WHO Standard emergency
Health kits - update 06 / 2019
Background
WHO standard Emergency Health kits

- What is a kit:
  - An emergency health kit is a complete set of drugs, supplies and equipment that are needed either to provide basic health care for a stated population size or to manage a certain set of health conditions.
  - Emergency kits are intended ONLY to fill gaps created in an emergency situation, and NOT to replace existing supply chain mechanisms (resupply).

- WHO Standards kits are Catalogue items

The major WHO standard Emergency Health Kits

- Interagency Emergency Health Kit 2017 (IEHK)
- Cholera kits (formerly known as IDD kits)
- Severe Acute Malnutrition with Medical Complications Kit

Non communicable diseases kit 2016 (NCDK)
Major trauma backpack (for medical doctors)
Trauma & Emergency Surgery Kit

- Interagency Emergency Health Kit 2017
- Revised cholera kits
- Cholera: Revised cholera kits and calculation tool
- Severe Acute Malnutrition with Medical Complications Kit (SAM/MC kit)
- Care of the injured
- View the content of the backpack pdf, 211kb
- View the backpack pdf, 254kb
- WHO Trauma & Emergency Surgery Kit (WHO TESK) 2019

https://www.who.int/emergencies/kits/en/
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 number 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 SAM/MC kit **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 (SHC)

Purpose: The IEHK is intended for use only in the early phase of an emergency. The complete kit provides the essential medicines and medical devices (renewable and equipment) urgently needed in a disaster situation.

Target: outreach population of 10’000 / 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 on the basis of a needs assessment.
Changes

Content:
- Major changes are on the supplementary modules with inclusion of NCD drugs/equipment

Packing / modules
- Basic module: split in two parts 1) medicines 2) renewables & equipment
- Supp. Modules medicines: split into 3 parts: 1) medicines 2) cold chain 3) controlled medicines

Same
- PEP and MALARIA modules have been revised in 2015
- Renewables modules

IEHK (2017)
New version available January 2019 at suppliers
IEHK 2017) Technical background of each module

Basic module medicine & supply & equipment

- Only 1 antibiotics – Amoxicillin 250mg
- Can be handled by non qualified health care worker (PHC- community)

No medicines for NCD, HIV or TB!

Basic malaria

- To cover a population of 1’000 people 3 months with a malaria prevalence of about 40%
- Co Artem : 150/>15kg - 30/>25kg - 30/ >35kg – 180 adults
- DRTs + lancets

Co Artem might NOT be the first line treatment in the country
Depending of the setting be aware that the quantity of Co Artem for small children might not be sufficient

Supplementary medicines

- Including medicines and infusion set
- Including cold chain medicines (oxytocin/insulin)
- Including salbutamol push (received separately)

ORDER Controlled medicines module separately!
Check the list of controlled medicines in your country

Supplementary Malaria

- To cover a population of 10’000 people 3 months for complicated malaria ONLY prevalence of 1-5%
- To be used at Hospital level ONLY
- Poster of reconstitution inside the box

If you need complementary malaria TTT for OPD, please add the basic module malaria and adjust the quantity according to the outreach population of the hospital
IEHK-2017 structure

**Basic module**
- Basic module: 1,000 people
- Malaria unit: 10,000 people

**Supplementary module:**
- Medicines
- Medicines (controlled)
- Medicines (cold chain)
- PEP unit
- Malaria unit
- Equipment
- Renewable

**Interagency Health Kit 2017**
- Medicines and medical items for 10,000 people for 3 months
- Approx. Weight: 1,200 kg
- Approx. Volume: 6.5 m³
# Modules of the IEHK-2017

