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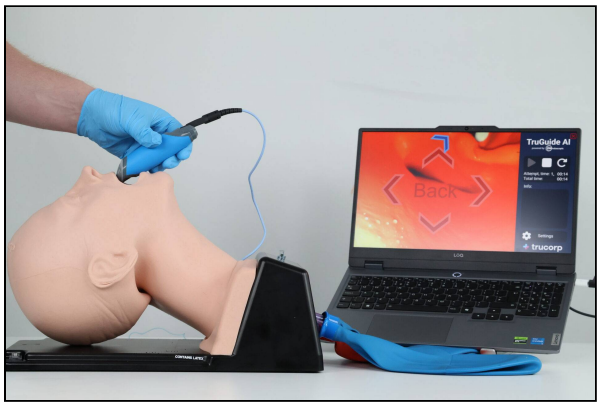


TruGuide

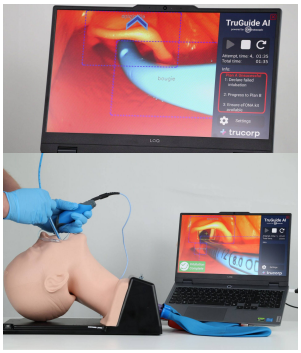
Item No.	TruGuide
Weight	
Make:	TruCorp, UK

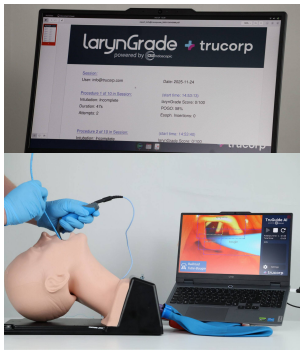
Read More

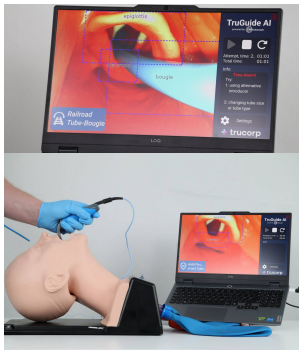
SKU:

Categories: Airway Management









Product Description

AI Guidance for Tracheal Intubation TruGuide is an AI-powered self-directed airway management training platform that connects to a standard video laryngoscope and TruCorp airway manikin. It provides real-time guidance, navigation, intuitive on-screen cues and objective performance metrics to support safe, consistent tracheal intubation training, while promoting independent learning and reducing the demand on instructor time.

Guided | Accurate | Confident

TruGuide brings AI-powered support to airway training, helping instructors manage larger groups while maintaining high teaching standards. Real-time cues and measurable feedback allow learners to practise independently between instructor-led sessions, improving confidence and skill development.

TruGuide uses Patent Pending AI software to analyse the live video laryngoscope view in real time. It currently is compatible with the Flexicare ‘ProVu’ video laryngoscope, the Karl Storz C-MAC and USB Imager products.

- Detects and highlights key airway anatomical landmarks – including Uvula, Tongue, Arytenoids, Vocal cords and Epiglottis
- Identifies the trachea
- Tracks tracheal tube and bougie movement during intubation
- Confirms when the tube tip is correctly inserted through the vocal cords
- Identifies if the video laryngoscope blade has entered to deeply into the glottic area

By providing automated visual analysis of the VL feed, TruGuide supports safe and repeatable airway training and helps reinforce the guidance instructors already teach.

TruGuide uses Patent Pending AI software to analyse the live video laryngoscope view in real time.

- Directional arrows to help optimise laryngoscope position and view
- Anatomy labels and bounding boxes to build familiarity with airway structures
- Contextual guidance such as “Tip in glottis” and “Back”
- Automatic warnings when the view suggests possible oesophageal intubation
- Prompts to check capnography and other safety steps

These intuitive messages help learners understand why a view is acceptable or unsafe and support consistent technique during both supervised and independent practice.

Every intubation attempt is recorded and analysed by TruGuide, allowing instructors and learners to:

- Evaluate the success rate for each session
- Confirmation of Intubation success or failure
- Duration
- Number of attempts

- LarynGrade Score
- POGO
- Oesophageal intubation insertions.
- Performance reporting
- Identify common errors and areas for focused remediation
- Export sessions for remote debrief or assessment

Combined with your local training standards and DAS-aligned guidance, TruGuide provides a measurable way to monitor progress towards competence in tracheal intubation.

While TruCorp manikins provide realistic haptics and anatomy, using Video Laryngoscopes often in an airway simulated environment can be less soiled compared to real clinical practice, TruGuide helps bridge this gap by introducing:

- Simulated lens fogging / misting (on-screen blurring). Encouraging users to simulate cleaning the lens to then remove the misting
- Soiled Airway
- Planned future options for mucus, vomitus and bleeding/trauma views using generative AI

Educators can deliberately increase visual difficulty, challenging learners to maintain safe technique and situational awareness even when the view is compromised. In addition, the AirSim range allows trainers to simulate enlarged tongue oedema to increase intubation difficulty, with the AirSim Difficult Airway model adding further challenge, such as a displaced larynx and more.

TruGuide is designed to help instructors manage airway training more efficiently, especially in high-throughput settings. It provides consistent guidance and feedback during practice, making it ideal for:

- High frequency, low dose training
- Skills labs, boot camps and OSCE preparation
- Running multiple practice stations with consistent support
- Standardised analysis and reporting to complement instructor feedback
- Video laryngoscopy training and optional DL assessment modes

By offering reliable guidance during practice, TruGuide helps instructors focus on higher-value teaching moments while learners build confidence and consistency.

TruGuide Premium Difficult

For institutions that do not yet have a compatible airway manikin or video laryngoscope. **Package Contents:**

- All items from TruGuide Plus
- 1 × AirSim Difficult Airway adult airway manikin

This bundle provides a complete difficult airway training station out of the box.
TruGuide Premium

For institutions that do not yet have a compatible airway manikin or video laryngoscope. **Package Contents:**

- All items from TruGuide Plus
- 1 × AirSim Advance X adult airway manikin (recommended TruCorp manikin)

This bundle provides a complete airway training station out of the box.
TruGuide Plus

For institutions that already have a compatible TruCorp manikin but require the AI platform and video laryngoscope. **Package Contents:**

- 1 × laptop with TruGuide AI software pre-installed
- Software licence and user account(s) as agreed
- 1 × compatible video laryngoscope (Exclusive arrangement with Flexicare ProVu*)
- Selection of single-use or reusable ProVu blades:
  - #3 Macintosh blade
  - #4 Macintosh blade
  - #4 hyper-angulated blade (Flexicare exclusive)
- Selection of Flexicare Intubation tools:
  - Rigid bougie
  - Flexible bougie
  - Stylet
  - Endotracheal tube
- 1 × USB-C connection cable / adapter
- 1 × cable extension
- 1 × international travel plug set

*Final VL model / blade list subject to confirmation.
TruGuide Core

For institutions that already own compatible manikins and video laryngoscopes. **Package Contents:**

- 1 × laptop with TruGuide AI software pre-installed
- Software licence and user account(s) as agreed
- 1x HDMI Capture Link to USB connector

The supplied laptop is configured specifically for TruGuide and the embedded AI processing.

Compatibility & Add-Ons

- Compatible with all TruCorp AirSim® adult airway manikins, including AirSim Advance X (recommended)
- Designed to work with selected Laerdal airway heads and manikins (compatibility list to follow)
- Compatible with Flexicare ProVu and Karl Storz video laryngoscopes (full, validated list to be confirmed)
- Optional add-ons: additional manikins, replacement blades, carry cases and accessories