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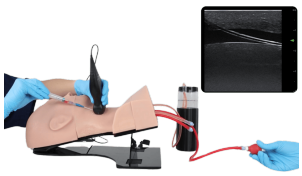
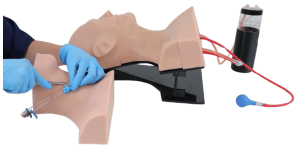
TruCVC®

Item No.	TCVC100
Weight	Approx. 5kg.
Make:	TruCorp, UK

Read More

SKU:

Categories: Ultrasound Phantom



Product Description

The TruCVC® is an adult upper torso trainer for teaching best practices in central venous catheter insertion using ultrasound guidance. This simulator features correct and realistic vascular anatomy. TruCVC provides unmatched realism for developing central line skills in needle insertion, wire manipulation, and catheter placement under live ultrasound guidance.

Ultrasound-Ready | Clinically Accurate | Continual Training

TruCVC® ideal for ultrasound-guided central venous catheterisation training, enabling consistent

practice of needle insertion, guidewire handling, and full catheter placement using the Seldinger technique – supported by realistic anatomy, visual flashback, and rapid reset for repeatable learning outcomes.

TruCVC® delivers clinically relevant upper torso and neck anatomy to support accurate landmarking and scanning, including:

- Right Clavicle
- Manubrium
- First Right Rib
- Sternocleidomastoid Muscle

Core vascular structures include:

- Internal Jugular Vein
- Subclavian Vein
- Carotid Artery
- Subclavian Artery

Designed for full skill development under live ultrasound guidance: needle insertion, wire manipulation, dilation and full catheter placement. Learners can visualise vessel tenting on access and use fluid injection/withdrawal to confirm needle tip placement. Head positioning is pre-configured at **10° leftward rotation** to expose the right neck and ensure anatomical landmarks are accessible for ergonomic right-sided cannulation practice. The adjustable base enables **15° Trendelenburg positioning** to support clinically aligned approach and learner technique standardisation. Learners can utilise fluid injection/withdrawal to confirm needle tip placement, with arterial pulse simulation available via hand pump activation to reinforce vessel differentiation and decision-making. Built with TruUltra® self-regenerating material to support **1,000+ needle punctures** and **40+ full catheter insertions per insert** (20+ per vein site), enabling dependable throughput and long-life utilisation. Set-up time is under 5 minutes with no mess. A simple fluid mechanism supports rapid blood refill, helping maintain continuous classroom flow. The system is compatible across ultrasound machines and engineered to keep learner flow moving in busy teaching environments.

TruCVC® — Ultrasound-Guided Central Venous Catheter Insertion Trainer

The TruCVC® (Item No. TCVC100, approx. 5 kg) by TruCorp, UK is an adult upper torso trainer purpose-built for teaching central venous catheter (CVC) insertion under live ultrasound guidance — combining clinically accurate vascular anatomy with the full procedural workflow, from needle insertion through wire manipulation to catheter placement.

Full Seldinger technique training, not just needle insertion. TruCVC supports consistent practice of the complete CVC placement sequence: ultrasound-guided needle access, guidewire handling, dilation, and full catheter placement. Learners can visualize vessel tenting on access and use fluid injection/withdrawal to confirm correct needle tip placement — the same confirmation technique used in real clinical practice.

Clinically accurate landmarking anatomy includes the right clavicle, manubrium, first right rib, and sternocleidomastoid muscle, alongside core vascular structures: internal jugular vein, subclavian vein, carotid artery, and subclavian artery — giving trainees the full anatomical picture needed for accurate scanning and landmark-based technique.

Positioned for realistic, standardized practice. Head positioning is pre-set at 10° leftward rotation to expose the right neck for ergonomic right-sided cannulation practice, and the adjustable base supports 15° Trendelenburg positioning to match clinically standard approach technique — helping ensure every learner practices under the same conditions.

Built for high-volume classroom use. TruUltra® self-regenerating material supports over 1,000 needle punctures and 40+ full catheter insertions per insert (20+ per vein site), so the trainer holds up to repeated cohorts without frequent part replacement. Set-up takes under 5 minutes with no mess, and a simple fluid mechanism supports rapid blood refill between students — keeping classroom flow moving during busy teaching sessions. Arterial pulse simulation via hand pump activation reinforces vessel differentiation, an important decision-making skill during real CVC placement.

Compatible across ultrasound machines, so institutions can use their existing imaging equipment rather than needing a dedicated proprietary scanner.

Package Contents: 1 TruCVC model, 1 suture pad, 1 fluid container with stand, 1 carrier case (adult bag), 1 × 250ml bottle of artificial blood concentrate (CVB250), 1 luer lock syringe (50/60ml).

Specifications: TruCVC weight approx. 5kg; full shipment weight approx. 7kg. TruCVC dimensions 23 × 40 × 12 cm; full shipment dimensions 47 × 27 × 34 cm.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorised distributor of TruCorp 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: Does this work with our existing ultrasound machine? A: Yes — TruCVC is engineered to be compatible across ultrasound machines, so no dedicated proprietary scanner is needed.

Q: How many insertions can the trainer handle before needing new parts? A: Each insert supports 1,000+ needle punctures and 40+ full catheter insertions (20+ per vein site), thanks to the TruUltra® self-regenerating material.

Q: How long does setup take between training sessions? A: Under 5 minutes, with a simple fluid mechanism for rapid blood refill — designed to keep classroom flow moving with minimal downtime between students.

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

Package Contents

- x1 TruCVC model
- x1 TruCVC suture pad
- x1 TruCVC fluid container with a stand
- x1 TruCVC carrier case (adult bag)
- x1 250ml bottle of artificial blood concentrate (CVB250)
- x1 luer lock syringe -50/60ml

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