods relevant to situations in which their use may be warranted.</p>	
<p>Severe Acute Malnutrition / Severe Wasting</p>	<p>Guideline: updates on the management of severe acute malnutrition in infants and children Link (WHO, 2013)</p> <p>HTP v 2 Module 13: Management of Severe acute malnutrition (2011) Fact sheet, Resource List, Technical note, Trainers guide</p>	<p>This guideline provides global, evidence-informed recommendations on several specific issues related to the management of severe acute malnutrition in infants and children.</p> <p>The Harmonised Training Package (HTP) is primarily a resource for trainers in the Nutrition in Emergencies (NiE) sector and it can be used by individuals to increase their technical knowledge of the sector. It can be used as stand-alone modules or as combined modules depending on the training needs.</p>	<p>Module 04- Outpatient Care for the Management of SAM Without Medical Complications from Community-Based management of acute malnutrition training guide 2008 (USAID, Valid International, Concern Worldwide, UNICEF)</p> <p>Scale-up of severe wasting management within the health system: A stakeholder perspective on current progress (ENN, ECF & Irish Aid, 2021)</p>

	<p>Module 8: Outpatient management of severe acute malnutrition Link (WHO, 2021)</p> <p>Guidelines for the Integrated Management of Severe Acute Malnutrition: In- and Out-Patient Treatment Link (ACF International, 2011)</p> <p>WHO guideline on the dairy protein content in ready-to-use therapeutic foods for the treatment of uncomplicated severe acute malnutrition Link (2021)</p>	<p>The training package is based on the 2002 WHO Training course on the management of severe malnutrition, which was updated in 2009. In 2013, WHO issued the Guideline: updates on the management of severe acute malnutrition in infants and children, which provided updated recommendations.</p> <p>This guideline outlines ACF's guidelines on SAM Treatment, including both inpatient and outpatient management.</p> <p>This guideline provides global, evidence-informed recommendations focusing on whether reduced dairy or non-dairy RUTF should be used for treating uncomplicated severe acute malnutrition.</p> <p>This training course on the inpatient management of severe acute</p>	<p>Management of severe malnutrition: a manual for physicians and other senior health workers (who.int) (WHO, 1999)</p>
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	<p>Training course on the inpatient management of severe acute malnutrition: (WHO, 2022) Facilitator Guide, Clinical Instructor Guide Course Director Guide</p> <p>Introducing Updated Packaging and Reconstitution Guidance for Therapeutic Milk Link (WHO & UNICEF, 2017).</p>	<p>malnutrition includes training modules, training guides, and supporting materials.</p> <p>UNICEF and WHO updated their guidance on Therapeutic milk (TM) with updated packaging and reconstitution guidance.</p>	
<p>Growth Faltering among infants u6m</p>	<p>WHO recommendations for care of the preterm or low-birth-weight infant Link (WHO, 2022)</p> <p>Management of small and nutritionally At-risk infants under six months and their mothers (MAMI) Care Pathway Package, Version 3 (Irish Aid, ECF & ENN, 2021) MAMI Care Pathway Package</p>	<p>The recommendations in this guideline are intended to inform the development of national and subnational health policies, clinical protocols, and programmatic guides.</p> <p>The MAMI Care Pathway Package provides practitioners with a resource to screen, assess, and manage small and nutritionally at-risk infants under six months and their mothers (MAMI). It has been updated from the</p>	<p>WHO recommendations on interventions to improve preterm birth outcomes (WHO, 2015)</p> <p>Community Management of at-risk Mothers and Infants under six months of age (C-MAMI) (Version 2.0. 2018) [Irish Aid, Save The Children, GOAL, LSHTM & ENN]</p>

	<p>MAMI Counselling Cards and Support Actions Booklet MAMI health Workers Users Booklet</p> <p>MAMI mid-upper arm circumference (MUAC) tape Link (GOAL)</p>	<p>2018 version through stakeholder consultation, literature reviews, and based on learnings of previous implementation experiences.</p> <p>MAMI-MUAC tapes using reduced thresholds have been developed by GOAL to help identify at-risk infants under 6 months.</p>	
