

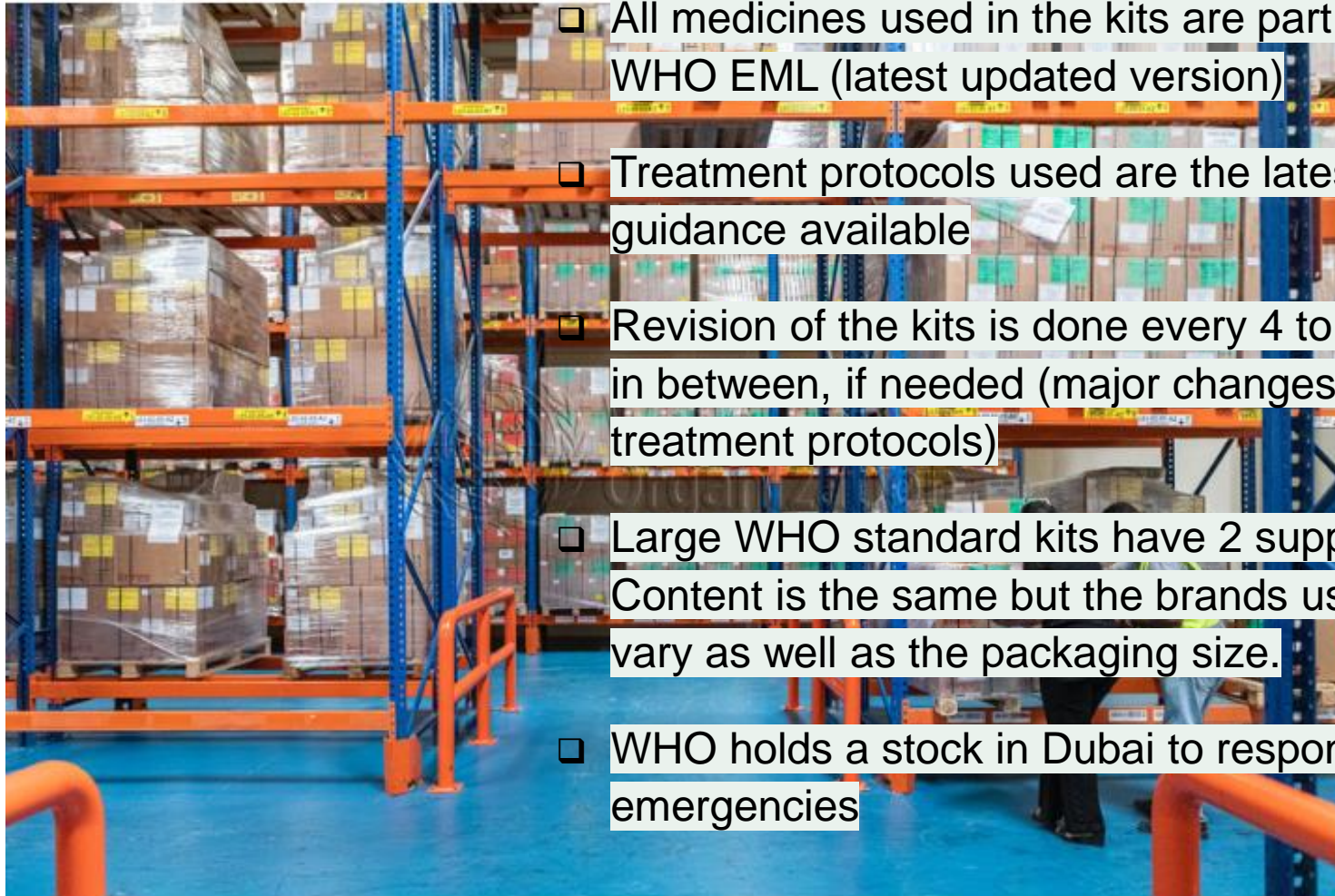


World Health  
Organization

# WHO Standards Health Emergency kits- Overview

November 2022

# General principles of the WHO kits



- ❑ All medicines used in the kits are part of the WHO EML (latest updated version)
- ❑ Treatment protocols used are the latest WHO guidance available
- ❑ Revision of the kits is done every 4 to 5 years, in between, if needed (major changes in treatment protocols)
- ❑ Large WHO standard kits have 2 suppliers. Content is the same but the brands used might vary as well as the packaging size.
- ❑ WHO holds a stock in Dubai to respond to emergencies

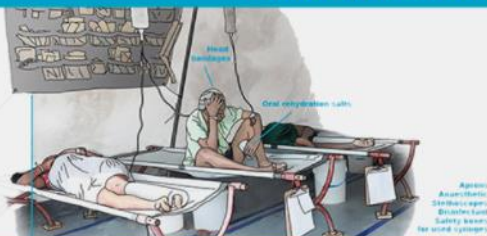


# The WHO standard kits – 07.2022

## WHO standard emergency health kits

**IEHK 2017**

Each kit serves  
10 000 people for 3 months



Interagency Emergency Health Kit (IEHK) 2017

**Cholera kits 2020**

Each kit serves  
100 patients



Cholera kits 2020

**TESK 2019**

Each kit serves  
50 hospitalized trauma patients



Trauma and Emergency Surgery Kit (TESK) 2019

**NCDK 2016**

Each kit serves  
10 000 people for 3 months



Non communicable diseases kit (NCDK) 2016

**Pneumonia kit 2020**

Each kit serves  
100 cases



Pneumonia kit 2020

**PED/SAM 2020**

Each kit serves  
Sick Children (including SAM)