**Basic modules to serve a population of 1’000 person**

**Supplementary modules to serve a population of 10’000 person**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMEDIEHK17---A1</td>
<td>(IEHK 2017) INTERAGENCY EMERGENCY HEALTH KIT, COMPLETE, 10 000 persons, 3 months</td>
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<tr>
<td>KMEDIEHKBMM1-A1</td>
<td>(IEHK 2017, BASIC) MODULE, MEDECINES w/o Malaria</td>
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<tr>
<td>KMEDIEHKBMM2-A1</td>
<td>(IEHK 2017, BASIC) MODULE, MALARIA</td>
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<tr>
<td>KMEDIEHKBMRE3A1</td>
<td>(IEHK 2017, BASIC) MODULE, RENEWABLE AND EQUIPMENT</td>
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<tr>
<td>KMEDIEHKSCEMCM3A1</td>
<td>(IEHK 2017, SUPPLEMENTARY) MODULE MEDICINES COLD CHAIN</td>
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<tr>
<td>KMEDIEHKSMD8-A1</td>
<td>(IEHK 2017, SUPPLEMENTARY) MODULE, DOCUMENTATION</td>
</tr>
<tr>
<td>KMEDIEHKSME7-A1</td>
<td>(IEHK 2017, SUPPLEMENTARY) MODULE, EQUIPMENT</td>
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<tr>
<td>KMEDIEHKSMME1-A1</td>
<td>(IEHK 2017, SUPPLEMENTARY) MODULE MEDICINES</td>
</tr>
<tr>
<td>KMEDIEHKSMME2-A1</td>
<td>(IEHK 2017, SUPPLEMENTARY) MODULE CONTROLLED MEDICINES</td>
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<tr>
<td>KMEDIEHKSMME4-A1</td>
<td>(IEHK 2017, SUPPLEMENTARY) MODULE, MALARIA</td>
</tr>
<tr>
<td>KMEDIEHKSMMP5-A1</td>
<td>(IEHK 2017, SUPPLEMENTARY) MODULE, PEP, treatments for 50 adults + 10 children</td>
</tr>
<tr>
<td>KMEDIEHKSMRE6-A1</td>
<td>(IEHK 2017, SUPPLEMENTARY) MODULE, RENEWABLE</td>
</tr>
</tbody>
</table>
Structure:
1a Basic module medicines
1b Basic module cold chain medicines
1c Basic module supply & renewable
1d Basic module supply for equipment
1e Basic module equipment

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

Target: outreached population of 10’000 / 3 months
# NCD Technical background of each module

## Module 1a basic medicines
- Re supply for 90 days – regarding the profile of diseases make sure you have enough, cannot stop providing these medicines from one day to another.
- Drugs are in blisters pack.

Glyceryl trinitrate is in spray.
Beclomethasone/salbutamol are send separately (large quantities).

## 1b: insulin module
- Cold chain.
- Contain insulin R, MNH and 70/30 to cover about 100 patients /10,000 diabetes type I.
- Contain also insulin syringes (10,000).
- Contains a data logger – READ it!

Make sure of appropriate storage space; (capacity and 2-8°C). Make sure of good storage practices of cold chain item. Even in transit!

## 1c supply & renewable
- Few basic items.
- Could be re-order in the same quantities as the module 1a.

## 1d: equipment supply
- Supply for the equipment ONLY.
- Mainly lancets and glucose strips.

Re-order to be monitor along with the number of diabetic patients.

## 1e: equipment
- No need to order it every time.

Be aware that the glucose strips are tight to the brand of the glucometer. All brands available in the catalogue as single items.
Structure:
Medicines module
Malaria module
Supplementary module
Equipment & supply

Purpose: Provide essential drugs for the inpatient management of severe acute malnutrition with medical complications in children (SAM-MC).

Target: 50 children (0-49 months) with SAM with MC

The kit is **NOT design for** primary health care. Do **NOT** contain therapeutic FOOD order separately F-75 and F-100 (WHO catalogue)

Complementary kits (UNICEF): UNICEF Kit S114052 (inpatient – equipment module) S114053 (inpatient medical supplies) S114051 (inpatient registration) S114056 (outpatient equipment) s114055 (outpatient registration) S114050 (anthropometric equipment)
Technical background of each module

**Medicines module**

- Design specially for children with low weight (mostly syrup/ssp).

