



MSE GROUP
Simulation & Diagnostics in Healthcare

Diagnostic and Surgical Skills in Endoscopy



EndoVision

Surgical Simulator

www.mse-group.co


MedVision

Real-feel surgical simulation



EndoVision

EndoVision sets the standard in simulation for hands-on-training in endoscopic procedures. Allowing trainees realistic and safe clinical experiences, EndoVision offers exposure to an extensive library of modules and patient cases to challenge diagnostic and psychomotor skills in preparation for real presentations.

True-to-life instruments for procedures in Bronchoscopy, Gastrosocopy and Colonoscopy, along with an interactive 3D anatomy atlas, videos, texts and automatic data capture for quality debriefing, high standards of competency are assured.

EndoVision Standard

- Manage complications caused by trainee's actions
- 2 FullHD displays with one of them being a touchscreen for all your menu controls
- Haptic feedback for realistic tissue resistance
- Interactive 3D anatomy atlas with real-time tracking of the instrument
- Real patient cases
- Detailed automatic recording of all actions
- A set of virtual tips with videos, texts and visual cues
- Mobile wheelbase



Software

- Training and exam modes
- Detailed statistics after each module
- High definition 3D graphics
- Visual tips and guidelines
- Video and text materials
- 3D anatomy atlas

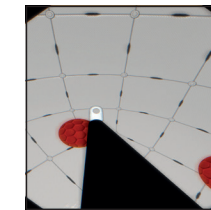
Endoscopy instruments

- Real adapted gastroscope, bronchoscope, colonoscope
- High-precision no-lag instrument tracking system provides accurate, smooth response for all your actions

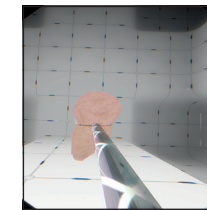


Bronchoscopy Modules

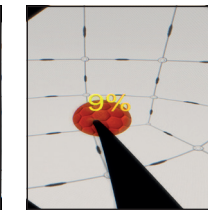
Instrument handling skills



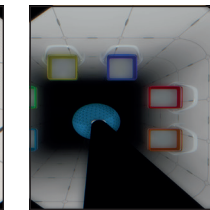
Biopsy forceps



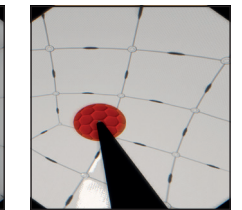
Endoloop



Coagulator Control
(monoelectric and
argon plasma unit)

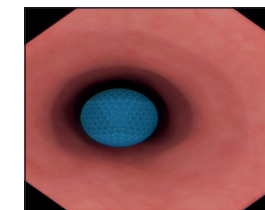


Forceps for Grab
of a Subject

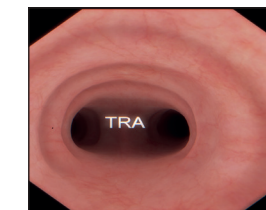


Puncture Needle

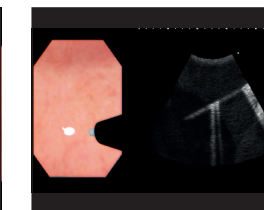
Essential skills



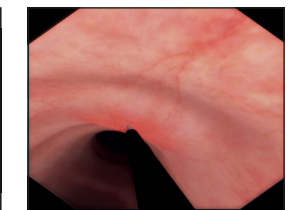
Bronchoscope Handling
Skills in Real Anatomical
Environment