Community Mobilisation	<p>Technical Brief: Community Engagement for CMAM Link (Coverage Monitoring Network, 2015)</p> <p>How to Conduct Community Assessment Link (Guide, Coverage Monitoring Network, 2015)</p>	<p>This resource explores community engagement. Community engagement for CMAM aims to engage community actors and obtain their commitments for actions they will take to support caretakers of children with acute malnutrition to access and use CMAM services, and their support to community engagement activities, including volunteers' and outreach workers' work.</p> <p>This document articulates how to conduct community assessments and also provides guidance on essential tool development for community assessments.</p>	<p>Community Outreach for Community-Based Management of Acute Malnutrition in Sudan: A Review of Experiences and the Development of a Strategy (Technical report, USAID, FANTA.2, 2010)</p>

	<p>Care Groups: A Reference Guide for Practitioners Link (USAID, FSN Network, FHI, Core Group, World Relief, 2016)</p> <p>Mobilising Communities for Improved Nutrition: A Manual and Guide for Training Community Leaders (USAID, PATH & IYCN, 2011) Manual for Training Community Leaders Guide for Training Community Leaders</p>	<p>This brief guide is meant to serve as a companion to Care Groups: A Training Manual for Program Design and Implementation, and additional details on all topics covered in this guide are provided in the Training Manual. This guide was developed in response to practitioner requests and assumes the reader already has a general understanding of the Care Group methodology.</p> <p>This resource contains instructions for facilitating a one-day workshop with community leaders (e.g., community, religious, and business leaders and government officials) to support and improve children’s health and well-being through improved infant and young child feeding and maternal dietary practices. It also provides information aimed directly at community leaders that will help them support women and families to follow recommended practices concerning the issues above.</p>	
Examples of Programmes and Adaptations			
Simplified Approaches	Simplified Approaches for The Provision of Care to Children with	This document describes simplified approaches for improving care for	Simplified approaches to the treatment of wasting. ENN Technical Brief. (2020)

	<p>Wasting and other forms of Acute Malnutrition Link (Technical guidance, UNICEF, 2020)</p> <p>Global Training Toolkit on Simplified Approaches for the Detection and Treatment of Child Wasting Link (UNICEF, ACF, STC, IRC, HLA, 2022)</p> <p>Family MUAC Approach in the Time of COVID-19: Implementation Guidance for Program Managers Link (Save The Children, 2020)</p>	<p>children with wasting, including adaptations to national and global protocols that aim to remove barriers to treatment, improve coverage and reduce the costs of care.</p> <p>This training manual focuses on simplified approaches to detect and treat childhood wasting. It comprises modules on Family MUAC, Community Health Worker-led Treatment, Reduced Frequency of Follow-Up Visits, and Simplified Treatment Protocols.</p> <p>This document provides step-by-step guidance for implementing the Family MUAC Approach, in both Covid-19 and non-Covid-19 contexts, to increase CMAM coverage. This guidance can also be used in line with simplified treatment protocols during a Covid-19 pandemic where routine CMAM approaches may not be feasible.</p> <p>A guide-in-brief to the Family MUAC (or Mother MUAC as it is also sometimes</p>	<p>Rapid Review: Treatment of Wasting Using Simplified Approaches by UNICEF (2020)</p> <p>IRC Simplified protocol for Acute Malnutrition (2020)</p> <p>A Simplified, Combined Protocol: Evidence Overview (IRC, 2022)</p> <p>Simplified Approaches Community of Practice (State of Acute malnutrition, 2019)</p> <p>CMAM expanded admissions guidance. (Interagency Nutrition Meeting, 2014)</p>
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	<p>Family MUAC: Supporting entire communities to screen for acute malnutrition Link. (Brief guide, Action Against Hunger, 2020)</p> <p>Family MUAC training toolkit (GOAL, 2019) Training Guide for Family MUAC approach Presentation: Family MUAC approach Family MUAC M&E toolkit</p> <p>Family MUAC: Care Group Lesson Reference guide for practitioners Link (Action Against Hunger, 2020)</p>	<p>called) community screening approach which empowers mothers, caregivers, and other family members to screen their children for acute malnutrition using color-coded MUAC tapes.</p> <p>The GOAL HQ program quality technical team developed a standardised Family MUAC training module with an associated monitoring and evaluation framework for multi-country use.</p> <p>This lesson was developed by Action Against Hunger’s Nutrition teams in Nigeria and Uganda, with the support of the Social and Behaviour Change Adviser. The lesson is part of a curriculum for the care group approach and was developed using the facilitation cue’ illustrations and methods for meeting facilitation from Care Groups: A Reference Guide for Practitioners</p> <p>Excel-based M&E tools for recording data that include screening forms, admission</p>	