PED/SAM 2020

<https://www.who.int/emergencies/emergency-health-kits>

# The WHO standard kits – 07.2022

## Measles kit 2021

Each kit serves  
Severe and mild measles complications



Measles kit 2021

## Major trauma backpack 2021



Major trauma backpack 2021

## CTT kit 2021

Each kit serves  
50 transfusions



Collection, testing and transfusion kit (CTT) 2021

<https://www.who.int/emergencies/emergency-health-kits>

# TIPS for quantifying / ordering WHO kits

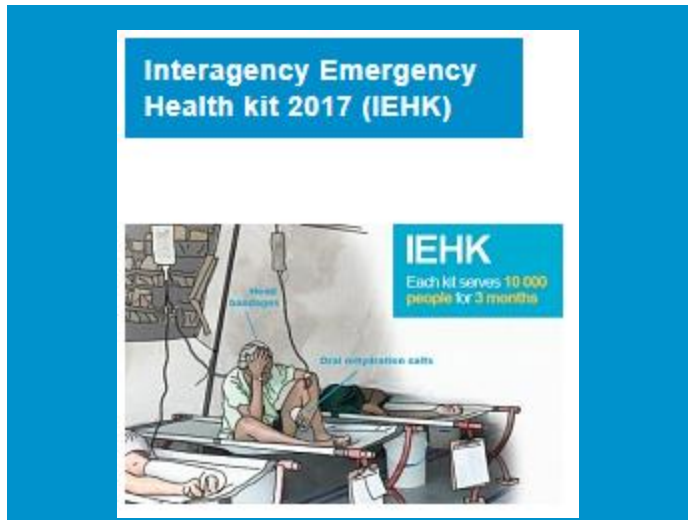
- ❑ Pay attention to the target population versus number of interventions. While some kits are designed for blanket coverage of populations, others are designed for a specific number of interventions.
- ❑ A kit addresses only certain types of health conditions. It may be necessary to order different kits/ modules to be used in conjunction.
- ❑ When quantifying kits to address needs, consider ordering different numbers of the modules containing equipment versus those containing medicines and supplies (especially in cases where you anticipate multiple orders as equipment can be reused).

# TIPS for quantifying / ordering WHO kits



- ❑ Some kits offer modularised purchase options, so, you can target the modules you need without having to purchase the entire kit
- ❑ IEHK or PED-SAM kits include malaria modules. Check the national protocols and prevalence before ordering those modules
- ❑ The lead time for receiving a kit varies, depending on quantity and type of kits ordered
- ❑ Bear in mind that emergency health kits are a complete set of items to address a specific situation and not for replenishment of specific medical items in the kit.
- ❑ To ease the transition after the acute phase anticipate the transition to bulk items at an early stage!

# IEHK (2017)



## Structure :

Basic module (PHC)

Supplementary module (hospital)

**Purpose:** the kit is designed to meet the priority health needs of a population affected by emergencies, who have limited access to routine health care services.

**Target :** design for an outreach population of **10'000 persons / 3 months**


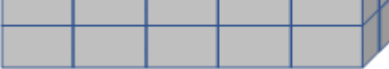




The kit is neither **designed nor recommended** for re-supplying existing health-care facilities. It is **not designed for** immunization, nutritional programmes, resuscitation/surgical activities and management of communicable diseases such as HIV/AIDS, tuberculosis or leprosy. Supplies related to these diseases should be identified based on a needs assessment.



# IEHK-2017 structure


## Basic module


Basic module  X 10 


Malaria unit  X 10 

Outreach population of 1'000 persons X 10 => 10'000

## Supplementary module:

Medicines 

Medicines (controlled) 

Medicines (cold chain) 

PEP unit 

Malaria unit 

Equipment 

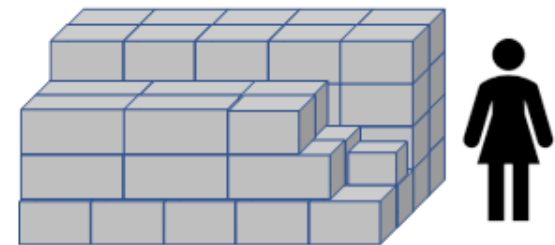
Renewable 

Outreach population of 10'000

## Interagency Health Kit 2017

### Medicines and medical items for

Outreach population of 10'000 persons



Approx. Weight: 1,200 kg  
Approx. Volume: 6.5 m<sup>3</sup>



# IEHK 2017) Technical background of each module



## Basic module medicine & supply & equipment

- ✓ For Primary Health Care facility or OPD
- ✓ Only 1 antibiotics – Amoxicillin 250mg
- ✓ Can be handled by “nonqualified” health care workers (PHC- community)



No medicines for NCD, HIV or TB !

