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Advanced Venipuncture and Injection Arm, White

Item No. LF01121U
Weight 7.691kg
Make: Nasco Healthcare, USA

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SKU:

Categories: Injections and Punctures



Product Description

This revolutionary training arm provides complete venous access for IV therapy and phlebotomy, plus sites for intramuscular and intradermal injections. An extensive 8-line vascular system allows students to practice venipuncture at all primary and secondary locations, including starting IVs and introducing Over the Needle IV Catheters. The venous system simplifies setup with only one external fluid bag supplying artificial blood to all veins simultaneously. The dorsal surface of the hand includes injectable metacarpal, digital, and be performed along the basilic, cephalic, accessory cephalic, and median antebrachial veins. Intramuscular injections may be performed in the deltoid muscle and intradermal injection sites are located in the upper arm. Intramuscular injections into the deltoid muscle are enhanced by the soft, lifelike skin and by the natural bony landmarks in the region. Intradermal injections using distilled water will create characteristic skin welts at designated sites on the upper arm. The realism of the Advanced Venipuncture and Injection Arm is truly amazing. The soft, flexible fingers are moulded separately with extreme attention paid to every detail – right down to the fingerprints! Flexion of the wrist helps students develop manipulation skills. The replaceable skin rolls as the veins are palpated, and a discernable “pop” is felt when entering the veins. The moulding process reproduces the fine details of the skin to make the arm look and feel alive. Valves in the veins can be seen and palpated on the skin surface. Simulated veins and skins are completely replaceable to keep this training arm looking and working like new. Under normal use, hundreds of injections may be performed before the veins or skins need to be replaced. Complete replacement kits are available and easy to use.

Why Choose the Life/form® Advanced Venipuncture and Injection Arm (White) for Your Clinical Skills Lab in India?

The Life/form® Advanced Venipuncture and Injection Arm — White (Item No. LF01121U) is a 7.691 kg full-arm multi-modality injection training simulator from Nasco Healthcare, USA — and the most comprehensively capable injection training arm in this catalogue. In a single unit, it trains three distinct injection competencies across the complete range of anatomical sites used in clinical practice: intravenous venipuncture and IV catheter insertion across an 8-vein system, intramuscular injection into the deltoid, and intradermal injection with visible skin welt formation. For nursing colleges, medical schools, phlebotomy programmes, emergency medicine training units, and clinical skills labs in India that need one arm trainer to cover the full injection curriculum, the LF01121U is the correct choice.

8-Line Venous System — IV Therapy and Phlebotomy

The 8-vein vascular system covers every primary and secondary venipuncture location used in clinical practice, including the dorsal metacarpal and digital veins of the hand and all major antecubital veins — basilic, cephalic, accessory cephalic, and median antebrachial. Standard needle venipuncture, IV

catheter insertion, and over-the-needle IV catheter introduction can all be practised at every site. The entire 8-vein system is supplied by a single external fluid bag — one connection, simultaneous blood flow to all veins, no multi-bag setup between trainees. Simulated blood flashback confirms correct placement at every site exactly as in live clinical practice. Valves within the veins can be felt and seen through the skin surface, replicating the valve resistance encountered in real venipuncture.

Intramuscular Injection — Deltoid

The deltoid muscle site is enhanced by soft, pliable skin and accurately reproduced bony landmarks in the shoulder region, giving trainees the correct anatomical reference points and insertion angle for deltoid IM injection — the most common IM site in adult clinical practice.

Intradermal Injection — Upper Arm

Dedicated intradermal injection sites on the upper arm produce characteristic skin welts when injected with distilled water, replicating the bleb formation that confirms correct intradermal technique. This is the only injection type in the curriculum where visible confirmation of correct depth is possible — the LF01121U delivers that confirmation reproducibly.

Tactile Realism

The soft, flexible fingers are moulded individually with fingerprint-level surface detail. Wrist flexion is possible, training the hand positioning and stabilisation technique required in real venipuncture. The replaceable skin rolls naturally as veins are palpated, and a discernible "pop" is felt on correct vein entry — the tactile confirmation that trainees must learn to recognise and that no diagram or video can teach. The moulding process reproduces fine skin surface detail across the entire arm to deliver a consistently lifelike appearance and feel.

Replaceable Skin and Veins

The skin and vein assemblies are fully replaceable to maintain training fidelity over hundreds of injection sessions. Replacement kits are available separately — contact SEM Trainers for consumables pricing and availability.

Includes: artificial blood, 3cc syringe, 12cc syringe, needle, two fluid bags, instruction manual, and carrying case. User manual available to download on this page.

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

Frequently Asked Questions

Q: How many injection modalities does this arm train? A: Three — intravenous venipuncture and IV catheter insertion (8-vein system), intramuscular injection (deltoid), and intradermal injection (upper arm with welt formation). No other arm trainer in this catalogue covers all three in one unit.

Q: How many venipuncture sites are available? A: Eight veins covering the dorsal hand (metacarpal and digital veins) and the full antecubital fossa and forearm (basilic, cephalic, accessory cephalic, and median antebrachial veins).

Q: Does the trainer support over-the-needle IV catheter insertion? A: Yes. Over-the-needle IV catheters can be introduced at all venipuncture sites.

Q: How is the fluid system set up? A: A single external fluid bag supplies all 8 veins simultaneously — one connection replaces the multi-bag setups of older venipuncture trainers, significantly reducing setup and changeover time between training sessions.

Q: Can the skin and veins be replaced when worn? A: Yes. The skin and vein assemblies are fully replaceable. Replacement kits are available separately — contact SEM Trainers for current pricing and availability.

Q: What is the tactile feedback like on vein entry? A: A discernible "pop" is felt when the needle correctly enters the vein, replicating the tactile confirmation experienced in live venipuncture. Valves within the veins can also be palpated through the skin surface.

Q: What is included in the box? A: Artificial blood, 3cc syringe, 12cc syringe, needle, two fluid bags, instruction manual, and carrying case.

Delivered with artificial blood, 3cc syringe, 12 cc syringe, needle, two fluid bags, instruction manual and carrying case.