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	<p>M&E tools for the Family MUAC approach Link (Toolkit, IMC, 2019)</p> <p>Mother-MUAC Teaching Mothers To Screen For Malnutrition- Guidelines for the training of trainers Link (ALIMA, 2016). Video: https://www.youtube.com/watch?v=LLvw1oRXBoo</p>	<p>forms, training records, and monthly training registration.</p> <p>This guideline was developed by ALIMA to support the training of mothers on the Family MUAC approach.</p>	
<p>Community Health Workers implementing CMAM</p>	<p>Toolkit for CHW Community-Based Treatment of Uncomplicated Wasting for Children 6-59 Months in the Context of Covid-19 (SIMPLIFIED REGISTERS FOR CHWs) Combined, SAM only, MAM only (Toolkit, International Rescue Committee, 2020)</p> <p>Toolkit for CHW Community-Based Treatment of Uncomplicated Wasting for Children 6-59 Months in the Context of Covid-19 Link (Toolkit, International Rescue Committee/UNICEF, 2020)</p>	<p>Simplified treatment registers (SAM register, MAM register, or combined register) to enable CHWs to document caregiver and child information, admit and track treatment progress, and record the treatment/discharge outcomes of each child they treat.</p> <p>The Toolkit for CHW Community-Based Treatment of Uncomplicated Wasting for Children 6-59 Months in the Context of Covid-19 brings together existing evidence and operational experience to provide implementers key recommendations and considerations for</p>	<p>Community-based Management of Acute Malnutrition Using Community Health Activists in Angola (Report, World Vision, 2013)</p> <p>Treating Malnutrition in The Community (Brief report, IRC, 2017)</p> <p>Developing and Strengthening Community Health worker program at scale: A Reference Guide for Program Managers and Policy Makers (USAID & MCHIP, 2013)</p>

		rolling out the approach as well as step-by-step guidance on an implementation protocol.	Prioritizing Community Health Worker Data for Informed Decision-Making (Report, Frontline Health Workers Coalition, 2008)
CMAM Surge	<p>CMAM Surge Toolkit: Implementation guides and tools (Concern Worldwide, 2016)</p> <p>Operational Guide Link Facilitator guide Link, slides Introduction to CMAM Surge Link Value for money Framework Link</p>	Concern developed CMAM Surge Global Guidance to support the implementation of CMAM Surge which aims to help government health teams respond to relative changes in treatment capacity and caseloads of wasted children. The Operational Guide provides an overview of the approach and describes eight steps covering the implementation and monitoring processes. Currently, the approach focuses on the management of SAM but can also include MAM if this is part of routine health services.	<p>The 'CMAM Surge' approach: setting the scene</p> <p>CMAM Surge: the way forward (FEX 64, ENN, 2021).</p> <p>New Design Framework for CMAM Programming (by Peter Hailey and Daniel Teweldeberha) (2010) https://www.ennonline.net/fex/39/suggested</p>
Additional resources focused on COVID-19	Prevention, Early Detection and Treatment of Wasting in Children 0-59 Months through National Health Systems in the Context of COVID-19: Implementation Guidance Link (WHO & UNICEF, 2020)	This document serves as a tool for implementing the recommendations reflected in existing WHO and UNICEF guidance on the delivery of services through national health systems for the prevention, early detection, and treatment of child wasting in the context of COVID-19. This note reflects broad guidance for all levels of the health system, including community health services that offer prevention, early detection, and treatment services for child wasting.	<p>Adaptations to the Management of Acute Malnutrition in the Context of COVID-19 (USAID, Action Against Hunger, UNICEF, 2022)</p> <p>Adaptations to the Management of Acute Malnutrition in the Context of COVID-19 (Report, Action Against Hunger, USAID & UNICEF, 2020).</p>