## Basic malaria

- ✓ Artemether + Lumefantrine, tab 20mg +120mg to treat **uncomplicated malaria cases** (*P. falciparum*) :
  - ✓ 150 babies
  - ✓ 30 infants
  - ✓ 30 toddler
  - ✓ 300 adults
- ✓ + 800 RDTs

## Supplementary medicines

- ✓ For hospital settings – general medicine unit
- ✓ Includes oral + injectable medicines
- ✓ Includes cold chain medicines (oxytocin/insulin)
- ✓ Includes some NCDs, some MH



**ORDER Controlled medicines** module separately !

Check the list of controlled medicines in your country

## Supplementary Malaria

- Artesunate injection 60mg /ml to treat **severe malaria cases** :
  - ✓ Children less than 20kg with an average of 3 vials / treatment
  - ✓ children over 20kg and adults with an average of 6-7 vials / treatment



**Can take a medium and state that the IEHK sup malaria is supporting the treatment of about 120 cases of severe malaria**

# New PEP module content

POLICY BRIEF

UPDATED RECOMMENDATIONS  
ON FIRST-LINE AND SECOND-LINE  
ANTIRETROVIRAL REGIMENS AND  
POST-EXPOSURE PROPHYLAXIS  
AND RECOMMENDATIONS ON EARLY  
INFANT DIAGNOSIS OF HIV

JULY 2018

HIV TREATMENT – INTERIM GUIDANCE



Supplementary Module – PEP (IEHK 2017) Interim revision 2020 _ 50 adults + 10 children >20kg			
#	Item description	UOM	Qty
1	Lamivudine (3TC) + Tenofovir (TDF)+ Dolutegravir (DTG), 300mg+300mg+50mg,	tablet 3FDC	1500
2	Abacavir (ABC)+ Lamivudine (3TC) 120mg +60mg	tablet 2FDC	600
3	Dolutegravir (DTG) , 50 mg ( children 20-30kg )	tablet	300
4	Azithromycin, oral suspension 200mg/5 ml	bottle, 15 ml	10
5	Azithromycin, tablets 250mg	tablet	200
6	Cefixime (as trihydrate), powder for oral suspension, 100 mg/5 ml	bottle, 15 ml	10
7	Cefixime, tablets 200mg	tablet	112
8	Levonorgestrel, tablets 1.50mcg	tablet	50
9	Pregnancy test	unit	50
10	Flash Drive with full set of guidance documents <b>new guidance doc</b>	unit	1



Before ordering, make sure that the health care workers are familiar with the use of DTG for PEP

# NCD (2016)

( revision finalized -NCDK 2022 ready Q4 2022)



## Structure :

Medicines (+ cold chain)



Supply & equipment





**Purpose:** Focus primarily on most common NCD amenable to **PHC** management: hypertension/CVD, Diabetes, Chronic respiratory diseases plus selected mental health and neurological conditions

**Target:** design for an outreach population of **10'000 persons/ 3 months**


# New NCDK 2022

	KMEDNCDK2----A1	NON COMMUNICABLE DISEASES KIT (NCDK), 2021, complete
<b>MODULE 1</b>	KMEDNCDK2MM--A1	(NCDK 2022) MODULE MEDICINES
<b>MODULE 2</b>	KMEDNCDK2MMH-A1	(NCDK 2022) MODULE MENTAL HEALTH 
<b>MODULE 3</b>	KMEDNCDK2MCC-A1	(NCDK 2022) MODULE COLD CHAIN
<b>MODULE 4</b>	KMEDNCDK2MR--A1	(NCDK 2022) MODULE RENEWABLES
<b>MODULE 5</b>	KMEDNCDK2ME--A1	(NCDK 2022) MODULE EQUIPMENT
<b>MODULE 6</b>	KMEDNCDK2MG--A1	(NCDK 202) MODULE GLUCOMETER 

10,000

**3 Months**



**Medicines**



1 2 3

**Supply & Equipment**


4 5 6

1

2

3



**Supply & equipment**

4 Renewables

5 Equipment

6 Glucometer



# PED/SAM 2020



## Structure :

SAM module

Oral medicines module

Injectable medicines module

Malaria module

Supply & equipment

## Purpose:

To supply essential medicines to treat the most common childhood diseases including severe acute malnutrition with medical complications.

## Target :

Children aged 6 months -14 years old



Do **NOT** contain therapeutic FOOD/ MILK . Order separately F-75 and F-100 on the WHO catalogue.

