

WHO PED/SAM 2020 – PEDIATRIC KIT including SAM/MC Children

TECHNICAL NOTE



SCOPE OF PED/SAM

The PED/SAM kit intends to provide medicines, renewables and equipment needed to treat sick children including severe acute malnourished children with medical complications at hospital level.

Some stand-alone modules may be used for PHC or mobile clinics.

Please note that related information resources and training materials are available in the included USB thumb drive.

STRUCTURE AND CONTENT OF PED/SAM

The PED/SAM 2020 kit contains 7 modules as followed

	KMEDPESAM---A1	KIT, PAEDIATRIC-SAM (PED-SAM 2020), complete
MODULE 1	KMEDPESAMMS-A1	(Kit PED-SAM 2020) MODULE, MEDICINES SAM
MODULE 2	KMEDPESAMMPOA1	(Kit PED-SAM 2020) MODULE, MEDICINES PED ORAL
MODULE 3	KMEDPESAMMPIA1	(Kit PED-SAM 2020) MODULE, MEDICINES PED INJECTABLES
MODULE 4	KMEDPESAMMPCA1	(Kit PED-SAM 2020) MODULE, MEDICINES PED CONTROLLED
MODULE 5	KMEDPESAMMMMA1	(Kit PED-SAM 2020) MODULE, MEDICINES MALARIA
MODULE 6	KMEDPESAMMR-A1	(Kit PED-SAM 2020) MODULE, RENEWABLES
MODULE 7	KMEDPESAMME-A1	(Kit PED-SAM 2020) MODULE, EQUIPMENT

Module 1 – Medicine SAM/MC

Contains medicines suitable for SAM children with medical complications according to WHO treatment guidelines (see reference below). Medicines in that module are to treat about 50 SAM /MC children. Note that this module does not contain any HIV, TB or anti-cancer medicines, nor food or therapeutic milk.

This module replaces the medicines module of the SAM kit 2016, with no change of content.

Target audience: This module should only be used by **health care providers** working in hospitals or stabilisation centres **whose staff have received training on the appropriate management of severe acute malnutrition with medical complications.**



Module 2 – Medicines PED oral + topic

Contains the medicines (oral and topic) most commonly used in a pediatric ward and recommended for the treatment of major common pediatric diseases, as per the WHO Pocket book of hospital care for children. The medicines of the module are to supply for a 10-bed pediatric unit for about 3 months.

Note that this module does not contain any HIV, TB or anti-cancer medicines.

Module 3 – Medicines PED injectables

Contains the most commonly used injectable medicines in the pediatric ward. The module also includes some IV fluids. The medicines are to supply for a 10-bed pediatric unit for about 3 months.

Module 4 – Medicines PED controlled

Contains controlled medicines such as diazepam, morphine and midazolam in pediatric formulations. To receive the controlled medicine module, an [import license permit](#) from the Ministry of Health is mandatory. For easy tracking, please make a separate requisition for this module.

Module 5 – Medicines malaria

Contains malaria oral and injectable medicines as well as the A3 poster to ease the reconstitution of artesunate injectable. The medicines in that module are to treat about 150 cases of non-complicated malaria (60 babies and 90 infants).

Module 6 – Supplies and renewables

Contains supply and renewables such as gauze, bandages, syringes, IV line and reusable surgical tunic. This module goes along with module 3 (medicines PED injectables).

Module 7 - Equipment

Contains various equipment scale, stethoscope, glucometer and an haemoglobinometer starter kit (HemoCue® Hb 301). Additional re-supply such as glucose strips, lancets, microcuvette 301 must be ordered through the catalogue.

Example of modules assembly

EXAMPLE	MODULES TO ASSEMBLE FOR 3 MONTHS	MODULES TO ASSEMBLE FOR 12 MONTHS
10-bed pediatric unit, no malnutrition, no intensive care or palliative care – malaria free	1X module 2 1X module 3 1X module 6 1X module 7	4X module 2 4X module 3 4X module 6 1X module 7
Malnutrition unit with SAM/MC children (average of 15 children per month) – malaria endemic country	1X module 1 1X module 5 1X module 6 1X module 7	4X module 1 2X module 5 4X module 6 1X module 7
Mobile clinic with GP or out patient service of the hospital (children) - no malaria in the country	1X module 2 1X module 7 (1X IEHK basic supply)	4X module 2 1X module 7 (1X IEHK basic supply)
PHC with GP (few beds) for children – malaria free	1X module 2 1X module 3 1X module 6 1X module 7	2X module 2 (for OPD) 1X module 3 (few beds) 2X module 6 1X module 7

The PED/SAM modules are to be used to treat children. Please note that adults are covered by other WHO standard kits such as the IEHK-2017 and NCD kit 2016.

Do not hesitate, depending of the country context to add bulk items to adjust the need of the hospital or clinic.

How to order

- Each module is a stand-alone that can be ordered individually. It is therefore possible to order several modules in different quantities.
- Equipment can be reused. Therefore, please consider ordering less equipment modules than medicines or supplies modules, especially for repetitive orders.
- Malaria module only for malaria epidemic areas.



Useful resources and WHO guidelines

Pediatric:

- IMCI chart booklet (2014):
https://www.who.int/maternal_child_adolescent/documents/IMCI_chartbooklet/en/
- Management of the sick young infant aged up to 2 months - Chart booklet (2019):
https://www.who.int/maternal_child_adolescent/documents/management-sick-young-infant-0-2-months/en/
- Pocket book of hospital care for children: Second edition (2013):
https://www.who.int/maternal_child_adolescent/documents/child_hospital_care/en/
- Caring for the sick child in the community, adaptation for high HIV or TB settings – Community health worker manual, Facilitator notes, Chart booklet, Referral form (2014):
https://www.who.int/maternal_child_adolescent/documents/newborn-child-community-care/en/
- Interagency List of Medical Devices for Essential Interventions for Reproductive, Maternal, Newborn and Child Health (2015):
https://www.who.int/medical_devices/publications/interagency_med_dev_list/en/

SAM/MC:

- Updates on the management of severe acute malnutrition in infants and children 2013.
- Pocket book of Hospital care for children: Second edition (2013) – Includes recommendation on the use of the different drugs
http://apps.who.int/iris/bitstream/10665/81170/1/9789241548373_eng.pdf?ua=1
- WHO Model Formulary for Children (2010) – for drugs that are not in the pocket book
http://www.who.int/selection_medicines/list/WMFc_2010.pdf
- Course Director Guide - Training course on the management of severe malnutrition (2002)
https://www.who.int/nutrition/publications/severemalnutrition/training_inpatient_MSM/en/