	<p>Technical brief on Management of Child Wasting in the context of Covid-19 Link (UNICEF, GNC-TA, GNC, 2020)</p> <p>Adapting Community-based Management of Acute Malnutrition in the context of COVID-19 Link (Interim guidance, Concern Worldwide, 2020)</p> <p>Operational guidelines to contain and reduce transmission of novel coronavirus (covid-19) for nutrition service providers and clients of WFP nutrition-specific programs Link (World Food Program -Uganda, 2020)</p>	<p>This Brief is meant to provide information specific to services and programs for the management of child wasting in the context of COVID-19, and it contains information that is not already available elsewhere. This Brief does not cover wider mitigation and response measures available in other guidance.</p> <p>The guide attempts to provide practical steps based on international guidelines and recommendations to ensure essential treatment services for acute malnutrition continue as much as possible while minimising the risk of COVID-19 transmission. The primary focus of this guide is the management of the outpatient component of CMAM.</p> <p>This operational guideline is intended to support primary care teams in the practical implementation of nutrition-specific programming during the COVID-19 pandemic.</p>	<p>WFP’s additional recommendations for the management of maternal and child malnutrition prevention and treatment in the context of COVID-19 (2020)</p> <p>ALIMA Suggested Actions for Consideration in the Management of Child Wasting in the Context of COVID-19 (2022).</p> <p>Continuing care during COVID-19 Adopting Life-Saving Approaches to Treat Acute Malnutrition (Policy Brief, IRC, 2020)</p>
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<p>CMAM and other Health concerns</p>	<p>Checklist for Determining HIV Status for Children 0-59 Months with Severe Acute Malnutrition Link (Save the Children, 2015)</p> <p>Cholera and acute malnutrition Link (Medical Guidelines, MSF)</p> <p>Nutritional care and support for patients with tuberculosis Link (WHO, 2013).</p> <p>Guidelines for an Integrated Approach to the Nutritional care of HIV-infected children (6 months-14 years) Link Chart Booklet Guide for local adaptation</p>	<p>A checklist was created to help health workers determine the HIV status of children 0-59 months with severe acute malnutrition that are enrolled in the management of acute malnutrition program.</p> <p>This resource is a part of the management of the cholera epidemic in general and cholera case management in which acute malnutrition is one of the possible conditions.</p> <p>This guideline explores nutrition care for patients with tuberculosis. Its primary audience is health workers providing care to people with tuberculosis. However, the guideline is also intended for a wider audience including policymakers, their expert advisers, and technical and program staff at organizations involved in the design, implementation, and scaling-up of nutrition actions for public health.</p> <p>The Guidelines provide a framework for integrating nutrition support into the routine care of HIV-infected children.</p>	<p>Manual for the integration of childcare practices and mental health within nutrition programs (Manual, Action Against Hunger, 2006)</p>
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	<p>(Handbook, WHO, 2009)</p> <p>Technical Brief: Severe Acute Malnutrition and Infection Link (Technical brief, 2013)</p>	<p>This brief outlined the evidence underpinning important questions relating to the management of infectious diseases in children with SAM and highlighted research gaps.</p>	
<p>CMAM and IMCI integration</p>	<p>Integrating Early Detection and Treatment of Child Wasting into Routine Primary Health Care Services: A resource guide to support National planning Link (UNICEF, 2021)</p> <p>Community Case Management (CCM) In Humanitarian Settings: Guidelines for Humanitarian Workers Link (Save the Children & USAID, 2019)</p>	<p>This new resource offers an easy-to-follow process for governments to identify integration actions that can help achieve wasting program goals within routine primary health care services. This guide includes tools and resources to support national decision-makers in developing their integration plans.</p> <p>This guide provides emergency responders with basic information on iCCM, support for making key decisions to implement iCCM during a spike in humanitarian needs or throughout protracted crisis settings, and choices for transition after the acute phase has ended.</p>	<p>Child health in the community - "Community IMCI": Briefing package for facilitators (Training material, WHO, 2004)</p>

