

## CAPACITY BUILDING AND TRAINING

### Strengthening Emergency and Trauma Response in the Republic of Moldova Through the Use of Simulation and Training Courses to Build National Emergency Care and Response Capacity

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**Background/Introduction:** The Republic of Moldova needs a proactive approach in building their trauma and emergency care capacity given the neighboring conflict in Ukraine and inflow of refugees. The World Health Organization, in collaboration with local and international experts, has implemented a series of training programs to address the identified need for improved emergency and trauma care. These programs are critical for future EMT development.

**Objectives:** Objectives of the training programs include:

1. Strengthening emergency medicine and trauma expertise amongst interdisciplinary healthcare providers
2. Improving trauma care through the development and implementation of a novel trauma team program
3. Increasing capacity for mass casualty management

**Method/Description:** Emergency Care Systems Assessment and Hospital Emergency Unit Assessment Tool were used to identify gaps. Initial training focused on Basic Emergency Care, Advanced Trauma Life Support, and ultrasound courses led by WHO instructors in partnership with a local simulation center. A team of international experts, in partnership with local physicians, introduced trauma simulation sessions in the emergency department for multi-specialty teams to enhance their team communication and resuscitation skills. A training video was produced to improve dissemination of trauma care knowledge and instruction of an evidence-based pre-hospital hand-over tool. Finally, a table-top mass casualty simulation exercise was completed led by Emergo Train System instructors.

**Results/Outcomes:** The Institutul de Medicină Urgentă launched the country's first trauma team program on July 1, 2024 and neighboring regions will be replicating this approach.

**Conclusion:** A multi-faceted training approach allows for proactive strengthening of emergency and trauma care to improve local response capacity.

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### The Papua New Guinea Emergency Medical Team (PNG EMT): Strengthening Standardized Emergency Care While Responding

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**Background/Introduction:** Papua New Guinea (PNG) faces significant challenges from recurring disasters and health emergencies. There are critical gaps in frontline staff knowledge, skills, and equipment for basic emergency care (BEC). The PNG EMT has delivered basic training to HCWs in provinces. Many deployed teams provided training to local HCWs.

**Objectives:** PNG EMT strengthening Emergency Care Systems by;

1. delivering accredited contextualized training during deployments, and
2. maintaining standardized contextualized resources as an aid for international EMTs in PNG.

**Method/Description:** PNG EMT currently has trainers in IITT, BEC and Oxygen delivery training (OSCAR-O2). There are locally contextualized, standardized resources available for use on deployment to train local health workers. Experiences training local health workers is an essential part of a pre-deployment orientation.

**Results/Outcomes:** Since PNG EMT inception, a total of 7 trainings have been completed during deployments to provinces. Currently, 177 healthcare received training in oxygen delivery.

For BEC in 2024, PNG has 3 master trainers and 30 trainers nationally. TOT done in April 2023 with 5 EMT team members.



For IITT in 2024, PNG has 2 trainers for each of the 22 provinces. TOT done in Dec 2024. PNG EMT has 3 experienced trainers.

**Conclusion:** Strengthening the EMT's role as a delivery mechanism for "just-in-time" training further enhances national efforts in developing robust ECS. Contextualized standard teaching aids are essential for deployed teams.

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### A Paradigm Shift in Raising the EMT Awareness: From One Size Fits All to a Tailored Approach in the Delivery of the EMT Awareness Workshop by the Regional European EMT Capabilities Hub (REECH)

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