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## TruBaby X

**Item No.** TB10001X  
**Weight** Approx. 10kg  
**Make:** TruCorp, Ireland

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**SKU:**

**Categories:**ALS Newborn



## Product Description

Our pediatric clinical skills training model is ideal for anesthetists, nurses & other pediatric emergency medical professionals practicing Directly Observed Practical Skills (DOPS), Pediatric Advanced Life Support (PALS) and critical emergency medicine including infant airway management and more.

TruBaby® X is incredibly lifelike with the appearance, weight, size and movement of a 5-month-old infant. This manikin is available in both light and dark skin tones.

#### Model Features

- Realistic & durable [AirSim® airway](#) with a [2-year warranty](#)
- Realistic movement including head tilt, chin lift & jaw thrust
- Interchangeable limbs in case of repairs
- Realistic rib structures including xiphoid process & clavicle
- Palpable landmarks in the 2nd intercostal space midclavicular line & 5th intercostal space mid-axillary line
- Palpable vertebrae landmarks
- Contains tibial tuberosity anatomy & patella anatomy
- Realistic anatomy to practice inserting catheter tube to extract urine – interchangeable male and female genitalia
- Fully enclosed fluid management system giving realistic blood flashback & flow to simulate lifelike response.
- Realistic look & feel of tissues
- Set-up time is less than 5 minutes

#### Medical Procedure Training

- Airway management
- CPR
- Peripheral venous cannulation (arm, hand, foot) – **New and Improved TruBaby X Arms and Legs**
- Lumbar puncture – L3-L4 & L4-L5 spine locations
- Needle thoracentesis for tension pneumothorax (2nd & 5th intercostal space)
- Chest drain (air only)
- Intraosseous (IO) infusion (tibia)
- Urethral catheterization

## Realistic pediatric skills model for lifelike training

### Durable Pediatric Simulator

The TruBaby® X pediatric simulation manikin is a versatile and true-to-life clinical skills trainer built to withstand repeated use in a busy classroom setting. This pediatric medical manikin can be

used alongside our [TruMonitor® patient monitor simulator](#) to integrate clinical decision-making with medical technique training. Contact TruCorp® online to request a free product demonstration at your organization and pricing details.

## WHY CHOOSE THE TRUBABY X MODEL?

- It's realistic! Weight, size and movement of a 50th percentile 5-month-old baby
- A complete solution for pediatric clinical skills training, ideal for practicing DOP'S, PALS and critical procedures in emergency pediatric medicine.
- The model has been designed as fully interchangeable, all the parts are cost-effective and can be replaced quickly when required.
- Initial set-up time is less than 5 mins.
- Internal fluid flow for realistic blood flashback during IV cannulations.
- Features the [AirSim® airway](#) which provides realistic and durable training and comes with a 2-year warranty.
- Delivered in a durable carry case for easy transportation and safe storage.

## PEDIATRIC AIRWAY MANAGEMENT

TruBaby X features the durable and realistic TruCorp AirSim® airway and facilitates infant airway management training including:

- Endotracheal tube insertion with chest rise
- [Double nasotracheal intubation](#)
- [BVM \(bag-valve-mask\)](#) ventilation techniques
- Supraglottic device insertion (full range)
- [Direct & video laryngoscopy](#)
- Realistic movement including head tilt, chin lift and jaw thrust
- Modular design so all parts are fully interchangeable

We offer a full line of adult, child and infant airway mannequins.

## INFANT CPR TRAINING

CPR techniques differ depending on the age of the recipient. The TruBaby X System allows realistic [infant CPR training](#) to improve practitioner confidence and patient safety featuring:

- Realistic rib structure with xiphoid process and sternum
- Full recommended depth of 1.5 inches can be achieved with full chest recoil
- Chest structure has lifelike recoil during compressions, accurate representation of rise and fall during ventilation
- Realistic look and feel of tissues representing skin, fat and muscle

Though infants are far smaller than adults, performing high-quality chest compressions during CPR is equally important. CPR training has been shown to increase bystander intervention rates by more than 30%, improving overall survival rates by approximately 2-3 times when performed early ([heart.org – AHA Guidelines](#)). TruBaby X's lifelike responsiveness to compressions and

ventilation allows for realistic practice to improve patient outcomes. Like all our [simulation manikins](#), this model is built to withstand repeated use in a busy training environment.

## **PEDIATRIC PERIPHERAL VENOUS CANNULATION – NEW & IMPROVED**

Peripheral IV (intravenous) catheters can be inserted into peripheral veins to administer treatments, transfusions or IV fluids. TruBaby X facilitates [peripheral venous cannulation practice](#) in the arm, hand, or foot. **Peripheral venous cannulation (Hand and Arm)**

- Contains the dorsal venous arch, cephalic and basilic veins allowing needle cannulation at various locations.
- Activation of the normal venous blood flow mode allows fluids to be withdrawn and administered providing realistic blood flashback.
- The pediatric IV arm trainer facilitates up to 300+ needle penetrations using a size 24g needle.