# Beneficiaries of the PED-SAM 2020

## SAM module

- Essential medicines to treat 50 children suffering from severe acute malnutrition with medical complications
- **Inpatient care (hospital or stabilisation centre)**
- **1 SAM module = 50 SAM children as beneficiaries**



## Oral module

- Oral medicines, mainly antibiotics, pain killers and anti diarrheal medicines
- Child friendly formulation
- Used at **paediatric ward, mobile clinic or outpatient service**
- **Assumption is to support treatment for about 200 children.**

## Oral + Injectable module

- Oral + injectable medicines mainly antibiotics, pain killers and anti diarrheal medicines
- **Inpatient care (hospital)**
- **Assumption is to support treatment for about 200 children.** (10-bed ward for about 3 months, stay 4-6 days =  $10 \times 90 / 5 = 180$  children)

Watch our video: <https://www.who.int/emergencies/emergency-health-kits/severe-acute-malnutrition-with-medical-complications-kit#>

# Measles kit 2021



## Structure :

Severe measles cases

Mild measles cases

Supply & equipment



**Purpose:** to prepare for and support the treatment of non-severe and severe measles cases during outbreaks.

**Target :** Children population :

50 severe cases

20 mild cases



Do **NOT** contain therapeutic FOOD/ MILK . Order separately F-75 and F-100 on the WHO catalogue.

- ✓ For outpatient (OPD or during outbreak investigation)
- ✓ Contains medicines and supply for the treatment of about 20 measles mild cases complications, mostly acute respiratory infections (otitis, laryngotracheobronchitis and pneumonia)

Item number	Product name	Quantity
A4223	Albendazole 400mg, chewable	1.00
A8288	Amoxicillin 250mg, dispersible	10.00
F0678	Oral Rehydration Salts 20.5g, WHO mod.	1.00
A8222	Paracetamol 100mg, dispersible	1.00
A1901	Paracetamol 500mg	1.00
D0391	Vitamin A 200.000IU (Retinol)	1.00
A7559	Zinc Sulphate 20mg (Dispersible tablet)	1.00
I0022	Tetracycline HCl 1%, 5g, eye ointment	1.00
M4128	Gloves examination, nitrile, blue, medi...	1.00
Q0083	Soap bar, 100g, individually wrapped	2.00
L0442	Tongue depressor, wood	1.00
L9336	Tape, Measuring, Arm Circumference, (...)	1.00
L7745	Thermometer, Digital, Waterproof, 30-40s...	1.00
F1077	Nystatin 100,000 IU/ml, 30ml, susp. liq.	10.00

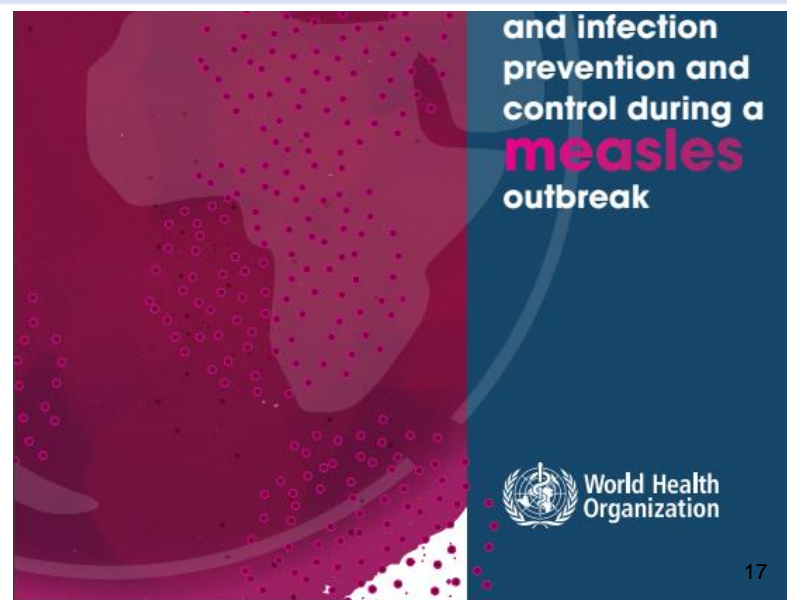




# PED-SAM / Measles kit

The same kit but labelled differently for visibility:

	KIT, PAEDIATRIC-SAM (PED-SAM 2020), complete	KIT, Measles 2021 , complete
<b>MODULE 1</b>	(Kit PED-SAM 2020) MODULE, MEDICINES SAM	(kit Measles 2021) MODULE, MEDICINES SEVERE CASES
<b>MODULE 2</b>	(Kit PED-SAM 2020) MODULE, MEDICINES PED ORAL	
<b>MODULE 3</b>	(Kit PED-SAM 2020) MODULE, MEDICINES PED INJECTABLES	
<b>MODULE 4</b>	(Kit PED-SAM 2020) MODULE, MEDICINES PED CONTROLLED	(kit Measles 2021) MODULE, MEDICINES PED CONTROLLED
<b>MODULE 5</b>	(Kit PED-SAM 2020) MODULE, MEDICINES MALARIA	(kit Measles 2021) MODULE, MEDICINES MALARIA
<b>MODULE 6</b>	(Kit PED-SAM 2020) MODULE, RENEWABLES	(kit Measles 2021) MODULE, RENEWABLES
<b>MODULE 7</b>	(Kit PED-SAM 2020) MODULE, EQUIPMENT	(kit Measles 2021) MODULE, EQUIPMENT
<b>MODULE 8</b>		(kit Measles 2021) MODULE, MEDICINES&SUPPLY MILD CASES



# Pneumonia kit 2020



## Structure :

Medicines  
Suppl & equipment



## Purpose:

The kit contains live-saving treatment for pneumonia:

- fast breathing pneumonia with no chest indrawing with first-line treatment **amoxicillin** in child-friendly formulation.
- Severe pneumonia with first-line treatment parenteral **ampicillin and gentamicin**
- Including treatment for HIV-children with pneumonia **ceftriaxone** and empiric **cotrimoxazole** treatment for suspected *Pneumocystis jirovecii* (previously *Pneumocystis carinii*) pneumonia (PCP)

## Target :

**100 cases of pneumonia** among which 60 cases of children  $\geq$  5 years old and 40 cases of children  $<$  5 years old and adults.

