

# Features

AirSim represents the ultimate realistic airway simulator available to prepare trainees with the skills needed for all critical airway management procedures.

The addition of a 'real-feel' skin covering provides a more realistic bag mask ventilation training experience. AirSim Advance features an improved neck design allowing for accurate articulation.

Conceived and developed by doctors and engineers at the Queens University of Belfast, AirSim sets new standards in medical skills training.

## Skills:

- Use of laryngoscope
  - Insertion of supraglottic devices
  - Use of tracheal tube
  - Use of fiber optic laryngoscope
  - Closed suction device training
  - Insertion of double lumen tubes
  - Insertion of bronchial blockers
  - Bag and mask ventilation
  - Nasally directed/fiber optic examination
  - Naso tracheal positioning
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- One piece, seamless airway created from human CT scan data
  - Realistic tactile feedback during use
  - Faithful visualization of internal features during bronchoscopic examination
  - Tongue has a realistic shape, texture and response
  - Tongue can be inflated to variable sizes to simulate different swollen tongue scenarios
  - The teeth are constructed from denture moulds for anatomical realism
  - Unique spring-loaded jaw mandible allowing jaw thrust and realistic mouth opening together with the full range of jaw and mouth movements
  - The neck offers a full range of extension, flexion, lateral and rotational movements
  - Unique capability for insertion of double lumen tracheal tubes
  - Designed to fit all major brands of supraglottic devices
  - Full bronchi tree allowing for endoscopic examination to the bronchioles on the tertiary bronchi