No medicines for HIV or TB!
This kit could also be used for the pediatric wards

**Supplementary medicines**

- Contains third line treatment
- Injectable

No controlled medicines

**malaria module**

- Contains ACT: 60/baby - 30/children
- And Artesunate (including reconstitution posters)
- And DRTs + lancets

Could be ordered separately to complement the basic unit kit IEHK

**Equipment and supply**

- Did not contain anthropometric or cups, or therapeutic food (F-100, F-75)
- Basic medical supply for the general pediatric wards

UNICEF malnutrition kits in addition which does **NOT** contains medicines
Place a separate order for F-100 and F-75 or plumpy nuts
CHOLERA kit (2015)

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 1-4) 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

<table>
<thead>
<tr>
<th>Kit</th>
<th># cases</th>
<th># Severe cases</th>
<th># Mild cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central</td>
<td>100</td>
<td>80</td>
<td>20</td>
</tr>
<tr>
<td>Peripheral</td>
<td>100</td>
<td>60</td>
<td>40</td>
</tr>
<tr>
<td>Community</td>
<td>100</td>
<td>0</td>
<td>100</td>
</tr>
</tbody>
</table>

Calculation tool: https://openwho.org/courses/cholera-kits
Cholera Technical background (full content list available on the website)

Addition only in central Reference kit of Glucose 50%, injection and Potassium chloride 100 mg/ml, => to be handled by trained medical doctors!

Contain also supply to take samples => regular sampling to make sure you are treating cholera.

Depending on your needs you could also request ONLY one module of the different treatment kits: e.g (Central peripheral kit) central drug module 1.1 on the WHO catalogue.
Cholera Technical background (full content list available on the website)

Addition only in the community kit of one Plastic casing ceramic filter (fairey) to make sure the water is safe.

A single module with enough material to carry out 10 rapid tests and take 10 samples.

The module does NOT contain the triple box for shipment!
Cholera Technical background (full content list available on the website)

This kit/checklist lists the items needed to culture samples.

The antisera and antibiotic disks have a shelf life of 18 months and require cold chain (2-8°C).

This kit contains equipment to set up a new cholera treatment structure when there is none existing in the area.

This module is bulky and expensive, check first availability of material on site such as tents and plastic sheeting.
On line presentation of the Cholera kit 2015

Video lecture: Background on revised cholera kits

https://openwho.org/courses/cholera-kits/items/16c602fOZaw5oKJ4QNlYvYE
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 TESK 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 TESK has recently been revised in collaboration with the International Committee of the Red Cross to meet the dynamic requirements of emergency situations.
# Modules of the TESK 2019

<table>
<thead>
<tr>
<th>MODULE 1</th>
<th>KMEDTESM1---A1</th>
<th>[TESK 2019] MODULE 1, DRUGS &amp; RENEWABLES, for 50 patients hospitalized</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODULE 1A</td>
<td>KMEDTESM1A---A1</td>
<td>[TESK 2019] MODULE 1A, DRUGS</td>
</tr>
<tr>
<td>SET1A1</td>
<td>KMEDTESM1AB--A1</td>
<td>(TESK 2019 module 1A) SET, DRUGS, BASIC</td>
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<tr>
<td>SET1A2</td>
<td>KMEDTESM1AC--A1</td>
<td>(TESK 2019 module 1A) SET, DRUGS, CONTROLLED</td>
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<tr>
<td>SET1A3</td>
<td>KMEDTESM1AAR--A1</td>
<td>(TESK 2019 module 1A) SET, DRUGS, ANTIDOTE RESCUE</td>
</tr>
<tr>
<td>SET1A4</td>
<td>KMEDTESM1ACC--A1</td>
<td>(TESK 2019 module 1A) SET, DRUGS, COLD CHAIN</td>
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<tr>
<td>SET1A5</td>
<td>KMEDTESM1ADG--A1</td>
<td>(TESK 2019 module 1A) SET, DRUGS, DANGEROUS GOODS</td>
</tr>
<tr>
<td>SET1A6</td>
<td>KMEDTESM1Al--A1</td>
<td>(TESK 2019 module 1A) SET, DRUGS, INFUSIONS</td>
</tr>
<tr>
<td>SET1A7</td>
<td>KMEDTESM1AD--A1</td>
<td>(TESK 2019 module 1A) SET, DRUGS, DISINFECTANTS</td>
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</table>

