





HAL® \$1060

Critical Care Procedural Trainer







Meet HAL[®] S1060: The All-in-One Solution for Emergency and Critical Care Procedural Skills Training

Introducing the HAL® S1060, a multi-disciplinary trainer for emergency and critical care procedural skills. The HAL S1060 enables comprehensive training in central venous catheter insertion (landmark and ultrasound-guided), needle decompression, thoracostomy, paracentesis, radial arterial line placement, and IV access—all in one user-friendly and powerful solution. HAL S1060 delivers unmatched procedure fidelity, helping trainees develop skills directly transferable to real-world scenarios.



Comprehensive and Realistic Ultrasound-Guided Central Line Training

Practice landmark and ultrasound-guided central venous catheterization at the right internal jugular vein, subclavian vein (supraclavicular and infraclavicular), and bilateral femoral vein.

- Multi-use CVC sites feature realistic simulated tissue, veins, arteries, and a palpable pulse. Automatic recirculating venous and arterial blood flow. Veins are compressible and artery pulsations are visible during imaging.
- Internal, auto-filling blood reservoir for easy setup and cleaning.
- Durable central venous inserts allow for multiple sticks while providing realistic tactile feedback.
- CVC sites offer true-to-life imaging using standard ultrasound machines and probes.

Procedure highlights

- Central venous catheter placement
- Needle decompression
- Chest tube insertion (thoracostomy)
- Paracentesis
- Arterial line placement
- Peripheral IV access





• CVC sites facilitate comprehensive training in central venous catheterization, covering needle insertion with realistic flashback, guidewire advancement, dilation, suturing to secure the CVC in place, and fluid infusion.



Computer-Controlled Physiology and Scenario Controls

Built-in digital control interface with adjustable heart rate, blood pressure, venous flow rate, and pulse strength, enabling more realistic physiological responses. Includes built-in vital signs presets and a facilitator's case guide.

Accelerate Competence and Confidence in Emergency Interventional Procedures

- Tension pneumothorax site enables needle decompression, producing an audible hiss.
- Left hemopneumothorax site facilitates comprehensive training in landmark palpation, incision, chest tube insertion, bleeding control, and suturing. The left arm can be abducted and flexed, with the hand positioned behind the head to optimize tube placement.
- Multi-use paracentesis site allows for practicing both landmark-based and ultrasound-guided techniques, including needle insertion, catheter placement, and fluid aspiration and drainage. The site insert features skin, fascia, muscle, the peritoneal cavity, the small and large intestines, the bladder, the abdominal aorta with bifurcation, and the inferior vena cava with bifurcation.











Facilitate skills mastery in arterial line placement and peripheral IV access

- Radial arterial line insertion by palpation on the right arm supports catheterization, flashback, sampling, and invasive blood pressure (IBP) monitoring using real equipment. Adjust pulse strength, HR, and BP via integrated controller to simulate a multitude of clinical cases.
- Cephalic, basilic, radial, ulnar, and dorsal hand veins enable training in intravenous catheter insertion, venipuncture, and continuous infusion techniques.

Streamline your training with the included scenario-based guidebook

Includes a facilitator's guidebook for scenario-based procedural learning events, streamlining curriculum development and promoting realistic, hands-on practice.



Features

Anatomically Accurate Design

• Adult part-body trainer with lifelike skin inserts and precise anatomical landmarks.

Central Venous Catheterization (CVC) Capabilities

- Supports both landmark and ultrasound-guided access at the right internal jugular, subclavian (supraclavicular and infraclavicular), and bilateral femoral veins.
- Multi-use CVC sites include realistic tissue, veins, arteries, and palpable pulses.
- Enables procedures such as needle insertion, guidewire advancement, dilation, catheter placement, and fluid infusion.
- Realistic flashback and suturing the line in place.
- CVC sites support standard ultrasound machines and probes.

Digital Control Interface

- Adjustable heart rate, blood pressure, and pulse strength.
- Built-in vital signs case presets.
- Features internal automatic recirculating venous and arterial blood flow and an auto-filling blood reservoir.
- Internal, auto-filling blood reservoir for easy setup and cleaning.





Emergency Procedure Modules

- Tension pneumothorax site with needle decompression, producing an audible hiss.
- Left hemopneumothorax site for landmark palpation, incision, chest tube insertion, bleeding control, and suturing; left arm positioning adjustable (abduction, flexion, hand behind head).

Additional Procedural Modules

- Paracentesis site supports both landmark-based and ultrasound-guided needle insertion, catheter placement, and fluid aspiration/drainage.
- Right radial arterial line site for palpation-guided catheterization, flashback observation, sampling, and invasive blood pressure monitoring.
- Arm IV access site for intravenous catheter insertion, venipuncture, and continuous infusion.

Facilitator Resources

• Includes a guidebook for scenariobased procedural learning events.

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HAL® S1060 trainer, left femoral inserts (1 installed, 1 replacement), right femoral inserts (1 installed, 1 replacement), subclavian insert (1 installed, 1 replacement), hemothorax insert (1 installed, 1 replacement), IBP insert (1 installed, 2 replacements), IV insert (1 installed, 1 replacement), tension pneumothorax insert (1 installed, 2 replacements), abdominal insert (1 installed), paracentesis insert, accessories box, HAL® S1060 SLE™ Facilitator's Guide, user guide, one-year limited warranty



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