WHO Mental Health kit (MHK) 2022

Scope of the NCD kit
The newly developed Mental Health kit 2022 (MHK 2022) is designed to treat selected mental health and neurological conditions, for outpatient care in primary health care settings and at hospital level following the WHO mhGAP Humanitarian Intervention Guide (2015), the mhGAP Intervention Guide 2.0 (2016) and WHO guidelines as described in the mhGAP Evidence Resource Centre.

Of note, in 2024, WHO will release the mhGAP Intervention Guide 3.0 which will contain updated recommendations.

Structure and content of the MHkit 2022

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<th>KMEDMH22----A1</th>
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<td>MODULE 2</td>
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**Module 1 – Medicines for PHC**
Contains essential medicines to manage selected mental health and neurological conditions in non-specialized care and needs to be handled by trained clinicians. It contains essential medicines (oral medication and injectables) to treat selected conditions such as depression, anxiety, epilepsy, schizophrenia, and bipolar disorder.

This kit does not include diazepam and naloxone, both medications can be ordered separately.

To use these medicines, it is recommended to be guided by either the mhGAP Humanitarian Intervention Guide or mhGAP Intervention Guide or a similar evidence-based resource suited for the local context.

All medicines in the kit are on the WHO Model EML 2023.

⚠️ Health workers not specialized in psychiatry or neurology require training and supervision by specialists to handle these medicines responsibly.

**Module 2 – Medicines for Hospital**
Contains 2 additional medicines (beyond the medicines covered in module 1 for PHC): clozapine 100mg and clozapine 25mg. Consult with a psychiatrist or available mental health specialists before the use of clozapine among those who have not responded to other antipsychotic medications at adequate doses and durations.
Only use clozapine under the supervision of a psychiatrist or available mental health specialists and only if routine laboratory monitoring of White Blood Cells count is available, due to the risk of life-threatening agranulocytosis

Kit Label
The label colour for the MHkit 2022 is “yellow”. You find useful information on the label such as:

- **Kit name:** “MH kit 2022”
- **Module name:** e.g. “MEDICINES”
- **Number of boxes per module:** “Box 1/3”, in the example below, indicates that the “Mental Health” kit 2022 contains three boxes, and that the label pertains to box 1. *This is not to be confused with the number of boxes for all modules in the entire kit.*
- **WHO code for the module (not the kit):** KMEDNCDK2MMH-A1
- **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 read the data logger
A data logger is added to the temperature sensitive modules (module 1 and 2).

**Temperature sensitive modules:**
- The temperature is set 15-25°C. The data logger has been configured by the supplier with alarms in case of temperature excursions outside of 15-25°C.
- The data logger is affixed to one of the pallets, clearly marked “data logger/temperature-controlled device”.
- The step by step process to read the data logger is the same as outlined above for the cold chain module.
Watch our cold chain video, for more information on how to read a datalogger: https://www.who.int/emergencies/emergency-health-kits

Pre-deployment planning and training
The WHO MH kit 2022 addresses supply chain disruptions and requires adequate health system capacity to dispense its content. Pre-deployment planning is key to make best use of available resources, anticipate logistical challenges, correctly assess health facility capacity and health workforce readiness.

The prescription of essential medications for mental, neurological, and substance conditions at non-specialized health care facilities, should be preceded by a capacity building program using evidence-based guidance such as WHO mhGAP Intervention Guide and WHO mhGAP Humanitarian Intervention Guide.

Training materials for the mhGAP Humanitarian Intervention Guide have been published under the title mhGAP_Humanitarian_Intervention_Guide_(mhGAP-HIG)_Training_of_Health-Care_Providers (2022).

Training materials for the mhGAP Intervention Guide 2.0 have been published under the title. mhGAP Training Manuals for the mhGAP Intervention Guide for Mental, Neurological and Substance Use Disorders in Non-specialized Health Settings (2017)

Email mhgap-info@who.int for questions.

How to order the MH kit 2022
Before ordering the MH kit 2022, it is highly recommended that countries request WHO mhGAP Humanitarian Intervention Guide training for medical staff, programme managers and pharmacists, including training on prevention, diagnosis and treatment of MH conditions. Work force capacity must be considered, when ordering different modules.

Each kit is assembled to treat 10'000 people for three months. Each module is a standalone unit that can be ordered individually. Countries can therefore request each module in different quantities based on their needs.

Useful resources and WHO Guidelines

- The mhGAP Intervention Guide 2.0 (2016)
- mhGAP Evidence Resource Centre
- WHO mhGAP Training Manuals for the mhGAP Intervention Guide for Mental, Neurological and Substance Use Disorders in Non-specialized Health Settings (2017)
- WHO Model EML 2023
- MHPSS Minimum Services Package webpage https://www.mhpssmsp.org/