Injury Simulation Kit for First Aid Training



The **injury simulation kit** is designed to create realistic scenarios during first aid, emergency care, and victim management training. It combines reusable injuries, a bleeding simulation system, and various makeup products to visually replicate several types of trauma.

In particular, it allows learners to practice **bandaging, immobilization, and victim care** techniques under conditions that more closely resemble real-life situations.

Injury Simulation Kit for Realistic Exercises

The inclusion of pre-formed injuries and makeup products allows the instructor to create various training scenarios without having to create each wound entirely from casting materials.

The kit can be used, in particular, for:

- learning how to bandage a wound;
- managing an open fracture;
- training in immobilizing an injured limb;
- recognizing different types of injuries;
- simulating bleeding;
- creating real-life scenarios for first aid training;
- exercises for first aiders and first responders.

An open tibia fracture with simulated bleeding

The kit includes a **simulated open tibia fracture** equipped with a reservoir and a pump.

This system allows simulated blood to be added to the scenario to replicate an injury involving bleeding and to train participants to recognize the situation and perform the procedures covered in their training.

12 adhesive wounds to vary the scenarios

In addition to the tibia fracture, the kit includes **12 simulations featuring lacerations and can be applied with adhesive**.

These injuries can be reused to create different real-world scenarios and to vary the location or appearance of the injury from one exercise to the next.

Simulated blood and makeup effects

The kit contains several products designed to reproduce the visual effects associated with injuries:

- 1 bottle of coagulating makeup blood;
- 1 packet of powder for preparing simulated blood;
- 1 packet of methylcellulose to thicken the simulated blood;
- 1 container of wound simulation wax;
- 4 colors of makeup: white, blue, brown, and red;
- 1 spray bottle for creating various scenario effects.

The instructor can thus adjust the color, appearance, and visible bleeding of the injury to make the scenario more believable.

Simulation of a wound with glass shards

A **bag of broken Plexiglas** is also provided to visually replicate an injury involving glass-like fragments.

These items are intended for educational simulation and enhance trauma scenarios without the use of actual broken glass.

Contents of the kit

	1
	12
	1 bottle
	1 packet
	1
	1 packet
	4
	1
	1
	3
	3

Methylcellulose to thicken the simulated blood	1 packet

For training first aiders and first responders

This kit is designed for trainers who wish to incorporate **realistic simulated injuries into their practical exercises**. It is particularly suitable for training first aiders, healthcare personnel, first responders, and teams responsible for caring for victims in emergency situations.

The reusable components allow for multiple training sessions and enable scenarios to be adapted based on the skills being practiced.

Technical Specifications

Injury Simulation Kit	
Type	Injury Simulation Training Kit
Applications	First aid training, emergency care, and victim management
Primary Injury	Open tibia fracture with reservoir and pump
Adhesive wounds	12 lacerations and associated open fractures
Simulated blood system	Coagulating blood, preparation powder, reservoir, pump, and thickener
Makeup supplies	Simulation wax and 4 colors of makeup
Reusable components	Yes, depending on the type of component
Weight	2.270 kg

FAQ – Injury Simulation Kit

Can the injuries be reused?

The simulated injuries are designed to be reused during multiple training sessions. However, consumable items such as simulated blood, makeup, or adhesive must be replaced when they run out.

Can we practice managing an open fracture?

Yes. A simulated open tibia fracture with a reservoir and pump is specifically designed to create this type of scenario and train learners in the associated management procedures.

Does the kit include makeup supplies?

Yes. It includes simulation wax, four colors of makeup, artificial blood, a thickener, body adhesive, and various application accessories.

What types of training is this kit intended for?

It is designed for training in first aid, emergency care, and victim management. The manufacturer specifically

mentions emergency medical services, nurses, first responders, and disaster management training.