

IV arm and hand simulator for venipuncture training



The **IV arm and hand simulator** is an educational device designed for learning and perfecting **venipuncture**, **infusion** and **intravenous injection** techniques. Intended for training centers, healthcare establishments and specialized organizations, it enables intensive training in conditions close to the real thing.

Thanks to its realistic design with **simulated skin and palpable veins**, this model offers an immersive experience enabling learners to develop essential technical skills prior to any patient intervention.

What is a venipuncture simulator?

A **venipuncture simulator** is a training device used to reproduce the clinical conditions of peripheral venous access. Unlike a simple anatomical model, it incorporates a **liquid circulation system that simulates blood**, enabling us to reproduce venous return (flashback) when a needle is inserted.

This type of equipment is essential for medical and paramedical training, as it enables repeated, safe training without risk to patients.

Differences from other medical training solutions

Advanced IV simulators, like this arm + hand model, differ from other training tools:

Manikins full-featured: more versatile, but often less precise in the technical gesture of puncturing.

Simple injection blocks: suitable for beginners, but unable to reproduce realistic blood circulation.

IV arm simulator: offers an excellent compromise between realism, gesture precision and repeatability. It enables targeted training in perfusion and blood collection techniques.

IV arm simulator technical specifications

- **Type:** forearm and hand simulator for IV perfusion
- **Color:** light skin
- **Veins:** palpable with flexible tubing
- **System:** simulated liquid circulation (blood return)
- **Power supply:** gravity-fed reservoir bags

- **Use:** medical and paramedical training

Pedagogical benefits

This **perfusion and venipuncture simulator** enables safe, progressive learning of technical gestures:

- Development of **venous palpation**
- Mastery of needle insertion and positioning
- Realistic simulation of **blood return**
- Training for **blood sampling** and injections
- Improve learners' precision and confidence

The realistic feel of needle insertion enables users to acquire the right technical reflexes in a controlled environment.

Simulated blood circulation system

The simulator incorporates a **reservoir bag** system to circulate liquid through the venous network. This system faithfully reproduces real perfusion conditions, in particular the phenomenon of blood return during puncture.

Gravity feed makes installation easy and guarantees continuous operation without complex equipment.

Designed for intensive use in training

The robust design of this **training IV arm** enables repeated use in educational environments. It is particularly suited to :

- medical training centers
- IFSI and paramedical schools
- hospital departments
- emergency response training organizations

Its durability guarantees an excellent return on investment for training structures.

Kit contents

- IV arm with realistic hand
- Reservoir bags with tubing
- Simulated blood powder
- Transport tray

Logistic data

- **Shipping weight:** 1.6 kg
- **Dimensions:** 50.8 x 22.9 x 17.8 cm

A professional training solution from MMF

MMF offers a complete range of **medical and technical training** equipment to meet the needs of professionals. This **IV arm simulator** is part of a global offering designed to improve training quality, practice safety and learner skills.

The aim is to provide medical professionals with reliable, long-lasting tools adapted to today's training constraints.