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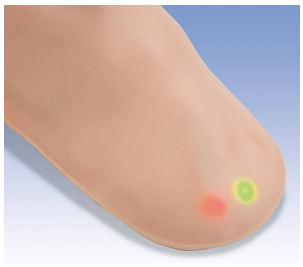
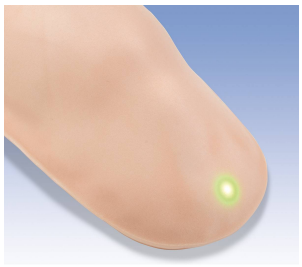
I.M. Injection Simulator

Item No.	1008941 [W30502/1]
Weight	0.45kg
MPN:	M118-1

Read More

SKU:

Categories: Intramuscular (I.m.) and Intradermal

Product Description

The student can use this injection simulator to practice both intramuscular and subcutaneous injections in the upper arm. The simulator can be attached easily using the stick-on tape. The student can find the injection site by feeling for the acromion. LED lights will show whether the injection has been inserted in the correct place to the right depth. The warning signal will sound if the injection is carried out incorrectly. Water only should be used for injecting. The delivery contents include the liquid pouch and the stick-on tape.
Why Choose the 3B Scientific I.M. Injection Simulator for Your Simulation Lab in India?

The I.M. Injection Simulator (Item No. 1008941 [W30502/1], MPN: M118-1) by 3B Scientific is a compact, lightweight upper arm intramuscular and subcutaneous injection training simulator weighing just 0.45 kg. Designed for the deltoid site — the most commonly used IM injection site in routine clinical practice — the simulator attaches directly to a trainee's own upper arm using the included stick-on tape, allowing injection practice on a body-worn, correctly positioned training surface rather than on a disconnected tabletop model. For nursing colleges, allied health training institutes, hospital in-service education teams, and NMC-mandated clinical skills labs across India that need an affordable, portable, and electronically enhanced upper arm IM injection trainer, the I.M. Injection Simulator offers immediate LED and auditory feedback at a minimal footprint.

Correct deltoid IM injection requires the trainee to first locate the injection site by palpating the acromion process — the bony landmark at the top of the shoulder — and then measuring down to identify the safe injection zone. The simulator reinforces this step: the trainee must feel for the acromion on the worn simulator and use it to identify the correct injection area before proceeding. Once the injection is administered, integrated LED lights confirm whether the injection has been placed at the correct site and to the correct depth simultaneously — giving the trainee immediate, unambiguous visual feedback on both site selection and needle depth in a single attempt. If the injection is performed incorrectly, a warning signal sounds, making incorrect technique immediately apparent without requiring an instructor to be present at the moment of injection. Only water should be used for injection practice. Included in delivery: liquid pouch and stick-on tape.

For institutions that require gluteal IM injection training, the Buttock Injection Simulator (1000514 [P57]) and the Buttockmate I.M. Injection Simulator (1005395 [W30504]) are available. For upper leg vastus lateralis training, the Intramuscular Injection Simulator – Upper Leg (1000511) is available. To equip a complete IM injection training station covering all four anatomical sites in a single procurement, the Complete Intramuscular Injection Training Kit (8000883 [3011909]) bundles all four 3B Scientific IM simulators together. All are supplied by SEM Trainers.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of 3B Scientific products in India with over 30 years of experience supplying medical simulators to 1,500+ institutions across 28 states. We provide pan-India delivery, on-site installation, faculty orientation, and dedicated after-sales support.

Q: How does the simulator attach to the arm? A: The simulator attaches to the trainee's upper arm using the included stick-on tape, positioning it on the body for realistic deltoid injection practice.

Q: How does the trainee find the correct injection site? A: By palpating the acromion process on the simulator — the same landmark technique used in clinical practice — and measuring down from it to identify the correct deltoid injection zone.

Q: What feedback does the simulator provide? A: LED lights illuminate to confirm whether the injection site and depth are correct. A warning signal sounds if the injection is administered incorrectly.

Q: What fluid should be used for injection practice? A: Water only. The included liquid pouch is supplied for this purpose.

Q: What is included? A: The simulator, a liquid pouch, and stick-on tape for attachment.