Knowledge of Anatomy in
Bronchoscopy



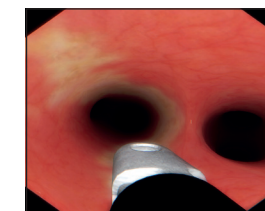
EBUS-TBNA



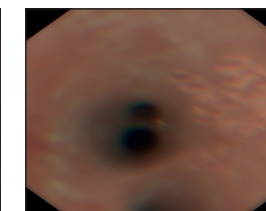
TBNA

Transbronchial needle aspiration

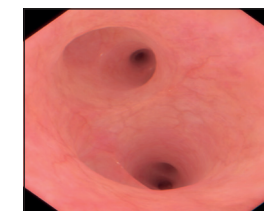
Diagnostic Bronchoscopy



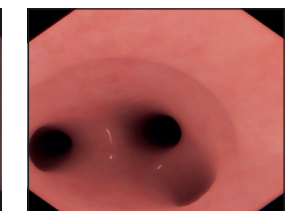
Biopsy in Bronchoscopy



Bronchoalveolar Lavage

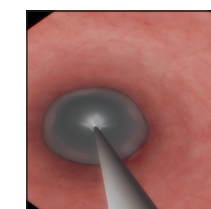


Pediatric Bronchoscopy

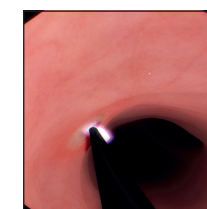


Routine Endoscopy Skills

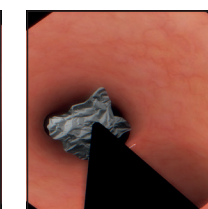
Therapeutic Bronchoscopy



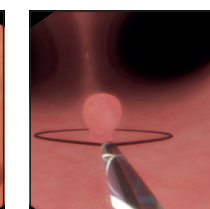
Balloon dilatation



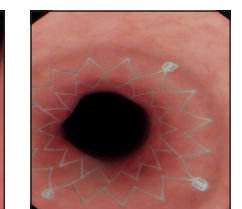
Bleeding Control



Foreign Body
Removal



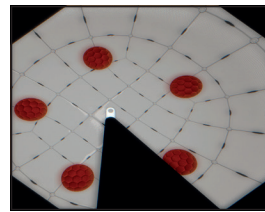
Polypectomy in
Bronchoscopy



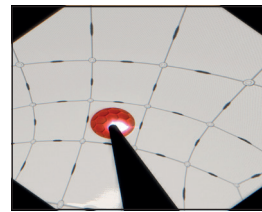
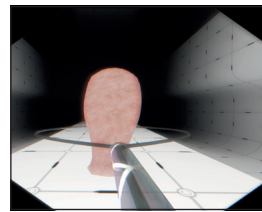
Stenting

Gastroscopy Modules

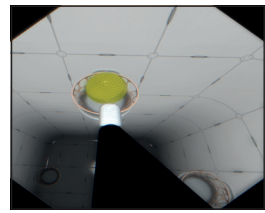
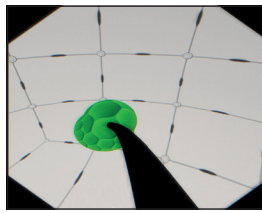
Instrument handling skills



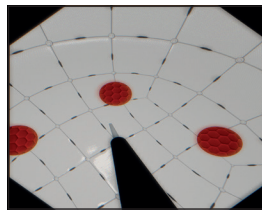
Biopsy forceps

Coagulator Control
(monoelectric and argon
plasma unit)

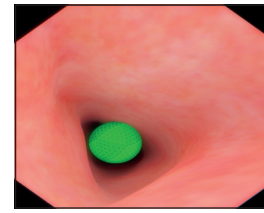
Endoloop

Forceps for Grab
of a Subject

Injection needle

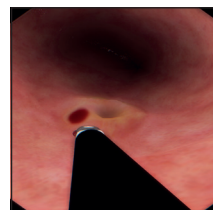
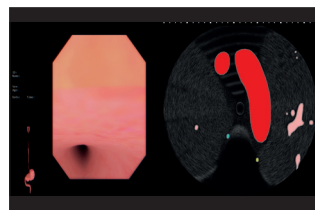


Puncture needle

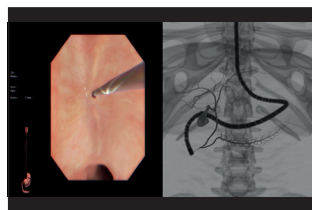
Gastroscope Handling
Skills in Real Anatomical
Environment

Essential skills

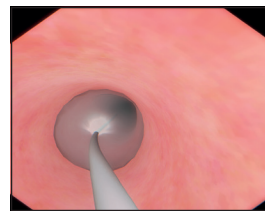
Diagnostic Gastroscopy

Esophagogastroduo-
denoscopy (EGDS)