# CHOLERA kit (2020)



## Structure :

- kit 1: Central reference kit
- Kit 2: Periphery kit
- Kit 3: Community kit
- Kit 4: Hardware kit
- Kit 5: Investigation kit
- Kit 6: Laboratory kit/ check list

**Purpose:** designed to support the first month of initial cholera outbreak response (kits 1 to 4) and/or support alert and surveillance (kits 5-6).

**Target :** to support EXISTING structures at central, peripheral and community level with case management of 100 cases

Kit	# cases	# Severe cases	# Mild cases
Central	100	80	20
Peripheral	100	60	40
Community	100	0	100

## Calculation tool:

<https://openwho.org/courses/cholera-kits>

### **CENTRAL REFERENCE KIT**

Treatment for 100 patients  
- 80 severe cases  
- 20 moderate cases

- 1) Central drugs module
- 2) Central renewable sup. module
- 3) Central equipment module
- 4) Central logistics module

### **PERIPHERY KIT**

Treatment for 100 patients  
- 40 severe cases  
- 60 moderate cases

- 1) Periphery drugs module
- 2) Periphery renewable sup. module
- 3) Periphery equipment module
- 4) Periphery logistics module

### **COMMUNITY KIT**

Rehydration for 100 patients  
- 100 moderate cases

- 1) Community drugs module
- 2) Community based case module

when there is no infrastructure to host patients

### **HARDWARE KIT**

- |                      |                      |
|----------------------|----------------------|
| 1) Shelter module    | 4) Support module    |
| 2) Water module      | 5) Fencing module    |
| 3) Sanitation module | 6) Motor pump module |
|                      | 7) Water tool box    |

### **INVESTIGATION KIT**

Material for 100 samples  
Collection swabs  
Rapid diagnostic tests

+

Equipment for sample transportation  
Transport boxes

### **LABORATORY KIT / CHECKLIST**

Laboratory supplies for 100 samples

**INITIAL RESPONSE**

**ALERT / SURVEILLANCE**



# Beneficiaries of the Cholera kit 2020

## Central module

## Peripheral module

## Community module

All modules are to treat 100 cases of cholera

- 1 central module contains medicines to treat = 80 severe cases and 20 mild cases
- 1 peripheral module contains medicines to treat = 60 severe cases and 40 mild cases
- 1 community module contains medicines to treat = 100 mild cases

- ✓ Note that you can no longer order a full central, peripheral or community kit at once
- ✓ Order according to your needs (medicines / supply / logistics/ equipment )
- ✓ You need the supply module when ordering medicines (injection supply)
- ✓ Supply logistics and equipment are about the same in central and peripheral modules
- ✓ Logistics are voluminous modules
- ✓ Equipment can be reused , quantification is one per health facility per year.

# Beneficiaries of the Cholera kit 2020

## Investigation module

## Laboratory module

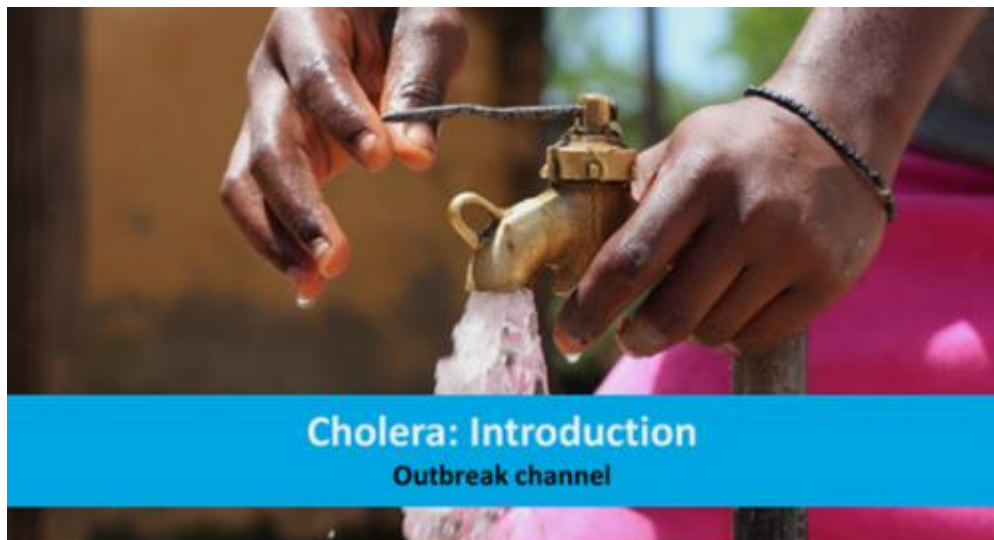
Both modules are to collect&test 100 suspected samples of cholera

