

# Smart Airway Child



[CLICK HERE TO VIEW  
THE PRODUCT VIDEO](#)

## WHAT IS THE SMART AIRWAY CHILD?

The Smart Airway Child is a sensor driven pediatric airway management simulator designed to offer realistic training for pediatric airway procedures. Featuring smart sensors and data-driven feedback, it supports training in a wide range of pediatric airway management techniques, from endotracheal intubation to bag-valve-mask ventilation (BVM). The Smart Airway Child is an essential tool for healthcare professionals seeking to enhance their skills with real-time, measurable performance data.

## WHY PURCHASE THIS MODEL?

### **Realistic & Durable Pediatric Anatomy:**

Based on CT DICOM data of a 6-year-old child, the simulator offers authentic anatomical landmarks such as the epiglottis, cricoid cartilage, and tracheal rings.

The simulator is designed to withstand over 80,000 intubation cycles, ensuring it remains functional for long-term use.

### **CPD Accreditation:**

Offers CPD accreditation, enabling professionals to enhance their skills while earning recognized credits.

### **Customizable Scenarios:**

Instructors can create custom training scenarios and adjust difficulty levels, allowing students to practice both basic and advanced airway management techniques.

### **Real-Time Feedback:**

Tracks key metrics including incisor force, ventilation rate, head position, and jaw thrust, providing real-time data to refine technique.

### **Versatile Training Modes:**

Supports practice mode, self-directed learning with video tutorials, and instructor-led assessments with customizable scenarios and graded feedback.

Product Code: SAC10002  
Dimensions: 79x46x28cms  
Weight: 6.8kg

## APP FEATURES:

### PRACTICE MODE:

This mode allows the user to familiarise themselves with the model or app and get real-time feedback on techniques such as:

- Incisor force
- Head position
- Jaw thrust
- BVM
- Ventilation rate & volume

The app can discern accurate adherence from inconsistencies in established best practices, creating transparent pathways for targeted refinement. Audio and text feedback once again aids in providing the feedback required to improve their techniques.

### SELF-DIRECTED TRAINING:

Contains educational content and guided video tutorials on

- Background information of the skill
- Method
- Complications
- How to perform procedure video

This allows students to build and improve their knowledge of procedures, put the knowledge learned in practice mode to the test with an objective self-directed assessment.

The student can customise what skill they would like to focus on. Quantitative feedback is provided on how well the student performed with graded marks presented. Students can then send a Certificate of Training to their email address.

### INSTRUCTOR-LED ASSESSMENT:

The instructor can modify scenarios and assessment criteria based on the user's level of experience. Additionally, pre-theory knowledge questions for each topic or procedure are provided and marked accordingly.

Debrief video and quantitative feedback is provided post assessment, and the instructor can provide additional feedback on how they can improve their technique.

A certificate of completion and summary of results will be provided at the end of the assessment.

## TRAINING YOU CAN TRUST- 1- YEAR PROMISE!

We are so confident in the quality and durability of our products that we provide a 1 year warranty on the Smart Airway Child.

Product Code: SAC10002  
Dimensions: 79x46x28cms  
Weight: 6.8kg

## PROCEDURE TRAINING:

- Double nasotracheal intubation
- Bag-valve mask (BVM) ventilation techniques: the app indicates respiratory rate and tidal volume delivered
- Full range of supraglottic device insertion
- Direct and video laryngoscopy
- Awake fibre optic examination
- Endotracheal tube insertion: the app highlights incisor force, oesophageal intubation, and correct jaw thrust technique
- Needle & Surgical Cricothyroidotomy
- Percutaneous Tracheostomy

## IDEAL FOR TRAINING:

Anaesthesiologists

Medical Students

Pediatricians

Paramedics

EMTs

Nurses

## RECOMMENDED ADD-ON:

- Super Saver Child Cric Training Pack (100 Procedures)  
Product Code: CTP0100



Product Code: SAC10002  
Dimensions: 79x46x28cms  
Weight: 6.8kg