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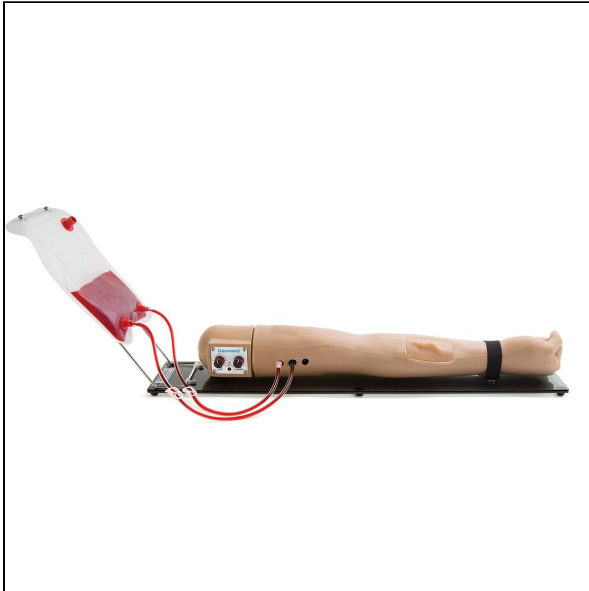
SMASH Advanced Patient Training Right Arm, Medium Skin

Item No. 1019645 [W45014]
Weight 4.675kg
MPN: S402.100RM

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SKU:

Categories: Injections and Punctures



Product Description

SMASH Advanced Patient Training arm was first introduced in 1986. The latest improvement to this “world class” standard offers realism in a sleek design. A micropump mounted within the simulator’s shoulder delivers automatically generated arterial pulses at the radial and brachial sites and controls arterial blood flow by allowing variable heart rate and pulse strength. Interchangeable arterial and venous inserts within the forearm allow creation of arteriovenous (AV) fistulas and placement of AV grafts, while a simulated healed fistula insert provides a platform on which hemodialysis exercises can be performed. An additional multi-layer insert in the bicep area can be used for incision and suture training exercises. Features ·Subcutaneous injection sites on the volar forearm and lateral upper arm ·Intramuscular injection site on the upper arm ·Arterial system including the radial and brachial arteries ·Suture and incision sites on both the upper arm and forearm ·Hemodialysis site on the forearm ·Arterial and Venous insert for IV and blood draw exercises, AV anastomosis, and placement of AV grafts. This multi-layer surgical insert includes the skin, subcutaneous tissue, muscle, radial artery, and

radial vein ·AV fistula insert that simulates a healed fistula for hemodialysis exercises. ·Multi-layer bicep insert that includes the skin, subcutaneous tissue, and muscle and allows incision and suturing exercises ·Durable skin that can be pierced in excess of 200 times with a 20 or 22 gauge needle ·Realistic tactile feedback for both surgical and arterial & venous stick exercises ·Adjustable heart rate and pulse strength simulating a heart rate from 10 BPM to 150BPM ·Cephalic (antecubital), Basilic, Radial, and Ulnar veins as well as the radial and brachial arteries for infusion and blood draw. ·Rotating arm allowing dorsal and volar access along the length of the arm. ·Varying vessel palpability to simulate collapsed or bulging vessels ·Ease of assembly ·Latex-Free ·New proprietary materials replicate of skin, subcutaneous, and muscle layers at all surgical sites. ·Upgraded inserts, skins, and vessels for improved tactile feedback ·Micropump embedded within the shoulder generates variable heart rates and pulse strength. Quiet and compact, thereby improving portability of the unit. ·Easy to replace plug-and-play inserts to allow quick change-out between procedures ·Latex-free vessels with improved access for hassle-free replacement **SMASH Advanced Patient Training Right Arm, Medium Skin — Comprehensive Vascular & Surgical Access Trainer**

The SMASH Advanced Patient Training Right Arm, Medium Skin (Item No. 1019645 [W45014], 4.675 kg, MPN: S402.100RM) by 3B Scientific is a comprehensive vascular access and minor surgical skills trainer, first introduced in 1986 and continuously refined since. A micropump mounted within the simulator's shoulder automatically generates arterial pulses at the radial and brachial sites, with adjustable heart rate (10–150 BPM) and pulse strength for realistic, variable-scenario training.

Built for the full range of vascular access and minor surgical technique. Interchangeable arterial and venous inserts in the forearm allow creation of arteriovenous (AV) fistulas and placement of AV grafts, while a simulated healed fistula insert supports hemodialysis practice. A separate multi-layer bicep insert — skin, subcutaneous tissue, and muscle — is dedicated to incision and suturing exercises, keeping surgical training separate from vascular access sites.

Technique coverage: subcutaneous injection (volar forearm and lateral upper arm), intramuscular injection (upper arm), arterial access (radial and brachial arteries), suture and incision technique (upper arm and forearm), hemodialysis site (forearm), and IV/blood draw access via the cephalic, basilic, radial, and ulnar veins. The rotating arm design allows both dorsal and volar access along its full length.

Durability and realism for high-volume training: the skin withstands over 200 punctures with a 20 or 22 gauge needle before needing replacement. Vessels have varying palpability to simulate collapsed or bulging veins, and the entire unit is latex-free. Plug-and-play inserts allow quick change-out between different training procedures without reassembling the whole arm.

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

Frequently Asked Questions

Q: Can this simulate an abnormal or collapsed pulse for diagnostic training? A: Yes — heart rate and pulse strength are adjustable (10–150 BPM), and vessels have varying palpability to simulate collapsed or bulging veins.

Q: How durable is the skin under repeated student use? A: It withstands more than 200 punctures with a 20 or 22 gauge needle before replacement is needed.

Q: Can I train hemodialysis access on this arm? A: Yes — a simulated healed fistula insert is included specifically for hemodialysis exercises, separate from the standard AV fistula creation insert.

Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.

	Phlebotomy	IM site	Subcutaneous injection	Intravenous bolus injection	Sterile technique	Infusion technique	Suture, incision and hemodialysis site	Pressure squeeze bulb and clenched fist simulation	Simulation of collapsed veins	Replacement skin and veins
Venatech IV Trainer Item No: 1017966	-	-	-	-	-	-	-	-	-	Skin 1021707
Injection Training Hand Item No: 1017962	-	-	-	-	-	-	-	-	-	on request
Portable I.V. Hand Trainer Item No: 1017958	-	-	-	-	-	-	-	-	-	on request
Portable I.V. Arm Trainer Item No: 1017960	-	-	-	-	-	-	-	-	-	on request

I.V. Training Hand Item No: 1005754	-	-	-	-	-	-	-	-	-	on request
I.V. Injection Hand Item No: 1017963	-	-	-	-	-	-	-	-	-	Skin 1005667 Veins 1005665
I.V. Arm & Hand Trainer Item No: 1013746	-	-	-	-	-	-	-	-	-	on request
3B Scientific® I.V. Injection Arm Item No: 1021418	-	-	-	✓	✓	✓	-	-	-	Skin 1021426 Veins 1021427
Intravenous Training Arm Item No: 1018755	-	-	-	✓	-	✓	-	✓	✓	on request
Injection Arm Item No: 1005809	-	in deltoid area	✓	✓	-	✓	-	✓	-	Skin 1013384 Veins 1013385
Geriatric IV Arm Item No: 1005777	✓	-	-	-	✓	✓	-	-	-	Skin 1020949 Veins 1021257
SMASH Advance Patient Training Item No: 1019645	✓	✓	✓	✓	-	✓	✓	-	✓	Skin 1012333 Veins 1020609