- 1 investigation module contains supply collect = 100 samples

- 1 laboratory module contains supply to perform = 100 laboratory confirmation tests



Short expiry due to the nature of the goods ! Re-order frequently



[Cholera: Introduction | OpenWHO](#)

# TESK (2019)

Trauma & Emergency  
Surgery Kit



## Structure :

**MODULE 1: DRUGS & RENEWABLES, for 50 patients hospitalized**

SUB-MODULE 1A: 7 sets of medicines

SUB-MODULE 1B : 11 sets of renewable commodities

SUB-MODULE 1C: 3 sets supplementary renewables

**MODULE 2 : SURGICAL INSTRUMENTS**

24 Sets of surgical instruments

**Purpose:** WHO TESH is intended to provide the resources needed for surgical procedures in operating theatres.

**Target :** to meet the needs of **50 patients requiring surgical care in emergency situations**, assuming an average of two operations per patient.

The composition of TESH has recently been revised in collaboration with the International Committee of the Red Cross to meet the dynamic requirements of emergency situations



ICRC

Product category	WHO item code	WHO item description	UoM	Quantity
<b>KIT</b>	<b>KMEDTESK1----A1</b>	<b>KIT, TRAUMA &amp; EMERGENCY SURGERY KIT (TESK 2017), for 50 patients hospitalized</b>		
<b>MODULE 1</b>	<b>KMEDTESM1----A1</b>	<b>(TESK 2019) MODULE 1, DRUGS &amp; RENEWABLES, for 50 patients hospitalized</b>	Kit	1
<b>MODULE 1A</b>	<b>KMEDTESM1A--A1</b>	<b>(TESK 2019) MODULE 1A, DRUGS</b>	Kit	1
SET1A1	<a href="#">KMEDTESM1AB--A1</a>	(TESK 2019)module 1A) SET, DRUGS, BASIC	Set	1
SET1A2	<a href="#">KMEDTESM1AC--A1</a>	(TESK 2019 module 1A) SET, DRUGS, CONTROLLED	Set	1
SET1A3	<a href="#">KMEDTESM1AAR-A1</a>	(TESK 2019 module 1A) SET, DRUGS, ANTIDOTE RESCUE	Set	1
SET1A4	<a href="#">KMEDTESM1ACC-A1</a>	(TESK 2019 module 1A) SET, DRUGS, COLD CHAIN	Set	1
SET1A5	<a href="#">KMEDTESM1ADG-A1</a>	(TESK 2019 module 1A) SET, DRUGS, DANGEROUS GOODS	Set	1
SET1A6	<a href="#">KMEDTESM1AI--A1</a>	(TESK 2019 module 1A) SET, DRUGS, INFUSIONS	Set	1
SET1A7	<a href="#">KMEDTESM1AD--A1</a>	(TESK 2019 module 1A) SET, DRUGS, DISINFECTANTS	Set	1
<b>MODULE 1B</b>	<b>KMEDTESM1B--A1</b>	<b>(TESK 2019) MODULE 1B, RENEWABLES COMMODITIES, for 50 patients</b>	Kit	1
SET1B1	<a href="#">KMEDTESM1BG--A1</a>	(TESK 2019 module 1B) SET, RENEWABLES, GLOVES	Set	1
SET1B2	<a href="#">KMEDTESM1BA--A1</a>	(TESK 2019 module 1B) SET, RENEWABLES, ANAESTHESIA, basic material	Set	1
SET1B3	<a href="#">KMEDTESM1BI--A1</a>	(TESK 2019 y module 1B) SET, RENEWABLES, INJECTION MATERIAL	Set	1
SET1B4	<a href="#">KMEDTESM1BD--A1</a>	(TESK 2019 module 1B) SET, RENEWABLES, DRESSING MATERIAL	Set	1
SET1B5	<a href="#">KMEDTESM1BDB-A1</a>	(TESK 2019 module 1B) SET, RENEWABLES, DRESSING MATERIAL, BURNS	Set	1
SET1B6	<a href="#">KMEDTESM1BPC-A1</a>	(TESK 2019 module 1B) SET, RENEWABLES, PLASTER CASTING MATERIAL	Set	1
SET1B7	<a href="#">KMEDTESM1BST-A1</a>	(TESK 2019 module 1B) SET, RENEWABLES, STERILISATION, for autoclave	Set	1
SET1B8	<a href="#">KMEDTESM1BSD-A1</a>	(TESK 2019 module 1B) SET, RENEWABLES, SURGICAL DRAINAGE MATERIAL	Set	1
SET1B9	<a href="#">KMEDTESM1BS--A1</a>	(TESK 2019 module 1B) SET, RENEWABLES, SUTURES	Set	1
SET1B10	<a href="#">KMEDTESM1BUD-A1</a>	(TESK 2019 module 1B) SET, RENEWABLES, URINE DRAINAGE MATERIAL	Set	1
SET1B11	<a href="#">KMEDTESM1BSM-A1</a>	(TESK 2019 module 1B) SET, RENEWABLES, SURGICAL MISCELLANEOUS MATERIAL	Set	1
<b>MODULE 1C</b>	<b>KMEDTESM1C--A1</b>	<b>(TESK 2019) MODULE 1C, SUPPLEMENTARY, RENEWABLES COMMODITIES, for 50 patients</b>	Kit	1
SET1C1	<a href="#">KMEDTESM1CA--A1</a>	(TESK 2019 module 1C) SET, SUPPLEMENTARY, ANAESTHESIA MATERIAL	Set	1
SET1C2	<a href="#">KMEDTESM1CE--A1</a>	(TESK 2019 module 1C) SET, SUPPLEMENTARY, EXTRICATION COLLARS	Set	1
SET1C3	<a href="#">KMEDTESM1CS--A1</a>	(TESK 2019 module 1C) SET, SUPPLEMENTARY, SPLINTS, for 15-20 fracture cases	Set	1
SET1C4	<a href="#">KMEDTESM1CI--A1</a>	(TESK 2019 module 1C) SET, SUPPLEMENTARY, INTUBATION & LARYNGOSCOPE	Set	1