<table>
<thead>
<tr>
<th>MODULE 1B</th>
<th>KMEDTESM1B---A1</th>
<th>[TESK 2019] MODULE 1B, RENEWABLES COMMODITIES, for 50 patients</th>
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<tbody>
<tr>
<td>SET1B1</td>
<td>KMEDTESM1BG--A1</td>
<td>(TESK 2019 module 1B) SET, RENEWABLES, GLOVES</td>
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<tr>
<td>SET1B2</td>
<td>KMEDTESM1BA--A1</td>
<td>(TESK 2019 module 1B) SET, RENEWABLES, ANAESTHESIA, basic material</td>
</tr>
<tr>
<td>SET1B3</td>
<td>KMEDTESM1BI--A1</td>
<td>(TESK 2019 y module 1B) SET, RENEWABLES, INJECTION MATERIAL</td>
</tr>
<tr>
<td>SET1B4</td>
<td>KMEDTESM1BD--A1</td>
<td>(TESK 2019 module 1B) SET, RENEWABLES, DRESSING MATERIAL</td>
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<tr>
<td>SET1B5</td>
<td>KMEDTESM1BDB--A1</td>
<td>(TESK 2019 module 1B) SET, RENEWABLES, DRESSING MATERIAL, BURNS</td>
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<tr>
<td>SET1B6</td>
<td>KMEDTESM1BPC--A1</td>
<td>(TESK 2019 module 1B) SET, RENEWABLES, PLASTER CASTING MATERIAL</td>
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<tr>
<td>SET1B7</td>
<td>KMEDTESM1BST--A1</td>
<td>(TESK 2019 module 1B) SET, RENEWABLES, STERILISATION, for autoclave</td>
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<tr>
<td>SET1B8</td>
<td>KMEDTESM1BSD--A1</td>
<td>(TESK 2019 module 1B) SET, RENEWABLES, SURGICAL DRAINAGE MATERIAL</td>
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<tr>
<td>SET1B9</td>
<td>KMEDTESM1BS--A1</td>
<td>(TESK 2019 module 1B) SET, RENEWABLES, SUTURES</td>
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<tr>
<td>SET1B10</td>
<td>KMEDTESM1BUD--A1</td>
<td>(TESK 2019 module 1B) SET, RENEWABLES, URINE DRAINAGE MATERIAL</td>
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<tr>
<td>SET1B11</td>
<td>KMEDTESM1BSM--A1</td>
<td>(TESK 2019 module 1B) SET, RENEWABLES, SURGICAL MISCELLANEOUS MATERIAL</td>
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</table>

<table>
<thead>
<tr>
<th>MODULE 1C</th>
<th>KMEDTESM1C---A1</th>
<th>[TESK 2019] MODULE 1C, SUPPLEMENTARY, RENEWABLES COMMODITIES, for 50 patients</th>
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<tbody>
<tr>
<td>SET1C1</td>
<td>KMEDTESM1CA--A1</td>
<td>(TESK 2019 module 1C) SET, SUPPLEMENTARY, ANAESTHESIA MATERIAL</td>
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<tr>
<td>SET1C2</td>
<td>KMEDTESM1CE--A1</td>
<td>(TESK 2019 module 1C) SET, SUPPLEMENTARY, EXTRICATION COLLARS</td>
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<tr>
<td>SET1C3</td>
<td>KMEDTESM1CS--A1</td>
<td>(TESK 2019 module 1C) SET, SUPPLEMENTARY, SPLINTS, for 15-20 fracture cases</td>
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<tr>
<td>SET1C4</td>
<td>KMEDTESM1CI--A1</td>
<td>(TESK 2019 module 1C) SET, SUPPLEMENTARY, INTUBATION &amp; LARYNGOSCOPE</td>
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## Surgical Instrument Sets

