



Emergency Care Learning Lab

A portable training kit designed to support basic emergency care for adults and children including WHO's Basic Emergency Care Program and Community First Aid Program.

Expected availability Q3 2024



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Portable and Affordable

training components are nested to optimize space

Designed for use in low-resource settings

Contains essential tools for emergency care training, stored in a lightweight backpack for easy transportation to remote locations.



Kit Components

A. Airway



Adult airway	Opening airway + Head-Tilt/Chin-Lift & Jaw thrust
Adult airway	Airway Suctioning
Adult airway	Basic Airway Device Insertion OPA and NPA
Child airway	Opening airway + Head-Tilt/Chin-Lift & Jaw thrust
Child airway	Airway Suctioning
Child airway	Basic Airway Device Insertion OPA and NPA
Management of choking (adult, large child and small child)	
Recovery Position	
Spinal Immobilization (Cervical spine immobilization)	

Use training model

Use fellow student

B. Breathing

Adult breathing skills	Bag-valve-mask ventilation
Adult breathing skills	Giving supplemental oxygen
Adult breathing skills	Bag-valve-mask ventilation
Child breathing skills	Bag-valve-mask ventilation
Child breathing skills	Giving supplemental oxygen
Child breathing skills	Bag-valve-mask ventilation
Emergency needle decompression	
Management of open pneumothorax (sucking chest wound)	
How to make a spacer from a plastic bottle	
ABCDE assessment	Breathing assessment + circulation exam



Wound Care

General wound management
Burn management
Snake bite - Bandaging and immobilization



C. Circulation

Ext. bleeding control	Direct pressure
Ext. bleeding control	Deep wound packing
Ext. bleeding control	Tourniquet technique
Insertion of IV cannula	Adult
Insertion of IV cannula	Paediatric
IV fluid adjustment for special considerations	
IV fluid administration for shock	
Uterine massage for postpartum hemorrhage	
Positioning of the pregnant patient	



Immobilization & phys. examination

Fracture immobilization
Open fracture immobilization
Neurologic assessment (AvPv)
Neurologic assessment (Glasgow coma scale)
Secondary survey (Head-to-toe) Trauma assessment

