

Introduction

Disaster preparedness and training refer to measures taken to prepare for and reduce the effects of disasters. That is, to predict and, where possible, prevent disasters, mitigate their impact on vulnerable populations, and respond to and effectively cope with their consequences.

However, due to the ongoing COVID-19 pandemic which enraged the whole world, disaster training cannot be done as previously (pre covid). A new disaster training module was developed to ensure that disaster preparedness and training can be safely carried out during COVID-19 pandemic. The indoor disaster training is cost effective and can be carried out by using recycle items and with optimal participant per group risk of covid transmission also could be reduce

Case description

A day course involving emergency postgraduate students was conducted in the School Emergency Medicine USM. The primary objective of the in-house disaster training module was to educate and prepare for disaster during COVID-19 pandemic.

Disaster Crisis Management

Managed by the National Disaster Management and Relief Committee under NSC's Directive No. 20.



Incident site management

- Zoning and cordon
- Evacuation to reservoir area
- Triage
- On site management of clinical syndrome
- Forensic activity
- Transport

Hospital action plan

- Activation phase at the event of disaster
- Search and rescue at the scene
- In hospital crisis management
- Debrief and post mortem



- M** Major Incident declared?
- E** Exact Location
- T** Type of incident
- H** Hazards present or suspected
- A** Access - routes that are safe to use
- N** Number, type, severity of casualties
- E** Emergency services present and those required



RPM-30-2-Can Do

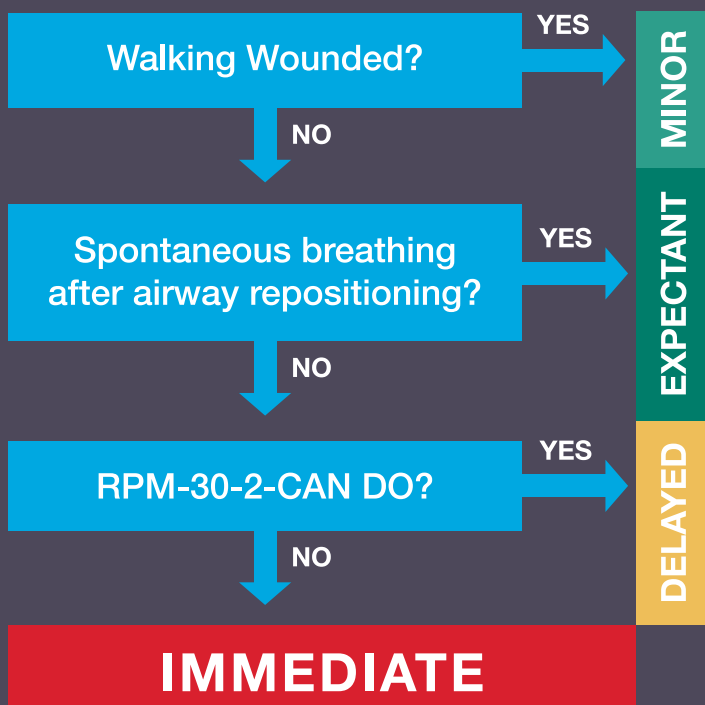
R	Respiration	RR < 30
P	Perfusion	Cap refill < 2s
M	Mental status	Can do commands
Patients with any of the RPM features beyond the limits belong in the "red" category		

First unit at scene to do 5S

- Safety assessment
- Scene size up
- Send information
- Setup scene management
- Start field triage



START Triage Algorithm



Summary

1. The disaster training course using recycled items is cost-effective.
2. The indoor disaster training can be done in any situation.
3. Future development using video could also be done for remote training.



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References

Advanced disaster life support
Prehospital trauma life support