	<p>Pocket book of hospital care for children: guidelines for the management of common childhood illnesses, 2nd ed. Link (WHO, 2013)</p> <p>Community Case Management Essentials Treating Common Childhood Illnesses in the Community: A guide for program Managers Link (USAID, Core group, Save the Children, MCHIP, & BASICS, 2010)</p>	<p>Guidelines for the management of common childhood illnesses. This is the second edition of the Pocket book of hospital care for children. It is for use by doctors, nurses, and other health workers who are responsible for the care of young children at first-level referral hospitals. The Pocket Book is one of a series of documents and tools that support the Integrated Management of Childhood Illness (IMCI).</p> <p>This guide documents what is known about CCM and how to make it work. First, health program managers are introduced to the basics. Then, CCM Essentials walks its readers through the process of designing and managing a high-quality CCM program.</p>	
Program planning, Management, Evaluation, Reporting, and Assessments			
Operational management support, planning, costing	<p>CMAM Costing tools (USAID, FANTA-2, fhi360, 2012)</p> <p>CMAM Costing Workbook version 1.1 Link</p> <p>CMAM Costing tool user guide, version 1.1 Link</p> <p>CMAM costing tool exercise, version 1.1 Link</p>	<p>This Microsoft Excel-based application estimates the costs of establishing, maintaining, and/or expanding services for CMAM at the national, sub-national, and district levels. This information helps program managers determine whether their plans for CMAM are financially feasible, identify the resources needed,</p>	<p>Coverage matters: a collation of content on coverage monitoring of CMAM programs. (ENN, Coverage Monitoring Network, 2014)</p> <p>Measuring Coverage in Community-based Therapeutic Care Programs</p>

	<p>CMAM Costing tool case study, version 1.1 Link</p> <p>Caseload, targets, and supplies calculation tool (nutrition cluster) Link (GNC, 2016)</p> <p>Guidance Note: New Design for the Mid-Upper Arm Circumference (MUAC) Tape Link, Design (UNICEF, 2020)</p> <p>Nutrition Program Design Assistant: A Tool for Program Planners (NPDA) Workbook Version 2, Revised 2015 (Link, Excel) (Save the Children, USAID, FANTA-III, FHI360, Core Group- Advancing Community Health Worldwide)</p>	<p>and formulate an effective implementation plan. (Note that this tool deals only with the management of SAM.)</p> <p>An Excel workbook is designed to aid the calculation of caseloads, targets, and supplies for Nutrition Cluster interventions as per available guidance.</p> <p>In response to the need of scaling up the early detection and treatment of children who are wasted, UNICEF has updated the design of the MUAC tape so it can be easily utilized by caregivers. Further, the modified design adheres to the safety and hygiene precaution measures in the context of COVID-19</p> <p>The Nutrition Program Design Assistant is a tool to help organisations design the nutrition component of their community-based maternal and child health, food security, or another development program. The tool has two components:</p>	<p>through Semi-Quantitative Evaluation of Access and Coverage (SQUEAC): An Overview (Coverage Monitoring Network)</p>
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	<p>Module 7 Planning CMAM Services at the District Level, from Community-Based management of acute malnutrition training guide 2008 Link (USAID, Valid International, Concern Worldwide, UNICEF).</p> <p>How do we estimate the caseload for SAM and/or MAM in children 6-59 months in each period? Link (2012)</p>	<p>(1) a reference guide for understanding the nutrition situation and identifying and selecting program approaches, and (2) a workbook to record information, decisions, and decision-making rationale.</p> <p>This module introduces participants to the issues and considerations in the design and planning of a community-based management of acute malnutrition (CMAM) service or program. This module focuses on the different steps used to plan a CMAM service or program. It aims to provide participants with the tools and conceptual frameworks for thinking through the planning stages according to the context.</p> <p>Brief on estimating caseload for SAM and/or MAM in children 6-59 months in each period?</p>	
<p>Nutrition Assessment and reporting</p>	<p>Emergency Nutrition Assessment Guidelines for field workers (Save the Children UK, 2004) Link</p>	<p>The ENA Manual is intended to provide straightforward and comprehensive guidance to nutritionists and other fieldworkers responsible for assessments</p>	<p>Minimum reporting package (MRP) for emergency supplementary and therapeutic feeding programs. User guidelines.</p>