### **Peripheral venous cannulation (Foot)**

- Contains the Dorsal venous arch, great and lesser saphenous veins allowing needle cannulation at various locations.
- Activation of the normal venous blood flow mode allows fluids to be withdrawn and administered providing realistic blood flashback.
- The foot facilitates up to 250+ needle penetrations using a size 24g needle.

**The newly developed TruBaby X Arms and Legs create more realistic approach to IV cannulation.**

## **INFANT LUMBAR PUNCTURE**

Lumbar puncture acquires a sample of cerebrospinal fluid (CSF) for testing to confirm or exclude diagnosis of infection (bacterial, viral or fungal).

TruBaby X facilitates [lumbar puncture training](#) with:

- Ability to maneuver the baby into the required lateral decubitus position or sit upright
- Palpable vertebrae landmarks including the iliac crest
- Insertion sites include L3-L4 and L4-L5 spine locations
- Accurate needle placement allows for positive response and collection of simulated cerebrospinal fluid (CSF)
- Fluid is isolated and can be quickly refilled for a unique training experience
- Insert can last for 100+ needle penetrations using a 22g needle and is fully interchangeable

## **NEEDLE THORACENTESIS FOR A TENSION PNEUMOTHORAX**

[Tension pneumothorax](#) results when alveoli (air sacs in lungs) rupture and leak air into the pleural space (between lung and chest wall).

**TruBaby allows training in needle thoracentesis at the 2nd & 5th intercostal spaces and features:**

- Realistic rib structures including xiphoid process and clavicle
- Palpable landmarks in the 2nd intercostal space midclavicular line and the 5th intercostal space midaxillary line
- Easily interchangeable inserts
- Each needle decompression insert facilitates 150+ needle penetrations using an 18g needle

### **CHEST DRAIN (AIR ONLY)**

- Palpable landmarks in the 5th intercostal space mid auxiliary line.
- Facilitates either the Seldinger [chest drain insertion](#) technique or the needle thoracentesis approach for the treatment of a pneumothorax.
- Each chest drain insert facilitates single use via the Seldinger approach with a size 8F chest tube.
- Alternatively, each chest drain insert can facilitate 150+ needle penetrations using an 18G Needle.

### **IO TIBIA**

[Intraosseous infusion \(IO\)](#) is making an injection directly into the bone marrow to create a non-collapsible point of entry for the systemic venous system. In this way fluids and/or medication can be delivered even when intravenous access is not possible. Blood samples can also be collected this way. The proximal tibia is the preferred site for intraosseous infusion in infants. TruBaby X allows training in IO tibia featuring:

- Features the tibial tuberosity and patella anatomy which facilitates for the identification of the proximal tibia intraosseous needle insertion site.
- Realistic resistance when penetrating the medullary cavity.
- Each IO insert is delivered with pre-filled fluid and facilitates single use with an 18G IO needle.

We also offer a standalone [pediatric IO training](#) leg based on a 5-month-old infant.

### **INFANT URETHRAL CATHETERIZATION (MALE & FEMALE)**

A catheter may be used to obtain a sterile urine specimen to diagnose infection in the bladder or kidneys. Some infants may need a urinary catheter because of low urine output, so nursing and medical staff can determine how much fluid is needed. TruBaby X allows training in infant [urethral catheterization](#) featuring:

- Realistic infant anatomy to practice and learn the techniques of catheterization
- An 8F catheter can be inserted into the urethra and into the bladder.
- Upon successful entry, fluid will flow from the catheter.

- Option for interchangeable male and female genitalia

## **Infant crisis manikin for resuscitation training & more**

TruBaby X is ideal for training in a range of lifesaving techniques for infants. Our advanced infant crisis manikin facilitates training in CPR, airway management, needle decompression of pneumothorax, chest drain insertion, IV cannulation, IO tibia, urethral catheterization and more. This model is also a cost-effective [pediatric nursing manikin](#). Our TruMonitor® app can be used alongside the infant crisis manikin to integrate clinical decision-making into your training.

The TruBaby® X (Item No. TB10001X) by TruCorp®, Ireland is an anatomically accurate, full-procedure infant clinical skills manikin simulating a 50th percentile 5-month-old baby — 62 × 22 × 12 cm, 5.5 kg manikin weight — available in both light and dark skin tones. It is the most procedure-comprehensive infant simulator in its class, covering eight clinical skill categories on a single platform: airway management, CPR, peripheral venous cannulation (arm, hand, and foot), lumbar puncture, needle thoracentesis for tension pneumothorax, chest drain, intraosseous tibial infusion, and urethral catheterisation with interchangeable male and female genitalia. The fully enclosed fluid management system delivers realistic blood flashback and flow during IV cannulation, and the modular design makes all parts fully interchangeable for cost-effective maintenance. Set-up time is under 5 minutes. For NMC-mandated simulation labs, paediatric emergency medicine departments, PICU in-service training centres, and nursing institutes in India running DOPS, PALS, and paediatric critical care skills programmes, the TruBaby® X provides a single-manikin solution for virtually every infant procedural skill.

