# Injury Simulation Kit for Forensic Training



The**injury simulation kit** is an educational tool designed to visually replicate many types of injuries encountered during training in **forensic medicine, injury analysis, and crime scene reconstruction**.

The various simulated wounds allow learners to observe the characteristics of injuries caused by firearms, bladed weapons, blunt force trauma, bites, fractures, and burns, among others. The kit also includes materials to enhance the simulations with effects such as bruising, lividity, and bleeding. **Please note: a tube of glue is missing from the unit shown.**

## Injury Simulation Kit for Realistic Training

The variety of injuries allows for the creation of educational scenarios ranging from the visual identification of a wound to the analysis of more complex traumatic mechanisms.

The kit is specifically designed for training in:

- injury analysis and identification;
- forensic science;
- crime scene reconstruction;
- analysis of trauma mechanisms;
- law enforcement training;
- specialized forensic medicine educational programs.

## A wide variety of simulated injuries

The content covers different categories of trauma to enable varied and progressive exercises.

### Skin injuries and marks

- petechiae;
- bruises;
- patterned ligature marks;
- incision.

### Firearm-related injuries

- close-range shotgun wound;
- shotgun wound;
- simulated injury at intermediate range;
- projectile at intermediate range;
- intermediate-range projectile fragment;
- exit wound from a firearm;
- wound from point-blank gunshot;
- contact gunshot wound from a handgun;
- contact wound;
- small exit wound;
- large exit wound.

### Penetrating, cutting, and bite wounds

- wound caused by a screwdriver;
- partial bite;
- complete bite;
- hesitation wound;
- wound caused by a single-edged knife;
- wound caused by a double-edged knife;
- ice pick wound.

### Injuries, Fractures, and Burns

- blunt trauma caused by a bat;
- simulated “rabbit ears” injury;
- open fracture of the humerus;
- protruding foreign body;
- large laceration;
- moderate laceration;
- large open fracture;
- second-degree burn.

## Makeup supplies to complement the scenarios

The kit is not limited to pre-formed injuries. It also includes products for creating or accentuating certain visual effects needed for the exercises.

- molding wax for injuries;
- coagulating artificial blood;
- makeup supplies for creating effects such as bruises, discoloration, and bleeding;
- broken Plexiglas to simulate glass shards

These items allow the instructor to adapt the appearance of the scenario and to focus on observing various signs of trauma. **A tube of glue, which is normally included in the set, is missing from the sample provided.**

## Technical Specifications

| Injury Simulation Kit | |
|---|---|
| **Type** | Educational kit for simulating injuries and trauma |
| **Main Applications** | Forensic training, injury analysis, crime scene reconstruction |
| **Types of Injuries Represented** | Gunshot wounds, stab wounds, blunt force trauma, bite wounds, fractures, lacerations, and burns |
| **Makeup Supplies** | Molding wax, coagulating blood, and products designed to simulate bruising, lividity, and bleeding; broken Plexiglas for<br><br>simulating glass shards |
| **Case dimensions** | 53.3 × 33 × 38.1 cm |
| **Shipping weight** | 6.35 kg |
| **Item missing from this set** | **1 tube of glue** |

## For which professionals and training programs?

This kit is specifically designed for organizations that wish to focus on the **recognition and visual analysis of injuries** rather than solely on performing first aid procedures.

In particular, it can be incorporated into forensic science training, educational programs focused on injury analysis, and reconstruction exercises for investigative and security professionals.

## FAQ – Injury Simulation Kit

### What is an injury simulation kit used for?

It allows you to create training scenarios with visually realistic injuries to help learners recognize and analyze different types of injuries. This model is specifically designed for forensic training and crime scene reconstruction.

### Is this kit intended solely for first aid training?

No. It is primarily designed for the study of injuries, forensic science, crime scene reconstruction, and trauma analysis. It is therefore distinct from equipment designed solely for teaching first aid techniques.

### Is makeup included?

Yes. The kit includes, among other items, molding wax, coagulating artificial blood, and materials for recreating various visual effects associated with trauma. **However, a tube of glue is missing from the unit shown.**

### Is the kit suitable for experienced instructors?

Yes. It can be used for both introductory training and continuing education for professionals already familiar with

the assessment of injuries and trauma.