	<p>Module 8: Monitoring and Reporting on CMAM from Community-Based management of acute malnutrition training guide 2008 Link (USAID, Valid International, Concern Worldwide, UNICEF)</p> <p>SQUEAC: Low resource method to evaluate access and coverage of programs Link. (Technical Guidelines, CMN, 2016)</p>	<p>in emergency settings. It is divided into 6 parts including a how to assess the causes of malnutrition and how to interpret assessment data alongside mortality and malnutrition information.</p> <p>This module introduces participants to the basic principles of monitoring, reporting on and supervising community-based management of acute malnutrition (CMAM) services, with a focus on outpatient care. The module describes how individual children are tracked and monitored in CMAM and how monitoring information and data are collected and reported for the service/program. The purpose and function of support and supervisory visits are discussed.</p> <p>The SQUEAC (Semi- Quantitative Evaluation of Access and Coverage) coverage methodology uses a two-stage screening test model to assess the coverage of programs.</p>	<p>(Save the Children, USAID, ENN & European Commission, 2012)</p>
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	<p>Semi-Quantitative Evaluation of Access and Coverage (SQUEAC)/ Simplified Lot Quality Assurance Sampling Evaluation of Access and Coverage (SLEAC) Technical Reference Link (FANTA III & USAID, 2012)</p> <p>Open review of coverage methodologies. Questions, comments & ways forward. SQUEAC, SLEAC, S3M Link (Technical guideline, Epicentre, 2015)</p> <p>Standardized Monitoring and Assessment of Relief and Transitions</p>	<p>The Technical Reference comprises dedicated sections on SQUEAC and SLEAC methods and a series of case studies that address: Assessing evidence and coverage in very high coverage programs, assessing evidence and coverage in moderate coverage programs, sampling without maps or lists, using satellite imagery to assist sampling in urban settings, active and adaptive case-finding in rural settings, within-community sampling in an IDP camp, within-community sampling in urban settings and the case of the ‘hidden defaulters’.</p> <p>This review was commissioned by the CMN with the explicit objective of improving existing coverage methodologies through participatory review with users of the methodologies.</p> <p>The following package is the set of materials for Survey Manager level</p>	
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	<p>(SMART) Survey planning tool Kit For survey Manager (AAH- Canada, 2014) https://smartmethodology.org/survey-planning-tools/smart-capacity-building-toolbox/survey-manager/</p> <p>Strengthening Nutrition Emergency Response Preparedness (ERP) Interim ERP step-by-step guide (GNC, USAID, 2022) ERP Step-by-step guide Global Nutrition Cluster ERP plan template Global Nutrition Cluster The Preparedness actions work plan Global Nutrition Cluster</p>	<p>training (individuals who will be planning, supervising, analysing, and report writing of the SMART survey data).</p> <p>The ERP guide outlines a step-by-step process describing how to undertake ERP planning. It is the central element of the GNC ERP toolkit that, in addition to this guide, includes templates, tools, and e-learning modules to support Nutrition ERP planning.</p>	
<p>Prevention of acute malnutrition (wasting)-non-exhaustive list</p>	<p>Best Practice in Preventing Child Wasting within the Wider Context of Undernutrition Link (ENN, Irish Aid, & ECF, 2021)</p>	<p>The brief is based on work since 2014 by the Wasting Stunting Technical Interest Group (WaSt TIG) and the Emergency Nutrition Network (ENN). It updates previous reports on wasting prevention by ENN and builds on ENN's recent position paper on wasting.</p> <p>This technical brief examines current evidence, knowledge, and practice</p>	<p>Wasting in the wider context of undernutrition: An ENN position paper June 2020</p>