The TruCorp AirSim® airway is the technical centrepiece — it is the same airway system used across TruCorp's adult and paediatric manikin range, and it carries a 2-year warranty independent of the manikin itself. It supports endotracheal tube insertion with visible chest rise, double nasotracheal intubation, BVM ventilation, the full range of supraglottic devices, and direct and video laryngoscopy, with realistic head tilt, chin lift, and jaw thrust movement. The CPR module delivers realistic rib structure with xiphoid process and clavicle, full recommended compression depth of 1.5 inches with complete chest recoil, and lifelike tissue feel representing skin, fat, and muscle. The peripheral IV system supports 300+ needle penetrations in the arm (size 24G) across the dorsal venous arch, cephalic, and basilic veins, and 250+ penetrations in the foot across the dorsal venous arch and great and lesser saphenous veins, with realistic pressurised flashback in both. The lumbar puncture module accommodates L3-L4 and L4-L5 insertion sites with palpable vertebral landmarks, positive CSF response on correct placement, and 100+ penetrations per insert. The IO tibia insert presents palpable tibial tuberosity and patella anatomy with realistic cortical resistance and pre-filled fluid, and is rated for single use with an 18G IO needle. Each needle decompression insert supports 150+ penetrations at the 2nd and 5th intercostal spaces. The chest drain insert supports single use via the Seldinger approach with an 8F chest tube, or 150+ needle penetrations at 18G.

**Why Buy from SEM Trainers?** SEM Trainers & Systems is an authorized distributor of TruCorp® products in India with over 30 years of experience supplying medical simulators to 1,500+ institutions across 28 states. We provide pan-India delivery, on-site installation, faculty orientation, and dedicated after-sales support. All products carry genuine manufacturer warranty and meet ISO 9001 quality standards.

## Frequently Asked Questions

**Q: What skin tone options are available for the TruBaby® X?** A: The TruBaby® X is available in both light and dark skin tones. Please specify your preference when placing an enquiry.

**Q: What is included in the standard package?** A: The package includes left and right arms (TBARML01/TBARMR01), left and right legs (TBLEGL01/TBLEGR01), left and right needle decompression inserts (TBND04 x2 sets), left and right chest drain inserts (TBCD04 x2 sets), 3 left and 3 right IO inserts (TBIO20), one lumbar puncture insert (TBLUM04), female genitalia insert (TBUI01F), male genitalia insert (TBUI01M), carrier case, 100 ml TruCorp lubrication (TL001), 250 ml artificial blood concentrate (CVB250), and a syringe with yellow and white tubing for fluid management.

**Q: What is the warranty on the AirSim® airway?** A: The TruCorp AirSim® airway carries a 2-year warranty. For full support and warranty claims in India, contact SEM Trainers at [sem@semtrainers.com](mailto:sem@semtrainers.com) or +91-88495 63724.

## Package Contents

Product Code: TB10001X

- 1 left & 1 right TruBaby X Arm (TBARML01/TBARMR01)
- 1 left & 1 right TruBaby X Leg (TBLEGL01/TBLEGR01)
- 1 left & 1 right TruBaby X needle decompression inserts (TBND04)
- 1 left & 1 right TruBaby X chest drain inserts (TBCD04)
- 1 left & 1 right TruBaby X IO inserts (TBIO20)
- 1 TruBaby X lumbar puncture insert (TBLUM04)
- 1 TruBaby X female genitalia insert (TBUI01F)

### Additional package contents:

- 1 TruBaby X carrier case
- 100ml bottle of TruCorp lubrication (TL001)
- 250ml bottle of artificial blood concentrate (CVB250)
- 1 syringe with yellow and white tubing for fluid insertion/removal throughout model
- 1 left & 1 right TruBaby X needle decompression inserts (TBND04)
- 1 left & 1 right TruBaby X chest drain inserts (TBCD04)
- 3 left & 3 right IO inserts (TBIO20)
- 1 TruBaby X lumbar puncture insert (TBLUM04)
- 1 TruBaby X male genitalia insert (TBUI01M)
- Delivered in durable carry case for easy transportation & safe storage

Weight: approx. 5.5Kg (12.1 lb) (full shipment package weight approx. 10kg/22lb. Product dimensions: 62 x 22 x 12cm (24.4 x 8.7 x 4.7 in. Full shipment dimensions: 79 x 45 x 28cm (35.9 x 20.5 x 12.7 in.)