



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

TECHNICAL NOTE **Rev1 (05.2022)**

PROCUREMENT



SCOPE OF PED/SAM 2020 Rev.

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.

Content of each modules need to be handled by trained professionals .

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 8 modules as followed:

	KMEDPEDSAM---A1	KIT, PAEDIATRIC-SAM (PED-SAM 2020), complete
MODULE 1	KMEDPEDSAMMS-A1	(Kit PED-SAM 2020) MODULE, MEDICINES SAM
MODULE 2	KMEDPEDSAMMPOA1	(Kit PED-SAM 2020) MODULE, MEDICINES PED ORAL
MODULE 3	KMEDPEDSAMMPIA1	(Kit PED-SAM 2020) MODULE, MEDICINES PED INJECTABLES
MODULE 4	KMEDPEDSAMMPCA1	(Kit PED-SAM 2020) MODULE, MEDICINES PED CONTROLLED
MODULE 5	KMEDPEDSAMMMMA1	(Kit PED-SAM 2020) MODULE, MEDICINES MALARIA
MODULE 6	KMEDPEDSAMMR-A1	(Kit PED-SAM 2020) MODULE, RENEWABLES
MODULE 7A	KMEDPEDSAMMEAA1	(Kit PED-SAM 2020) MODULE, EQUIPMENT, PART A (NEW)
MODULE 7B	KMEDPEDSAMMEBA1	(Kit PED-SAM 2020) MODULE, EQUIPMENT, PART B (NEW)
MODULE 8	KMEDMGLU300TLA1	MODULE, GLUCOMETER, 300 tests & lancets (NEW)

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.

Few adjustments to that SAM module: Addition of DEXTROSE (GLUCOSE) 50%, 50 ml and DEXAMETHASONE 4mg/1ml inj.



This module does not contain any HIV, TB or anti-cancer medicines, nor food or therapeutic milk.



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 or for the outpatients department or for a mobile clinic.



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.

Few adjustments to that PED Inj module: addition of DEXTROSE (GLUCOSE) 50%, 50 ml

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 and haemoglobinometer system (HemoCue® Hb 301).

For logistic purpose, this module has been split into two parts : part A (equipment) part B (HemoCue Hb 301) MICROCUVETTE, s.u., box-200). Part A and B are to be ordered together. It is easier for the supplier to handle the (HemoCue Hb 301) MICROCUVETTE, s.u., box-200 separately as it is the only item with expiry date in that module. Additional re-supply such as glucose strips, lancets, microcuvette 301 must be ordered through the catalogue.



The glucometer has been removed from that module and is now in module 8.



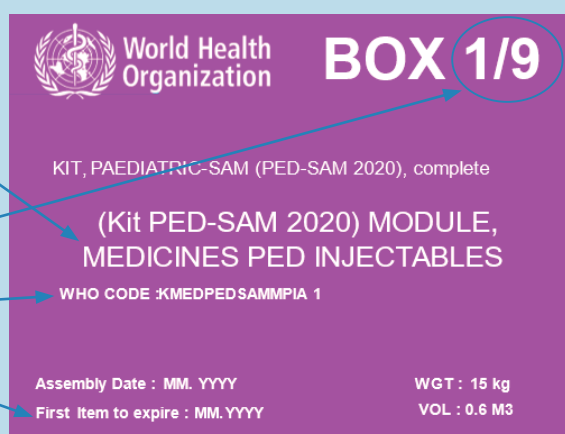
Module 8 – Glucometer module (NEW)

This is a completely new module, which is also part of the Cholera kit 2020 and the new NCDK 2022. Contains a glucometer with 300 strips and 300 lancet pens 28G. The module can be used in the paediatric ward or can be given to one diabetic patient. Note that the glucose strips and the lancets can be reordered on the WHO catalogue, be careful as the glucose strips are tied to a specific brand.

Kit label

The kit label color is “purple” for the PED-SAM 2020. You find a lot of information on the label such as:

- Which PED-SAM module. In the example “module PED injectable”
- How many boxes constitute this module (not the kit). In the example below “ 9 boxes” and the one in hand is box #1.
- The WHO code of the module (not the kit)
- The first item to expire in the carton, knowing that among all the different boxes of that module (here 9 boxes) the box#1 always contains the shortest shelf life.



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. 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, the clinic or the OPD.

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/