# Module (TESK 2019 module 1A) SET, DRUGS, BASIC

Compose of 5 boxes :

box 1 to 5 about 120kg = half pallet





# CTT kit 2021



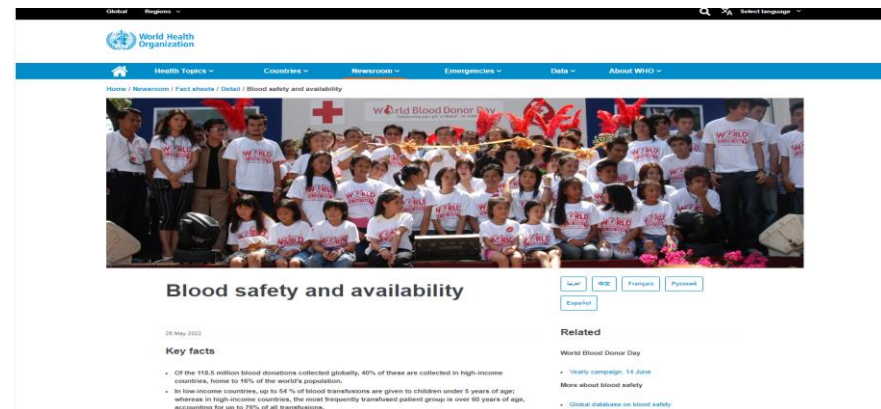
## Structure :

Testing: RDTs + blood grouping (cold chain)  
Collection (3a) & Transfusion (3b)  
Equipment

**Purpose:** To provide supply & equipment to collect, test and transfuse 50 blood bags.

**Target :** Surgery & trauma care unit, blood donation center

<https://www.who.int/news-room/fact-sheets/detail/blood-safety-and-availability>



World Health Organization

Home | Newsroom | Fact sheets | Detail | Blood safety and availability

### Blood safety and availability

28 May 2022

**Key facts**

- Of the 118.6 million blood donations collected globally, 40% of these are collected in high-income countries, home to 14% of the world's population.
- In low-income countries, up to 14% of blood transfusions are given to children under 5 years of age; whereas in high-income countries, the most frequently transfused patient group is over 60 years of age, accounting for up to 70% of all transfusions.

**Related**

- World Blood Donor Day
- Worldly campaign, 14 June
- More about blood safety
- Global database on blood safety
- WHO's work on blood safety

# SCK kit 2022



## Structure :



## One module for each type of supply for sampling:

- Blood
- Cerebral spinal fluid -CFS (meningitis kit)
- TB samples with 3 different methods :  
respiratory samples, sputum induction,  
nasopharyngeal aspiration
- Stool
- Skin
- Urine
- Transport

**Purpose:** The CSK kit contains the necessary supply for the collection and transport of various biomedical samples

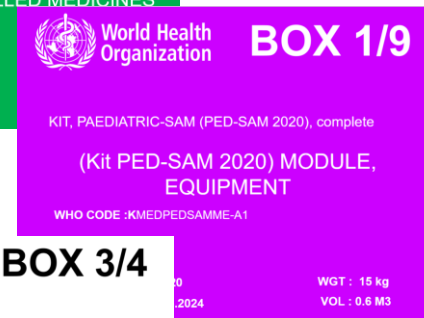
**Target :** hospitals, laboratories, epidemiologists' team, etc.

