



## SEM TRAINERS & SYSTEMS

WHERE TIME MOVES AHEAD TO KEEP PACE WITH KNOWLEDGE

SEM- Scientific Educative Methods in Science, Engineering & Medicine

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## TruCVC®

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

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**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.

#### 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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- TruCVC weight: approx. 5kg
  - Full shipment weight: approx. 7kg
  - TruCVC dimensions: 23x40x12cms
  - Full shipment dimensions: 47x27x34cms