

ORSIM[®] Bronchoscopy Simulator

The all-in-one training tool for airway competency.

The ORSIM is an innovative simulator designed to teach advanced bronchoscopy skills in a virtual environment. Specializing in difficult airways, the ORSIM lets practitioners prepare for airway management in real life situations.



Features and Benefits

ORSIM has unique features and benefits:

Fidelity

ORSIM scenarios are anatomically accurate and clinically relevant. Exceptional graphics and animation create the real challenge of a virtual patient who swallows, breathes and pulsates. A replica bronchoscope promotes psychomotor skill development.

This unrivaled realism augments skills transfer to the clinical environment.

Curriculum Learning

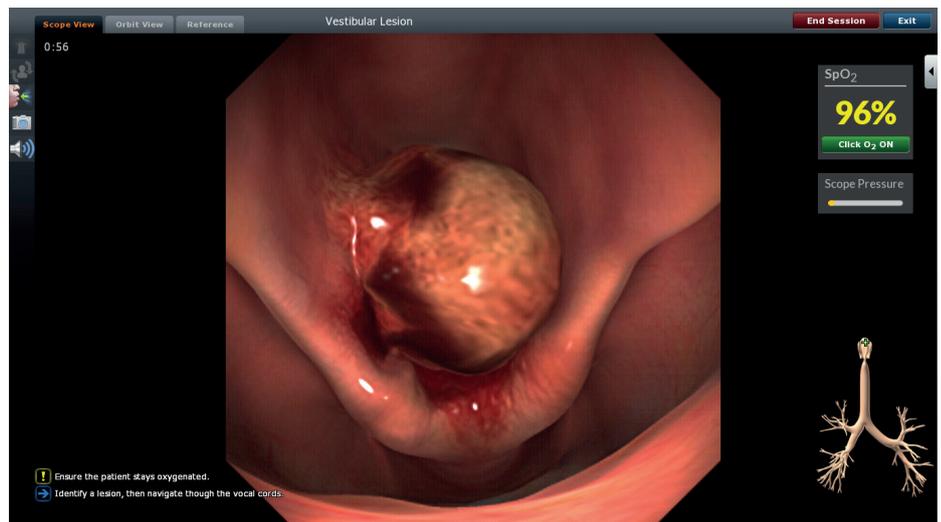
The ORSIM curriculum progresses from non-anatomical models to a range of complex airway pathology in adults and children.

Users can experience patients with a retropharyngeal abscess, a vocal cord cyst, angioneurotic edema or a penetrating neck injury, all within the space of an hour.

ORSIM Freestyle or ORSIM Lab

The ORSIM has two learning spaces: ORSIM Freestyle, where users can practice on any chosen scenario; or ORSIM Lab, which guides users through the graduated learning pathway. Users move up the learning curve rapidly.

A 3D mode enables viewing of the full bronchial tree during scenarios.



ORSIM Pediatrics®

Diverse, exciting and challenging — users can safely practice on a patient with a peritonsillar abscess, a tracheoesophageal fistula, a pencil embedded in the pharynx, and many more pediatric scenarios.

Safety

In real life, learning is not always safe or comfortable for the patient.

The ORSIM replicates clinical scenarios so users can experience challenging and rare conditions, before they encounter them with real patients.

Both learners and experienced clinicians benefit by developing and maintaining skills without risk or discomfort.

Performance Measurement

ORSIM measures a user's performance objectively against expert parameters for more effective learning.

Each experience can be recorded for playback and debriefing. Users take these learnings and practice to achieve proficiency.

Above: An ORSIM patient with a vestibular tumor.



Small, Smart, Economical

This all-in-one, portable training device can be carried with ease and set up in minutes. The ORSIM is a robust training tool enabling autonomous, patient-free learning which reduces bronchoscope repair costs and increases operator efficiency.



About Us



Our company was founded on a desire to make the learning and maintenance of essential skills simple, accessible and economical.

The ORSIM team is comprised of doctors, educators, software developers, electronic and mechanical engineers, industrial and graphic designers.

The company is led by Dr Paul Baker, an anesthesiologist and international airway management authority.



For more information
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