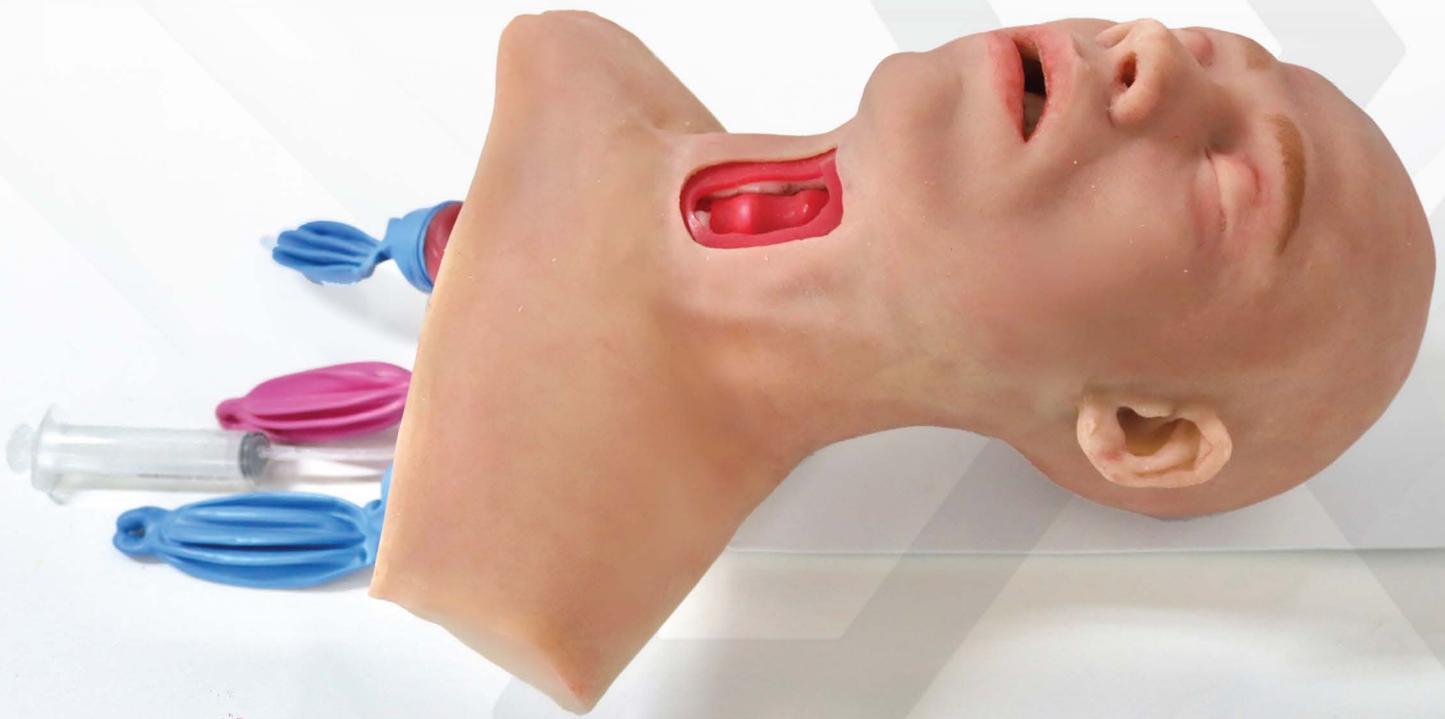


AIRWAY MANAGEMENT TRAINER



MEDICAL-X
ADVANCING SIMULATION

Airway Management Trainer

Realistic Intubation and Airway Skills Practice

The **MEDICAL-X Airway Management Trainer** is a high-fidelity adult upper torso and head model designed for comprehensive training in airway management techniques, including intubation, ventilation, and emergency cricothyrotomy.

With anatomically accurate landmarks and life-like silicone skin, this trainer offers a realistic, tactile learning experience for medical students, emergency responders, and healthcare professionals. It provides a safe, repeatable environment for mastering critical airway skills in clinical workshops, simulation labs, and educational programs.

Crafted from soft, durable silicone, the trainer delivers excellent visual and haptic feedback. It is easy to clean and disinfect, and its modular components are designed for long-term use and simple replacement.

By helping learners build confidence and competence in airway procedures, the **MEDICAL-X Airway Management Trainer** is an essential tool for effective simulation-based medical education.

