ORSIM®

ORSIM Pediatrics®

**Introducing ORSIM Pediatrics —
because children are special**

Children are not little adults.

The anatomy is different; the physiology is different; the diseases are different. Airway management is different too.

ORSIM Pediatrics is specifically designed to demonstrate these differences.

Flexible bronchoscopy is an essential technique for managing the difficult pediatric airway, which is smaller and more reactive than the adult airway. There is less room to manoeuvre, movements are amplified and patients have a shorter apnea time.

The ORSIM lets users develop confidence and skill for managing these patients.

Features and Benefits

ORSIM Pediatrics has unique features and benefits:

Diversity

ORSIM pediatric patients can be scoped orally, nasally, and via supraglottic airways.

Users can experience a patient with a peritonsillar abscess, tracheoesophageal fistula, Hurler syndrome, a pencil embedded in the pharynx and more, all within the space of an hour.
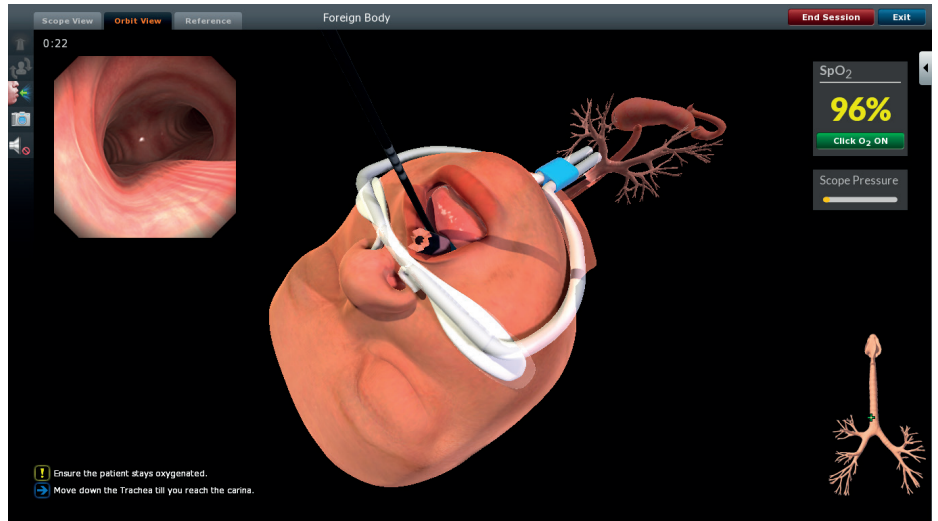
Realism

ORSIM Pediatrics scenarios are based on CT images. They are anatomically accurate and clinically relevant. Exceptional graphics and animation create virtual patients who swallow, breathe and pulsate. The 3D mode enables viewing of the entire upper airway and bronchial tree during scenarios.

Unrivalled realism augments skills transfer to the clinical environment.

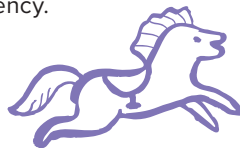Above: example screen from ORSIM Pediatrics showing oral foreign body.

Safety

In real life scenarios, learning is not always safe or comfortable for the patient. ORSIM Pediatrics replicates clinical scenarios so users can safely experience challenging and rare conditions, before they encounter them with real patients.

Both learners and experienced clinicians can develop and maintain skills without risk or discomfort.

Performance measurement

The ORSIM curriculum includes graduated learning, feedback, recording and assessment. Performance is measured objectively against expert parameters and can be recorded for playback and debriefing. Users can then take these learnings and practice to achieve proficiency.

For more information please visit orsim.com or email info@orsim.co.nz