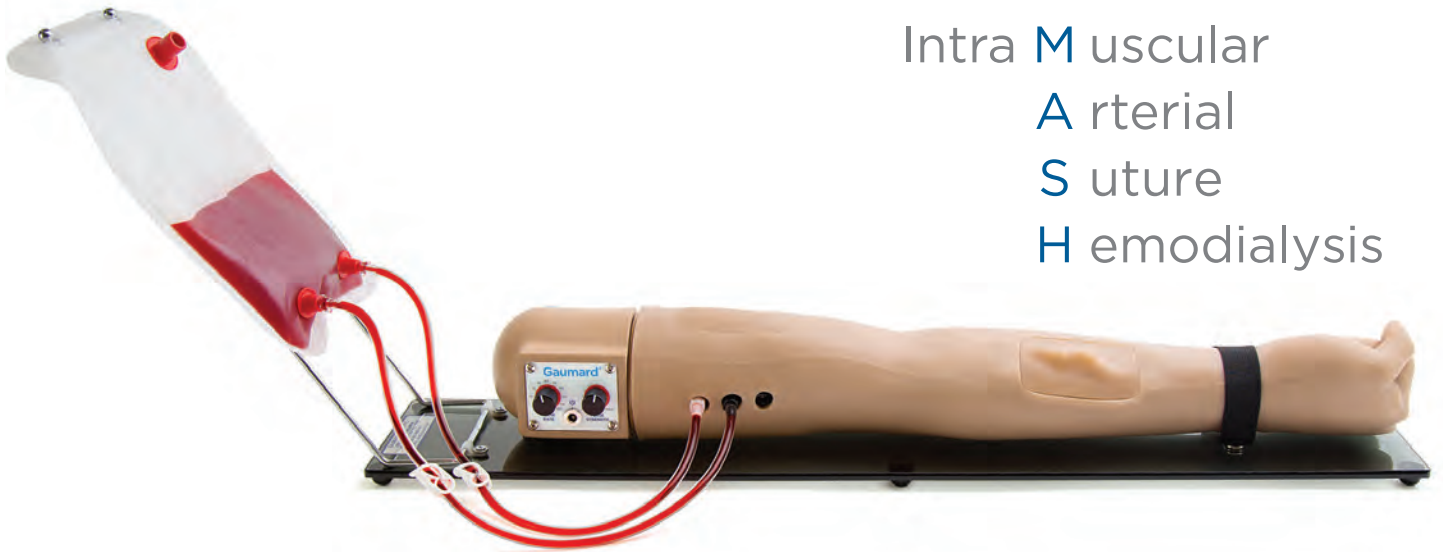


S.M.A.S.H. S402.100

Advanced Patient Training Arm

- Variable pulse rate and strength
- Brachial and radial arteries
- Multi-layer surgical inserts
- Venous and arterial exercises
- Hemodialysis exercises

S ubcutaneous Intra M uscular A rterial S uture H emodialysis



S.M.A.S.H. Advanced Venous and Arterial Training Arm

Gaumard's S.M.A.S.H. Advanced Patient Training Arm 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 enable participants to create an arteriovenous (AV) fistula and place an AV graft. Moreover, 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

- Arterial and venous insert for IV and blood draw exercises, AV anastomosis, and AV graft placement. 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. Allows incision and suturing exercises
- Realistic tactile feedback for both surgical and arterial and venous stick exercises
- Adjustable heart rate and pulse strength simulating a heart rate from 10 to 150 BPM
- 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
- Available as a standalone skills trainer or as an upgrade for select full-body patient simulators
- Optional add-on for S200, S201, S205, S206, S220 & S221



Subcutaneous injection sites



Intramuscular injection site



Hemodialysis exercises



Micropump-controlled arterial system providing variable heart rate and pulse strength

S.M.A.S.H. Advanced Patient Training Arm Upgrade

The S.M.A.S.H. Advanced Patient Training Arm is available as an optional add-on to a selection of Gaumard® adult simulators, including SUSIE®, Simon®, and Chloe™, thereby providing the advantage of a full-body trainer for the following patient simulators: S200, S201, S205, S206, S220, and S221.



- Replicates the skin, subcutaneous, and muscle layers at all surgical sites
- Upgraded inserts, skins, and vessels for improved tactile feedback
- Quiet and compact micropump embedded within the shoulder generates variable heart rates and pulse strength, improving the portability of the unit
- Easy to replace plug-and-play inserts allow quick change-out between procedures
- Latex-free vessels with improved access for hassle-free replacement



Arterial and venous blood sampling



Arterial and venous blood sampling



Arterial system providing palpable radial pulse



IV exercises on dorsum of hand

S.M.A.S.H. Advanced Patient Training Arm

S402.100R.PK ● ● ●

Consumables

Arterial & Venous Insert

S402.100.911 ● ● ●

Fistula Insert

S402.100.912 ● ● ●

Incision & Suture Insert

S402.100.913 ● ● ●

Arm Skin

13080446A ●

13080445A ●

13080447A ●

Vein Filling Kit

S402.100.985

Artificial Blood Concentrate

S402.100.812

Dispensing Blood Bag

S402.100.811

Replacement Veins

S402.100.810

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