	<p>Preventing Moderate Acute Malnutrition (MAM) Through Nutrition-Sensitive Interventions Link (Technical guidelines, CMAM Forum, 2014)</p> <p>Practical pathways to integrate nutrition and water, sanitation and hygiene: Global Brief Link (Water Aid & Action Against Hunger, 2019)</p> <p>WASH' Nutrition: A practical guidebook on increasing nutritional impact through the integration of WASH and Nutrition programs Link (Action Against Hunger, UNICEF & EU, 2017)</p>	<p>relating to the prevention of moderate acute malnutrition (MAM) through nutrition-sensitive interventions in various sectors. This brief was developed based on a review of many types of evidence including 'grey' research, published research, systematic literature reviews, ongoing impact evaluations, and other plausible research systematically collected.</p> <p>This global brief brings together commonalities and key enablers, or pathways, for progress to collaborate and integrate WASH and nutrition policies and programs in countries with high undernutrition burdens.</p> <p>This operational guidebook has been developed to provide practitioners with usable information and tools so that they can design and implement effective WASH and nutrition programs.</p>	
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	<p>Integrating WASH and nutrition Link (Learning brief, FHI 360, 2015)</p> <p>Livestock and Nutrition LEGS: A Discussion Paper for the Livestock Emergency Guidelines and Standards (LEGS, 2020) https://www.livestock-emergency.net/wp-content/uploads/2020/11/LEGS-Discussion-Paper-Livestock-Nutrition.pdf</p>	<p>WASH-plus recognizes the importance of integrating water, sanitation, and hygiene into other development priorities, such as nutrition, to achieve its objective of healthy households and communities.</p> <p>This discussion paper was commissioned by LEGS to review the key issues relating to nutrition in the context of livestock-based emergency interventions. The paper presents the outcome of a literature review that summarises key issues for livestock and nutrition. It also presents three short case studies illustrating the impacts of livestock emergency responses on nutrition.</p>	
<p>Additional relevant resources</p>	<p>Improving Pre-Service Nutrition Education and Training of Frontline Health Care Providers Link (Technical brief, FANTA-III, USAID, fhi360, 2018)</p>	<p>The purpose of this technical brief is to describe the process and methods the Food and Nutrition Technical Assistance III Project (FANTA) used to improve pre-service nutrition education and training of frontline healthcare providers, including nurses and midwives, in two countries.</p>	<p>MULTI-SECTORAL NUTRITION STRATEGY 2014–2025 Technical Guidance Brief (USAID, 2016)</p> <p>Social protection and nutrition (Australian Department of Foreign Affairs and Trade, 2015)</p>

	<p>Guide to Anthropometry: A Practical Tool for Program Planners, Managers, and Implementers Link (FANTA-III, USAID, fhi360, 2018)</p> <p>The Nutrition Counselling Visit for Young Children (Video) https://resourcecentre.savethechildren.net/document/the-nutrition-counselling-visit-for-young-children/ (Global Health Media & UNICEF, 2018)</p> <p>Integrated Food Security Phase Classification manual IPC version 3.0, Link (IPC -GSU, 2019)</p>	<p>This user-friendly reference offers information and step-by-step instructions on using anthropometry to assess the nutritional status of individuals and communities. The guide, which replaces the 2003 Anthropometric Indicators Measurement Guide, explains anthropometric measurements/indices and the nutrition conditions they assess in different demographic groups, discusses how to interpret anthropometric data, and offers guidance on selecting equipment for taking measurements in low-resource settings.</p> <p>This video shows health workers how to assess and guide a caregiver during a nutrition counselling visit.</p> <p>The IPC Technical Manual 3.1 is an update of version 3.0 (published in 2019) to improve the understanding of 'Famine' and 'Famine Likely' as well as strengthen the methods used to guide the convergence of evidence by using</p>	
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	<p>A practical toolkit for People in Need's integrated programming for improved nutrition. Link (People in need, 2014).</p> <p>Defining Nutrition Assessment, Counselling, and Support (NACS) Link (Technical notes, FANTA, 2012)</p>	<p>international standards and cut-offs for Famine classifications. The IPC Manual is a set of internationally accepted guidelines for the analysis of food insecurity and malnutrition, developed through consultations with food security and nutrition experts from 15 organisations.</p> <p>This toolkit recommended e-learning courses, dozens of carefully selected guidelines, experience from PIN missions, support of PIN's Senior Advisors, and much more is available to help you to integrate IPIN into your programming and effectively contribute to reducing undernutrition.</p> <p>The nutrition assessment, counselling, and support (NACS) approach aims to improve the nutritional status of individuals and populations by integrating nutrition into policies, programs, and the health service delivery infrastructure. Most of the experience with this approach has come from working with people living with HIV (PLHIV), but lessons from this experience</p>	