The **MEDICAL-X Airway Management Trainer** enables hands-on practice of essential airway procedures, including:

- Airway positioning and maneuvers (head tilt, chin lift, jaw thrust)
- Insertion of oropharyngeal and nasopharyngeal airways (OPA/NPA)
- Placement of supraglottic devices (e.g., laryngeal mask airways)
- Orotracheal and nasotracheal intubation
- Bag-valve-mask (BVM) ventilation
- Emergency cricothyrotomy
- ...and more



• Dimensions: 50 x 33 x 24 cm

• Weight: 5.7 kg

• Skin tone:



Dark



Medium



Light



Bag-Valve-Mask Ventilation

The trainer enables users to practice proper bag-valve-mask (BVM) ventilation techniques, providing immediate visual feedback through observable lung inflation.





OPA/NPA Insertion

Learners can practice safe and correct insertion of both oropharyngeal and nasopharyngeal airways, developing key skills for airway patency management.



Supraglottic devices

The trainer supports the insertion of various supraglottic airway devices. Learners can observe lung inflation and evaluate the effectiveness of ventilation with each device.



I-Gel Insertion



Laryngeal Mask Insertion

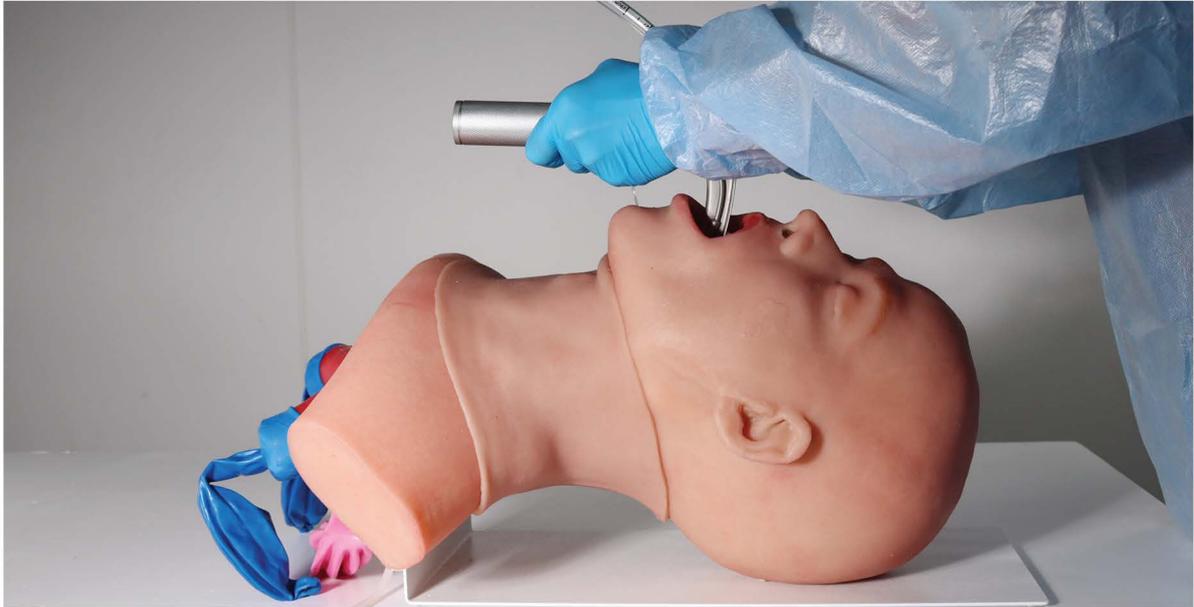


Ventilation with supraglottic devices



Endotracheal Intubation

The trainer enables both orotracheal and nasotracheal intubation practice. Accurate anatomical features allow realistic tube placement and manipulation.



Incorrect intubation, such as esophageal intubation, leads to stomach inflation.





