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Buttock Injection Simulator

Item No. 1000514 [P57]
Weight 2.306kg
Dimensions 30 x 30 x 12 cm
Brand 3B Scientific

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SKU:

Categories: Intramuscular (I.m.) and Intradermal



Product Description

This high-quality, strap-on intramuscular simulator is a lifelike model of a right buttock with all important anatomical landmarks for intramuscular (I.M.) injections: iliac crest, anterior superior iliac spine and greater trochanter. The integrated fine electronics provide extremely graphic feedback when training the intramuscular injection technique, correctly administered injections will produce audiovisual

feedback. Additional training and control modes are available for checking results either immediately or upon completion of a training session. This anatomically realistic injection simulator is supplied with a 21G/0.8 injection needle and a 5 ml syringe.

	Intramuscular Injection Simulator - Upper Arm	Intramuscular Injection Simulator - Upper Leg	Buttock Injection Simulator	Intramuscular injection simulator	Intramuscular Injection Model of Buttocks	Intramuscular Injection Simulator	Intradermal Injection Simulator
Item No.	1009840	1000511	1000514	1010008	1005394	1005586	1005628
Body part	upper arm	upper leg	buttock	muscle extract with skin	pelvis with buttocks	lower torso	forearm
Palpable anatomical landmarks	Yes	Yes	Yes	-	Yes	Yes	-
Injection type	intramuscular	intramuscular	intramuscular	intramuscular	intramuscular	intramuscular	intradermal
Injection sites	as indicated by a trainer	as indicated by a trainer	as indicated by a trainer	all the surface	as indicated by a trainer	as indicated by a trainer	eight
Proper injection	audiovisual feedback	audiovisual feedback	audiovisual feedback	-	green light will appear	-	skin welt will form
Additional information	training and test modes are available	training and test modes are available	training and test modes are available	will absorb fluid	special skin material does not show needle marks	simulated bony structure is embedded in the torso	liquid skin repair kit included (M-1013686)

Why Choose the 3B Scientific Buttock Injection Simulator for Your Simulation Lab in India?

The Buttock Injection Simulator (Item No. 1000514 [P57]) by 3B Scientific is a strap-on, electronically enhanced intramuscular injection training simulator weighing 2.306 kg and measuring 30 × 30 × 12 cm. Anatomically modelled on the right buttock, the simulator presents all three key surface landmarks used clinically to locate the correct injection site: the iliac crest, the anterior superior iliac spine, and the greater trochanter — all of which are palpable, enabling trainees to practise the landmark identification step that must precede every correctly administered gluteal IM injection. For nursing colleges, medical training institutes, hospital in-service education teams, and NMC-mandated clinical skills labs across India that require a dedicated buttock IM injection trainer with electronic feedback, this simulator addresses a training need that task trainers without feedback electronics cannot.

The distinction between a correctly placed IM injection and a misdirected one carries real clinical consequence — injury to the sciatic nerve, inadvertent subcutaneous placement, and patient pain are all consequences of incorrect technique. The Buttock Injection Simulator addresses this directly through integrated fine electronics that provide audiovisual feedback: a correctly administered injection triggers a confirmation signal immediately, allowing the trainee to understand in real time whether their

site selection, angle, and depth were accurate. Additional training and control modes are available, allowing the instructor to check trainee results either immediately after each attempt or upon completion of a training session — supporting both formative and summative assessment of injection technique. The simulator is supplied with a 21G/0.8 injection needle and a 5 ml syringe, so training can begin without sourcing additional consumables.

For institutions that also need to train gluteal IM injection technique in the context of a pelvic anatomy model, the Two-in-One IM Injection Model of Buttocks (1005394) is an alternative. For upper arm IM injection training, the Intramuscular Injection Simulator – Upper Arm (1009840) offers the same audiovisual feedback in a deltoid site configuration. For upper leg (vastus lateralis) training, the Intramuscular Injection Simulator – Upper Leg (1000511) is available. 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: What anatomical landmarks are palpable on this simulator? A: The iliac crest, anterior superior iliac spine, and greater trochanter — the three surface landmarks used to identify the correct IM injection site on the gluteal region.

Q: How does the simulator confirm a correct injection? A: Integrated electronics deliver audiovisual feedback when the injection is correctly administered. Training and test modes allow results to be reviewed immediately or at the end of a session.

Q: What is included in the supply? A: The simulator is supplied with a 21G/0.8 injection needle and a 5 ml syringe.

Q: Is this a wearable or tabletop simulator? A: The Buttock Injection Simulator is a strap-on design, allowing it to be worn by a standardised patient actor or placed on a training surface for tabletop use.