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	<p>A Gender-Transformative Framework for Nutrition Advancing Nutrition and Gender Equality Together Link (WVI, AAH, Care, STC, NI, Bruyere, Mother Food International, 2020)</p>	<p>are being adapted and extended to standardised case management for malnourished people with other infectious diseases and non-communicable diseases.</p> <p>The Gender-Transformative Framework for Nutrition (GTFN) is a conceptual model supported by research and practice that enables improved gender analysis, solutions design, and monitoring and evaluation of nutrition approaches, as well as interventions promoting women and girls' empowerment. The GTFN applies systems thinking that enables users to critically examine the multi-sectoral drivers of malnutrition using a gender equality and empowerment lens</p>	
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List of relevant websites on CMAM

- <https://acutemalnutrition.org/en>
- <http://www.en-net.org/>
- <http://www.fantaproject.org/focus-areas/nutrition-emergencies-mam>
- <https://www.simplifiedapproaches.org/>
- <https://www.nutritioncluster.net/resources>
- [Malnutrition \(who.int\)](http://www.who.int/nutrition)
- <https://www.concern.net/knowledge-hub/cmam-surge>
- <https://www.advancingnutrition.org/resources/nutrition-resource-hub>
- <https://www.wvi.org/resources>
- <https://www.motherchildnutrition.org/>
- <https://www.unicef.org/nutrition>
- <https://www.wfp.org/nutrition>
- <https://resourcecentre.savethechildren.net/topics/health-and-nutrition/>
- <http://www.coverage-monitoring.org/>
- <https://2017-2020.usaid.gov/what-we-do/agriculture-and-food-security/supporting-global-nutrition>
- <http://www.validinternational.org/>
- [http://www.unicef.org/eapro/UNICEF program guidance on management of SAM 2015.pdf](http://www.unicef.org/eapro/UNICEF_program_guidance_on_management_of_SAM_2015.pdf)
- <https://www.actionagainsthunger.org.uk/publications-and-reports>
- <https://www.msf.org/malnutrition>
- <https://scalingupnutrition.org/our-progress-and-resources>
- <https://www.worldbank.org/en/topic/nutrition>
- <https://globalnutritionreport.org/resources/>
- <https://hmbbconsortium.org>
- <https://www.fhi360.org/practice-areas/nutrition>
- <https://eleanorcrookfoundation.org/resources>
- [Nutrition | Results for Development \(r4d.org\)](http://www.r4d.org/)

List of Abbreviations

Acronyms	Abbreviations
AAH/ACF	Action Against Hunger/ Action Contre la Faim
CMAM	Community Management of Acute Malnutrition
CMN	Coverage Monitoring Network
CTC	Community-Based Therapeutic Care
ECF	Eleanor Crook Foundation
ENA	Emergency Nutrition Assessment
ENN	Emergency Nutrition Network
FANTA	Food And Nutrition Technical Assistance
FAO	Food and Agriculture Organization
FHI	Family Health International
FSN Network	Food Security and Nutrition Network
GNC	Global Nutrition Cluster
GNC-TA	Global Nutrition Cluster – Technical Alliance
GTAM	Global Technical Assistance Mechanism for Nutrition
GTWG	Global Technical Working Group
HLA	Humanitarian Leadership Academy
HTP	Harmonized Training Package
iCCM	Integrated Community Case Management
IMC	International Medical Corps
IMCI	Integrated Management of Childhood Illness
IPC-GSU	Integrated food security Phase Classification- Global Support Unit
IRC	International Rescue Committee (IRC)
IYCFE	Infant and Young Child Feeding in Emergencies
IYCN	Infant and Young Child Nutrition
MAM	Moderate Acute Malnutrition
MCHIP	Maternal and Child Health Integrated Program
MSF	Médecins Sans Frontières
MUAC	Mid Upper Arm Circumference
NACS	nutrition assessment, counselling, and support
NI	Nutrition International
SAM	Severe Acute Malnutrition
SLEAC	Simplified LQAS 1 Evaluation of Access and Coverage
SMART	Standardized Monitoring and Assessment of Relief and Transitions
SQUEAC	Semi-Quantitative Evaluation of Access and Coverage
STC	Save The Children
UNHCR	United Nations High Commissioner for Refugees
UNICEF	United Nations Children’s Fund
UNOCHA	United Nations Office for the Coordination of Humanitarian Affairs
WFP	World Food Programme
WHO	World Health Organisation
WVI	World Vision International