Airway Complication – Swollen Tongue

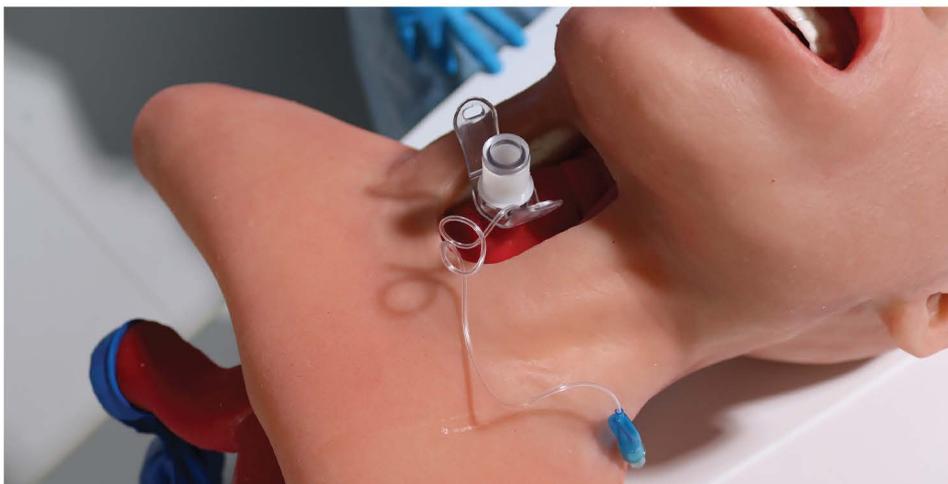
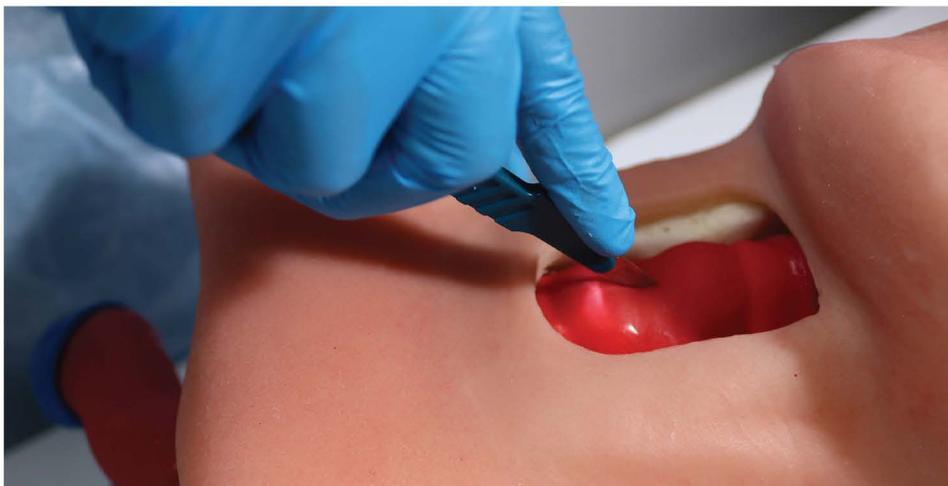
The inflatable tongue feature simulates airway obstruction due to tongue swelling, helping learners practice airway management in difficult scenarios.





Emergency Airway Management

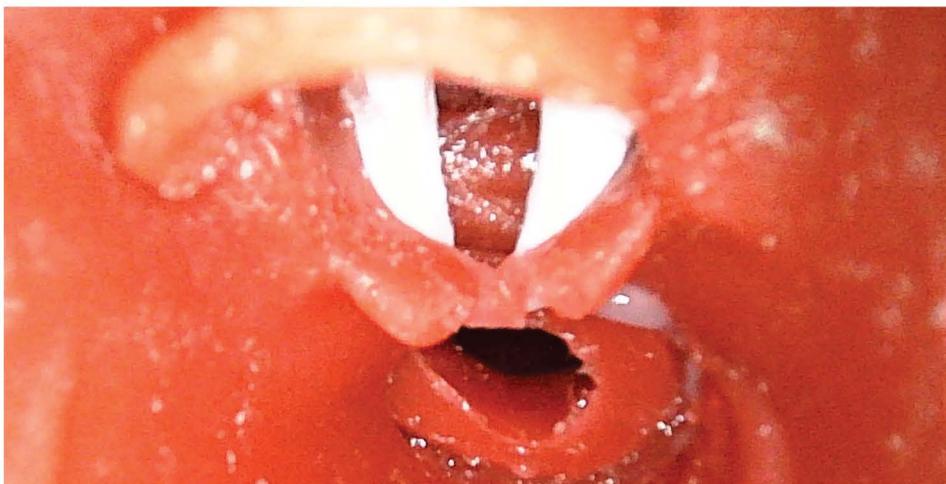
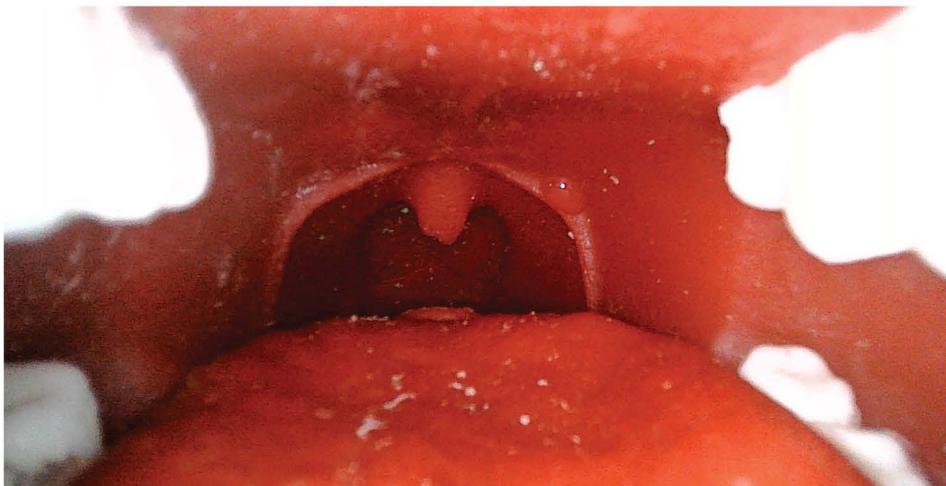
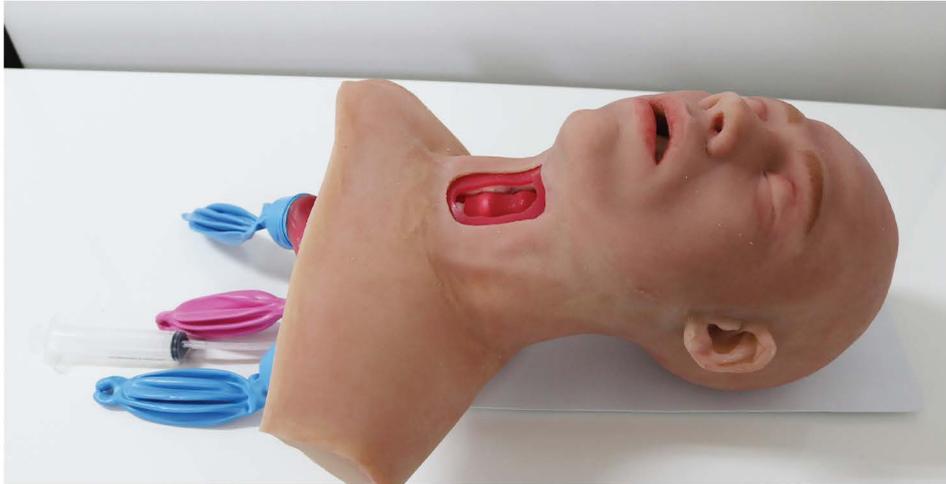
With a replaceable cricothyroid membrane and removable neck sleeve, the trainer supports both needle and surgical cricothyrotomy techniques for emergency airway access.





