Cricothyroidotomy Simulator



The cricothyroidotomy simulator is designed to teach emergency airway access techniques. It allows users to practice **needle cricothyroidotomy** and **surgical cricothyroidotomy** in a safe, educational setting.

With its **precise anatomical landmarks**, hyperextended neck, and replaceable tracheal inserts, it helps learners correctly identify the procedure site and verify proper positioning using the simulated lungs.

This simulator is suitable for medical training centers, emergency departments, prehospital teams, health schools, and simulation programs focused on managing difficult airways.

Training Benefits

- **Realistic training** in cricothyroidotomy procedures.
- **Precise anatomical landmarks** for identifying the cricothyroid membrane.
- **Verification of the procedure** through simulated lung inflation.
- **Repeated use** with replaceable neck skins and tracheal inserts.
- **Training for adults and children** using the tracheal inserts provided.

Contents Included

- Cricothyroidotomy simulator with base
- 6 replaceable neck skins
- 6 adult tracheal inserts: 4 rigid and 2 flexible
- 6 pediatric tracheal inserts: 4 rigid and 2 flexible
- 2 simulated lungs
- Instruction manual
- Hard-sided case

Technical Specifications

	Cricothyroidotomy Simulator

Procedures Practiced	Needle cricothyroidotomy and surgical cricothyroidotomy
Anatomical Landmarks	Yes, for identifying the surgical site
Neck Position	Hyperextension
Included inserts	Adult and pediatric tracheal inserts
Neck skins	6 replaceable skins
Simulated lungs	2 simulated lungs
Carrying case	Hard case included
Shipping weight	19 lbs, or approximately 8.6 kg
Listed dimensions	27 x 8 x 15 inches

Uses

- emergency airway management training;
- training in needle cricothyroidotomy;
- training in surgical cricothyroidotomy;
- training in emergency medicine, anesthesia, or critical care;
- simulation of prehospital or trauma scenarios;
- teaching at a simulation center, health school, or medical training organization.

FAQ – Cricothyroidotomy Simulator

What procedures can be practiced with this simulator?

It allows users to practice identifying the procedure site, making the incision, establishing an airway, and verifying proper placement using the simulated lungs.

Does the simulator allow for practice with different patient profiles?

Yes. It comes with adult and pediatric tracheal inserts, allowing you to adapt the exercises to various educational scenarios.

Are the training components replaceable?

Yes. The neck skins and tracheal inserts are replaceable, allowing for repeated training sessions under optimal educational conditions.

Is the carrying case included?

Yes. The simulator comes with a hard-shell case to facilitate storage, protection, and transport of the equipment.