# WHO Kit Color Label

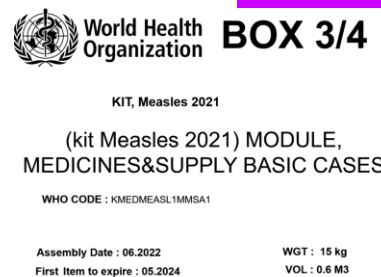
Kit Name	colour label
IEHK	Green
NCDK	Yellow
PED-SAM kit	Purple
Measles kit	Pink
TESK	Red
Cholera kits	Orange
Pneumonia kit	White
other	Blue



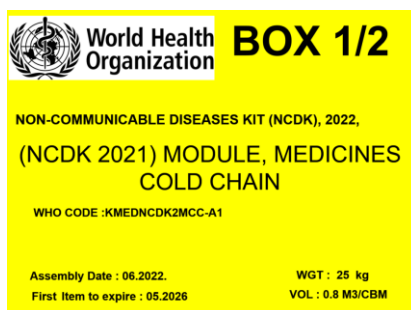
World Health Organization **BOX 1/1**  
 Interagency Emergency Health Kit – 2017  
 (IEHK 2017, SUPPLEMENTARY)  
 MODULE CONTROLLED MEDICINES  
 WHO CODE : KMEDIEHM2SA1-A1  
 Assembly Date : 05.2020  
 First Item to expire : 06.2023



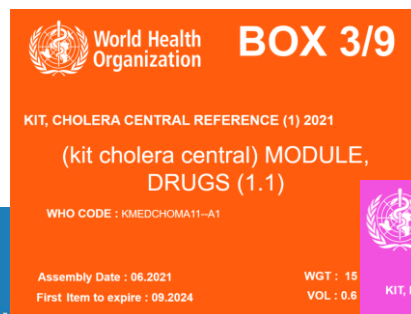
World Health Organization **BOX 1/9**  
 KIT, PAEDIATRIC-SAM (PED-SAM 2020), complete  
 (Kit PED-SAM 2020) MODULE,  
 EQUIPMENT  
 WHO CODE : KMEDPEDSAMME-A1  
 WGT : 15 kg  
 VOL : 0.6 M3



World Health Organization **BOX 3/4**  
 KIT, Measles 2021  
 (kit Measles 2021) MODULE,  
 MEDICINES&SUPPLY BASIC CASES  
 WHO CODE : KMEDMEASL1MMSA1  
 Assembly Date : 06.2022  
 First Item to expire : 05.2024  
 WGT : 15 kg  
 VOL : 0.6 M3



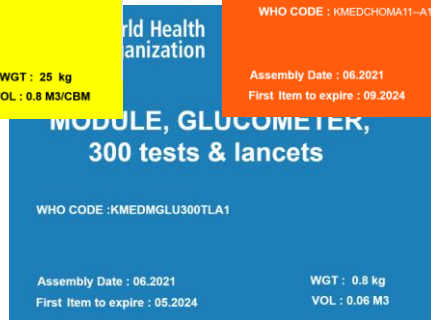
World Health Organization **BOX 1/2**  
 NON-COMMUNICABLE DISEASES KIT (NCDK), 2022,  
 (NCDK 2021) MODULE, MEDICINES  
 COLD CHAIN  
 WHO CODE : KMEDNCDK2MCC-A1  
 Assembly Date : 06.2022.  
 First Item to expire : 05.2026  
 WGT : 25 kg  
 VOL : 0.8 M3/CBM



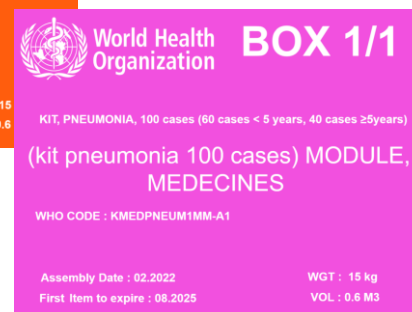
World Health Organization **BOX 3/9**  
 KIT, CHOLERA CENTRAL REFERENCE (1) 2021  
 (kit cholera central) MODULE,  
 DRUGS (1.1)  
 WHO CODE : KMEDCHOMA11-A1  
 Assembly Date : 06.2021  
 First Item to expire : 09.2024  
 WGT : 15 kg  
 VOL : 0.6 M3



World Health Organization **BOX 1/1**  
 TRAUMA & EMERGENCY SURGERY KIT (TESK  
 2019)  
 (TESK 2017 module 2B) SET, ORTHO.  
 SURGERY INSTRUMENTS,  
 AMPUTATION  
 WHO CODE : KMEDTESM2BA-A1  
 Assembly Date : n/a  
 First Item to expire : n/a  
 WGT : 5.2 kg  
 VOL : 0.01 M3



World Health Organization **BOX 1/1**  
 MODULE, GLUCOMETER,  
 300 tests & lancets  
 WHO CODE : KMEDMGLU300TLA1  
 Assembly Date : 06.2021  
 First Item to expire : 05.2024  
 WGT : 0.8 kg  
 VOL : 0.06 M3



World Health Organization **BOX 1/1**  
 KIT, PNEUMONIA, 100 cases (60 cases < 5 years, 40 cases ≥5years)  
 (kit pneumonia 100 cases) MODULE,  
 MEDECINES  
 WHO CODE : KMEDPNEUM1MM-A1  
 Assembly Date : 02.2022  
 First Item to expire : 08.2025  
 WGT : 15 kg  
 VOL : 0.6 M3

# Thank you



World Health  
Organization



**WHO**

20, Avenue Appia  
1211 Geneva

Switzerland

WHO standard Emergency Health kits