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Buttockmate – I.M. Injection Simulator

Item No. 1005395 [W30504]

Weight 1.9kg

Dimensions 14 x 34.5 x 49.5 cm

MPN: M153

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SKU:

Categories: Intramuscular (I.m.) and Intradermal



Product Description

This easy to handle simulator of a human buttock can be fastened like a belt on the body of a student or a training doll. It allows practicing of intra-muscular injections and also the injection of fluid (water) is possible. If the injected part is incorrect, a buzzer, which works with a 9 volt battery and a red light, will

give a warning sound. The durable, soft and very realistic skin shows no needle marks even after many exercises.

Why Choose the Buttockmate I.M. Injection Simulator for Your Simulation Lab in India?

The Buttockmate I.M. Injection Simulator (Item No. 1005395 [W30504], MPN: M153) by 3B Scientific is a wearable intramuscular injection training simulator weighing 1.9 kg and measuring 14 × 34.5 × 49.5 cm. Designed as a realistic model of the human buttock with durable, soft, skin-toned surface material, the Buttockmate fastens around the body like a belt — allowing it to be worn by a trainee, a standardised patient actor, or secured onto a training manikin — so that injection practice takes place in a body-worn, anatomically positioned context rather than on a flat tabletop surface. For nursing colleges, allied health training institutes, hospital in-service education teams, and NMC-mandated clinical skills labs across India that require a gluteal IM injection trainer with immediate error feedback and realistic fluid injection capability, the Buttockmate addresses both requirements in a single lightweight trainer.

Gluteal IM injection carries a real risk of sciatic nerve injury and inadequate drug absorption if site selection is incorrect. The Buttockmate integrates electronic feedback — powered by a standard 9-volt battery — that activates a buzzer and a red warning light immediately if the injection is placed at an incorrect site, giving the trainee unambiguous real-time confirmation of an error before the practice session is over. When the injection is placed correctly, no alarm is triggered. This binary, immediate feedback loop reinforces correct site selection habit at the foundational stage of training. In addition to site feedback, the simulator supports actual fluid injection: water can be injected into the simulator, allowing trainees to practise the complete injection sequence including drawing up and administering fluid, not merely the needle insertion step alone. The skin surface is designed to show no needle marks even after repeated use, supporting a high volume of practice sessions without visible simulator degradation.

For institutions that also need electronic feedback for upper arm deltoid IM injection training, the Intramuscular Injection Simulator – Upper Arm (1009840) is available. For upper leg vastus lateralis training, the Intramuscular Injection Simulator – Upper Leg (1000511) is available. For a tabletop-only gluteal simulator without fluid injection capability, the Buttock Injection Simulator (1000514 [P57]) is an alternative. All models 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: Can actual fluid be injected into the Buttockmate? A: Yes. Water can be injected into the

simulator, allowing trainees to practise the complete injection sequence including fluid administration.

Q: How does the error feedback work? A: If the injection is placed at an incorrect site, a buzzer and red warning light activate immediately. The simulator runs on a standard 9-volt battery.

Q: Can the Buttockmate be worn on a person? A: Yes. It fastens around the body like a belt and can be worn by a trainee, a standardised patient actor, or secured to a training manikin.

Q: Does the skin surface show needle marks after repeated use? A: No. The skin material is designed to show no needle marks even after many injection exercises.