

AirSim Child Combo Bronchi X User Manual



An innovative and durable solution for realistic pediatric airway management and bronchoscopy training

The AirSim® Child Combo Bronchi X model (based on a 6-year old) features the uniquely constructed AirSim® X airway for realistic feedback during pediatric airway management procedures.

Visually and anatomically correct, the nasal cavity and airway include important internal landmarks for training in endo-tracheal and nasotracheal intubations.

Additionally, the model features anatomically correct bronchi to the 4th generation for realistic bronchoscopy training, and an easily interchangeable larynx facilitating a unique training experience for users practising needle/surgical cricothyroidotomy and percutaneous tracheostomy. TruCorp are proud to offer a 5-year warranty on the AirSim X airway.

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Product specifications

Product Code: CC50006X

Full shipment weight: Approx. 2kg

Full shipment dimensions: 41 x 26 x 23cm

Package contents

- 1 AirSim Child Combo Bronchi X ready-to-use (CC50006X)
- 1 AirSim Child Combo Bronchi X carrier case (CBAG03)
- 100ml bottle of lubrication (TL001)
- 5 Larynx inserts (CNLX050 – 1 supplied on the manikin and 4 spare)
- 1 wrap around neck skin (CRSN2005 – supplied on manikin)
- 2 sets of adhesive pads (attachable to suction cups for increased stability if required)

Recommended equipment sizes

- 4.5-5.0 mm ID for nasal intubation
- 5.5-6.0 mm ID for oral intubation
- Size 2 for LMA laryngeal masks
- Size 2 laryngoscope blade
- Similar respective sizes for other supraglottic devices

Initial set-up information

- Gently remove the model from the carrier case
- Secure the manikin to a suitable surface by adjusting the screw on the suction cups (surface must be non-porous to ensure sufficient suction)
- Optional: Adhesive pads are provided with the model for increased stability if required. This is particularly useful when the product is not on an ideal surface for suction cups to be effective. Simply peel the cover from the pad to locate the adhesive area and attach to the suction cups.
- The head can be placed in a neutral or sniffing position by rotating the head, if required for direct laryngoscopy
- Check the volume of air in the tongue is sufficient, it can be inflated or deflated by a syringe to adjust the difficulty during intubation if desired
- Please ensure two lung bags and one stomach bag are attached to the airway and oesophagus respectively
- Spray generous amounts of lubrication provided with the model (TL001) on the airway and equipment prior to use

List of procedures facilitated by the AirSim Child Combo Bronchi X

- Needle and surgical cricothyroidotomy
- Percutaneous tracheostomy
- Double naso-tracheal intubation
- Bag valve mask (BVM) ventilation techniques
- Full range of supraglottic devices
- Direct laryngoscopy
- Endotracheal tube insertion
- Awake fibre optic examination
- Combi tube insertion
- Video laryngoscopy (including Sellick Manoeuvre)
- Naso-gastric tube insertion techniques
- Diagnostic bronchoscopy
- Lung isolation techniques using left and right endobronchial tubes and bronchial blockers
- Lung suctioning techniques

Replacement of consumables

The larynx insert is designed to be replaced for each student to provide a unique training experience. This is a very quick and easy process, perfect for a busy teaching environment.

1. Please ensure the manikin head is placed in a neutral position
2. Remove the wraparound neck skin to provide access to the larynx insert
3. Remove the larynx insert and discard:
4. Align a new insert into position and press into place. Please ensure the ridges at all corners of the insert (yellow areas circled below) are tightly aligned with the larynx insert frame:



Care and maintenance

Store in clean, dry conditions away from heat and direct sunlight; avoid contact with metals, solvents, oils or greases and strong detergents. When the product is not in use please store in the black carrier case provided.

Thoroughly wash the AirSim X airway in warm water. Please use warm soapy water or something similar until all visible foreign matter and residue is removed.

Mild detergents or enzymatic cleaning agents may be used on the airway in accordance with the manufacturer's instructions and at the proper dilution. The detergent must not contain skin or mucous membrane irritants.

Please do not use any of the following when cleaning the AirSim product range

- Germicides, disinfectants, or chemical agents such as glutaraldehyde (e.g. Cidex®),

- Ethylene oxide, phenol-based cleaners or iodine-containing cleaners

In response to the recent COVID-19 pandemic, we recommend this additional step to ensure the product is fully sanitised:

Use alcohol spray (minimum 75%) and wipe off. Repeat this for 3-4 times to ensure to kill the virus completely. This method can be used on both the silicone skin and the latex airway.

Care must be taken when removing the unit from a surface if stuck using the adhesive pads for stability. Avoid pulling the unit from the surface, loosen the clear suction screws found at the top of the manikin's head and try to gently remove by sliding a flat object under the adhesive pads to avoid damage to the suction cups.

Warranty

TruCorp warrants this unit to be free of defects in materials and workmanship and to give satisfactory service for a period of 1-year from the date of delivery. This ensures that our customers receive maximum coverage on each product. If the unit should malfunction it must be returned to the factory for evaluation. Upon examination by TruCorp, if the unit is found to be defective it will be repaired or replaced at no charge.

Additionally, TruCorp warrants a 5-year warranty on TruCorp branded airways on any AirSim X, Trauma X and TruBaby X range. The 5-year warranty only covers the actual TruCorp airway and not any other part of the model.

TruCorp will pay for the freight/delivery and the actual parts needed free of charge if any part of the product fails within the 1-year period. TruCorp will pay for the freight/delivery of the TruCorp airway free of charge if the airway fails within the 5-year period.

However, these warranties are VOID, if; the unit shows evidence of having been tampered with or shows evidence of having been damaged by excessive heat, the use of sharp instruments, misapplication, misuse or other operating conditions outside of TruCorp's control. Components which wear or are damaged by misuse are not warranted and will be charged for if repair has been approved. Warranty is void if third party products are seen to have damaged or caused failure of the TruCorp models.

Please direct all warranty and repair inquiries to:



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