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<th>Code</th>
<th>Description</th>
</tr>
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<tr>
<td>Module 2</td>
<td>KMEDTESM2---A1</td>
<td>(TESK 2017) Module 2, Surgery, Instruments</td>
</tr>
<tr>
<td>SET2A2</td>
<td>KMEDTESM2AD-A1</td>
<td>(TESK 2017 module 2A) Set, General Surgery Instruments, Dressing</td>
</tr>
<tr>
<td>SET2A3</td>
<td>KMEDTESM2AC-A1</td>
<td>(TESK 2017 module 2A) Set, General Surgery Instruments, Cranectomy, Complementary</td>
</tr>
<tr>
<td>SET2A4</td>
<td>KMEDTESM2AL-A1</td>
<td>(TESK 2017 module 2A) Set, General Surgery Instruments, Laparotomy, + Caesarian</td>
</tr>
<tr>
<td>SET2A5</td>
<td>KMEDTESM2ADP-A1</td>
<td>(TESK 2017 module 2A) Set, General Surgery Instruments, DPC (Suture)</td>
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<tr>
<td>SET2A6</td>
<td>KMEDTESM2ADE-A1</td>
<td>(TESK 2017 module 2A) Set, General Surgery Instruments, Debridement</td>
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<tr>
<td>SET2A7</td>
<td>KMEDTESM2ASG-A1</td>
<td>(TESK 2017 module 2A) Set, General Surgery Instruments, Skin Graft</td>
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<tr>
<td>SET2A8</td>
<td>KMEDTESM2AF-A1</td>
<td>(TESK 2017 module 2A) Set, General Surgery Instruments, Fine (Pediatric), Complementary</td>
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<tr>
<td>SET2A9</td>
<td>KMEDTESM2AT-A1</td>
<td>(TESK 2017 module 2A) Set, General Surgery Instruments, Thoracotomy, Complementary</td>
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<tr>
<td>SET2B6</td>
<td>KMEDTESM2BRT-A1</td>
<td>(TESK 2017 module 2B) Set, Ortho. Surgery Instruments, Traction, + 10 Bows</td>
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<td>SET2C1</td>
<td>KMEDTESM2CD-A1</td>
<td>(TESK 2017 module 2C) Set, Dental Instruments, Extraction</td>
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<tr>
<td>SET2C2</td>
<td>KMEDTESM2CE-A1</td>
<td>(TESK 2017 module 2C) Set, Ear-Nose-Throat Instruments</td>
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<tr>
<td>SET2C3</td>
<td>KMEDTESM2CG-A1</td>
<td>(TESK 2017 module 2C) Set, Gynaecology Instruments, Dilator, Curette</td>
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<tr>
<td>SET2C4</td>
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<td>(TESK 2017 module 2C) Set, Ophthalmic Trauma Instruments, Complementary</td>
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<td>SET2C5</td>
<td>KMEDTESM2CR-A1</td>
<td>(TESK 2017 module 2C) Set, Reproductive Health Kit, Instruments, Dilator/Curette</td>
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<tr>
<td>SET2C6</td>
<td>KMEDTESM2CU1-A1</td>
<td>(TESK 2017 module 2C) Set, Urethral Sounds Instruments</td>
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<tr>
<td>SET2C7</td>
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<td>(TESK 2017 module 2C) Set, Urethral Sounds Instruments, Dittel, Curved</td>
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<td>SET2C8</td>
<td>KMEDTESM2CU3-A1</td>
<td>(TESK 2017 module 2C) Set, Urethral Sounds Instruments, Rutschelt, Straight</td>
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<tr>
<td>SET2C9</td>
<td>KMEDTESM2CV-A1</td>
<td>(TESK 2017 module 2C) Set, Vascular Instruments, Complementary</td>
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</table>
### Other Trauma kits

<table>
<thead>
<tr>
<th>TRAUMA A&amp;B</th>
<th>SURGICAL SUPPLY KIT (SSK)</th>
<th>ANESTHETIC KIT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Part A:</strong> medicines (PT/NT)</td>
<td><strong>ONLY</strong> surgical renewables</td>
<td><strong>medicines (PT/NT and cold chain) and renewables</strong></td>
</tr>
<tr>
<td><strong>Part B:</strong> supply &amp; equipment</td>
<td><strong>Purpose:</strong> provide supply for trauma interventions at <em>hospital</em> level</td>
<td><strong>Purpose:</strong> provide supply and essential medicines for trauma interventions at <em>hospital</em> level</td>
</tr>
<tr>
<td><strong>Purpose:</strong> provide supply and essential medicines for trauma interventions at <em>hospital</em> level</td>
<td><strong>Target:</strong> 100 interventions</td>
<td><strong>Target:</strong> 50 operations</td>
</tr>
<tr>
<td><strong>Target:</strong> 100 interventions</td>
<td>Replaced by TESK-2019 (end of 2019)</td>
<td>Replaced by TESK 2019 (end of 2019)</td>
</tr>
</tbody>
</table>