Realistic Airway Anatomy

The internal anatomy replicates the structures critical for airway training, including teeth, tongue, pharynx, larynx, epiglottis, vocal cords, trachea, lungs, esophagus, and stomach.



Specifications

Realistic representation of adult head and upper torso

Soft, life-like looking silicone skin

Dimensions: 50 x 33 x 24cm

Weight: 5.7kg

Easy to clean and disinfect

Airway maneuvers: head tilt, chin lift, and jaw thrust

Placement of multiple oxygen delivery systems: nasal cannula, face masks, etc.

Realistic anatomy: teeth, tongue, oral and nasal pharynx, larynx, epiglottis, vocal cords, trachea, lungs, esophagus, and stomach.

Sellick maneuver

Insertion of oropharyngeal and nasopharyngeal airways (OPA/NPA)

Insertion of supraglottic devices: Laryngeal Mask Airway, Laryngeal Tube Airway, Combitube™.

Orotracheal intubation

Nasotracheal intubation

Oral and nasal fiberoptic intubation

Needle cricothyrotomy

Surgical cricothyrotomy

Transtracheal jet ventilation

Retrograde intubation

Oro- and nasopharyngeal suction

Ventilation with a bag-valve-mask

Airway complication: swollen tongue

*Specifications may be subject to change during development.

Please contact MEDICAL-X for the latest specifications.

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Warranty

This product is covered by a 2-year warranty against manufacturing defects.

If a defect occurs within this period, MEDICAL-X will repair or replace the defective item at no additional cost. For warranty claims, proof of purchase and detailed documentation of the defect are required. Please contact our customer support team for assistance.

Disclaimer

The warranty does not cover damages resulting from misuse, improper handling, or unauthorized modifications. The warranty does not include normal wear and tear, including discoloration or material degradation due to repeated use. MEDICAL-X assumes no liability for improper usage or failure to follow the product's instructions.



MEDICAL-X
LEADING SIMULATION



About MEDICAL-X

MEDICAL-X is a Dutch company specialized in the design, development, manufacturing, marketing and distribution of simulation products for medical teaching and training.

Our mission is to provide healthcare professionals with simulation-based training solutions and cutting-edge technological simulators that are cost-effective and time-efficient to teach and train clinical skills without risk to actual human patients.

Design philosophy

Realism is the key to our design philosophy! Simulator training gives medical teams the experience, competence, and confidence they desire. Realism adds to the quality and efficacy of training.

Our products are developed through extensive feedback programs to produce an engaging experience for healthcare professionals. Form and function come together in a realistic and interactive simulator, ready to be used in training for all levels of care.



MEDICAL-X

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