

# WHO TESK REHABILITATION KIT (TRK 2025)

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

# Scope of the TESK rehabilitation kit 2025

Major trauma emergencies, such as earthquakes or conflicts, lead to a significant surge in both acute and long-term rehabilitation needs. Rapid access to rehabilitation services enhances patient outcomes and improves the efficiency of responses. However, assistive products and related rehabilitation supplies are often scarce, posing challenges to appropriate care and effective recovery.

#### What

The TESK Rehabilitation Kit (TRK) 2025 provides essential rehabilitation supplies and assistive products for 50 trauma patients in line with existing <u>TESK Ratios</u> - or the equivalent of a 14 day supply for a 20 bed Type 2 Emergency Medical Team (EMT) or trauma service. It consists of 5 sets, to allow for a more flexible, needs based response.

The kit was developed in consultation with leading humanitarian organisations and EMTs, and aligns with EMT Minimum Standards for Rehabilitation and ICRC weapon wounded physiotherapy sets.

### Who

The TRK contains assistive products and rehabilitation related consumables that can be provided by a rehabilitation professional or, in their absence, by other health professionals with minimal training.

It is typically deployed to major acute trauma facilities in the early or acute stages of an emergency, but can also be deployed to rehabilitation actors later in a response if patients did not receive rehabilitation or assistive produces in the acute phase.

It contains a range of paediatric and adult sizes.

Type and distribution of injuries vary wildly between emergencies, but TRK equipment ratios are based on the most common injury distributions seen. Typically, around 25% of all injuries tend to be major injuries, and around three quarters of these are complex limb injuries – the majority of which effect the lower limbs. These are commonly open injuries with associated soft tissue and peripheral nerve damage. Much smaller percentages of amputations, spinal cord injures and traumatic brain injuries are seen – each constituting just a few percent of the total number injured – but nevertheless having significant rehabilitation and assistive product needs.

Though the intended recipients of equipment are those with traumatic injuries, the equipment can also be used for other patients with acute conditions that require them.





#### When

The kit may be used as part of preparedness by stockpiling in facilities or geographical areas at high risk of major trauma emergencies, or for rapid deployment during emergency responses. In responses, this kit is intended to be distributed to surgical hospitals or EMTs who also receive WHO TESK sets. It can also be distributed to partners, hospitals or rehabilitation facilities as a standalone kit.

#### Not included in the kit

Items that require specialised training, such as spinal orthosis or burns rehabilitation supplies, are not included in the kit and should be ordered separately.

Heavy exercise equipment such as weights are not included, and can be locally manufactured if required (using for example plastic bottles filled with sand).

Note that all the assistive products listed in set 1 are available as bulk items in the WHO catalogue, as well as a larger range of other rehabilitation supplies and assistive products.

# Structure and Content of TESK Rehabilitation 2025

кіт	KMEDTR2500000A1	TESK REHABILITATION KIT (TRK 2025), complete
Set 1	KMEDTR2500010A1	(TRK 2025) SET 1, WHEELCHAIRS, CRUTCHES & OTHER MOBILITY PRODUCTS
Set 2	KMEDTR2500020A1	(TRK 2025) SET 2, RENEWABLE BANDAGES & EXERCISE BANDS
Set 3	KMEDTR2500030A1	(TRK 2025) SET 3, SPLINTS & ORTHOSES
Set 4	KMEDTR2500040A1	(TRK 2025) SET 4, MISCELLANEOUS EQUIPMENT
Set 5	KMEDTR2500050A1	(TRK 2025) SET 5, MATTRESS, pressure injury prevention

#### **Set 1**:

Includes the essential mobility assistive products, such as crutches, walking frames, wheeled toilet/shower chairs and wheelchairs (all terrain and basic hospital/transport chairs), in adult and paediatric sizes, for 50 trauma patients. A total of 69 items are included.

#### Set 2:

Includes consumable supplies that are not assistive products but are needed to support an acute trauma rehabilitation service. The set includes stump bandaging, tubular and compression bandaging, exercise bands, supplies for making basic bespoke splints with plaster of paris, which should only be undertaken by appropriately trained staff.

### **Set 3:**

Includes basic off the shelf wrist sprints and orthoses, in a range of sizes, predominantly for patients with peripheral nerve injury, but may also be used to maintain wrist or ankle positioning or provide protection in other patients. Require close monitoring, especially in patients with reduced sensation or consciousness.





#### **Set 4:**

Includes non-consumable equipment for patient assessment, including stethoscope, oximeter, and goniometer – for 1 professional (or shared between 2-3). Repeat orders are not required unless staff numbers increase or items are lost. This set also includes consumables for respiratory interventions - including incentive spirometers (single patient use) and suction tubing to make bubble PEP, that are not anticipated to be needed in significant quantities.

#### **Set 5**:

Includes static (foam) pressure reducing mattresses that can be used to support a surge in complex inpatient cases or provided to patients with long term injuries to use at home. The module contains 4 identical mattresses. It must be noted that even patients using pressure reducing mattresses still need to be managed under normal skin care/pressure relieving precautions.

## Kit Label

The label colour for the TESK Rehabilitation 2025 (TRK) is "RED", same as the TESK 2019. You find useful information on the label such as:

- Kit name: "TRK 2025"
- Module name: e.g. "(TRK 2025) SET 3, SPLINTS & ORTHOSES"
- Number of boxes per module: "Box 1/1", in the example below, indicates that the "(TRK 2025) SET 3, SPLINTS & ORTHOSES" contains only one box. If the label indicate box 2/8, it means that the box in hand is box #2 and the module is composed of 8 boxes.
- WHO code for the module (not the kit): KMEDTR2500030A1
- Expiration date of the first item to expire in the module: this (these) specific item(s) should be in the box#1. Box#1 always contains short shelf-life items.







### How to order the TRK 2025

- Each set is standalone and can be ordered individually. It is therefore possible to order several sets in different quantities.
- All items of set 1 and 5 can also be ordered individually in bespoke quantities and sizes
- Most Equipment in set 4 can be reused. Therefore, please consider ordering less equipment sets than consumables sets, especially for repetitive orders.

## Useful resources and WHO Guidelines

- WHO Clinical handbook for rapid provision of TRK Set 1
- WHO Emergency wheelchair user information leaflet
- WHO Walking aids user information leaflet
- Emergency Medical Teams: <u>Minimum Technical Standards and Recommendations for</u> Rehabilitation
- WHO Policy Brief: <u>Strengthening rehabilitation in health emergency preparedness,</u> readiness, response and resilience
- WHO Assistive product specifications and how to use them
- Clinical Handbook: <u>Early Rehabilitation in Conflict and Disasters</u>
- UNHCR: Facilitating access to assistive technology and rehabilitation
- WHO rehabilitation in emergencies page.

# Online Training

- WHO Training in Assistive Products
- Disaster Ready: Early Rehabilitation in Conflicts and Disasters