- Replaced by TESK 2019 (end of 2019)
Structure:
- 10 compartments to accommodate the different kits
- Each kit has to be color-coded so that the users can easily identify if his/her training level allows the application of the contents

**Purpose**: surge medical team – stabilization of patients

**Target**: Only be used by trained doctors

**Linked kit**: UN trauma back pack for paramedics/nurses
Thank you

WHO
20, Avenue Appia
1211 Geneva
Switzerland
Logistic overview

WHO Emergency health Kits
WHO Emergency kit label

Example

BOX 1/1

Interagency Emergency Health Kit – 2015

(IEHK 2015, SUPPLEMENTARY)

MODULE CONTROLLED MEDICINES

WHO CODE : KMEDEHEM2SA1-A1

Assembly Date : MM. YYYY

First Item to expire : MM.YYYY

WGT : 15 kg

VOL : 0.6 M3

Total number of boxes for that module (not for the complete kit)

What kit: as WHO standard emergency kit name

What module: Name as labelled in the WHO GSM Catalogue

WHO code: as labeled in the WHO GSM catalogue

Weight /volume of the box

First item to expire (≠ expiry date of the module or the kit or the box)
Color kit label

<table>
<thead>
<tr>
<th>Kit family</th>
<th>Color code</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEHK</td>
<td>Green (Pantone 361)</td>
</tr>
<tr>
<td>MSAM/MC</td>
<td>Purple (Pantone 2583)</td>
</tr>
<tr>
<td>NCD</td>
<td>Yellow (Pantone 102)</td>
</tr>
<tr>
<td>Cholera</td>
<td>Orange (Pantone 021)</td>
</tr>
<tr>
<td>Trauma A&amp;B</td>
<td>Red (pantone warm red)</td>
</tr>
<tr>
<td>All other WHO kits</td>
<td>Blue (Pantone 2925 C)</td>
</tr>
</tbody>
</table>
IEHK (2015/2017)

Logistic

- one module cold chain (oxytocin) 2-8°C
- Medicines to be kept 15-25°C (up to 30°C)
- Equipment and renewables up to 30°C

For one complete kit IEHK:

- **Total Weight:**
  - (2015) 1075 kg
  - (2017) 1250 kg
- **Total Volume:**
  - (2015) 5.1 cbm
  - (2017) 6.3 cbm

Above indications might vary slightly depending of the wholesale distributors.
Module 1b (insulin) cold chain 2-8C

Module 1a 15-25C (30C)

Module 1c and 1d up to 30C

Per module

✓ Module 1a: 250kg 1,4cbm
✓ Module 1b: 65kg 0,6cbm
✓ Module 1c: 10kg 0,05cbm
✓ Module 1d: 125kg 0,8cbm

Total of about 29 boxes

Above indications might vary slightly depending of the wholesale distributors
SAM/MC (2017)

Logistic

- No cold chain in that kit
- Medicines to be kept 15-25C (up to 30C)
- Equipment and renewables up to 30C

For one complete kit SAM/MC:

- Total Weight: 126 kg
- Total Volume: 0,6cbm

Above indications might vary slightly depending of the wholesale distributors
## Cholera kit (2015)

### Logistic

- Module central, peripheral and community have a drug unit: store 15-25C (30C)
- Module laboratory: cold chain 2-8C
- Other module up to 40 C

### Complete module:

- Module central: 1590kg 6.4 cbm
- Module peripheral: 800kg 3.7 cbm
- Module community: 66kg 0.2 cbm
- Module hardware: 2840kg 11 cbm
- Module investigation: 11kg 0.07 cbm
- Module laboratory: 15kg 0.2 cbm

*Above indications might vary slightly depending of the wholesale distributors*