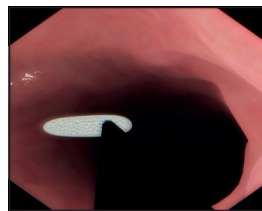
Endoscopic Ultrasonography

Endoscopic Retrograde
Cholangiopancreatography

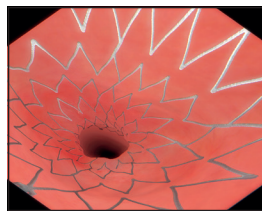
Therapeutic Gastroscopy



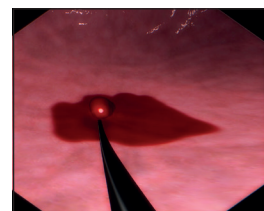
Balloon dilatation



Foreign Body Removal



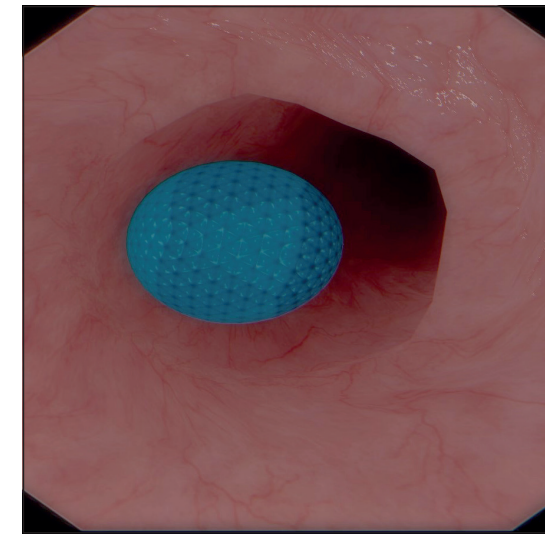
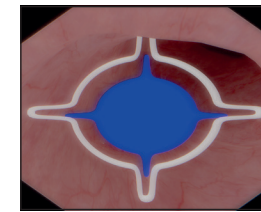
Stenting



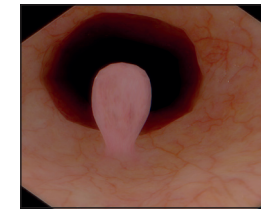
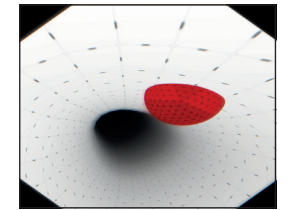
Upper GI Bleeding

Colonoscopy Modules

Essential skills

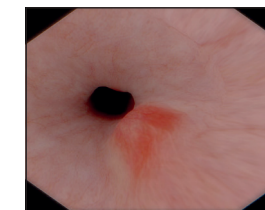
Colonoscope Handling Skills in Real Anatomical
Environment

Colonoscopy Navigation

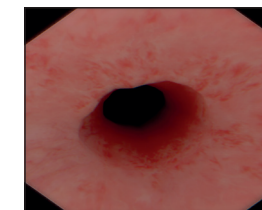
Mucosal Assessment Skills
in ColonoscopyPathology Visualization
Skills

Targeting in Colonoscopy

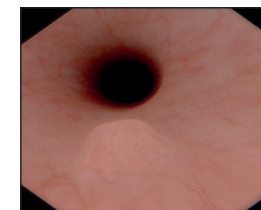
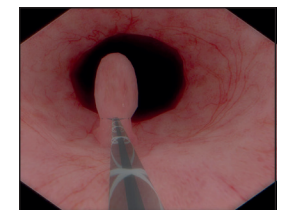
Diagnostic colonoscopy



Biopsy in Colonoscopy

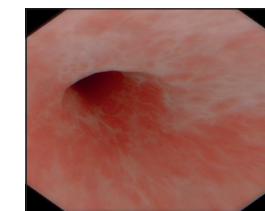
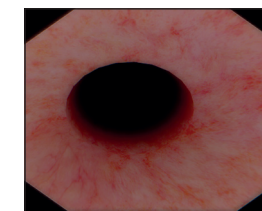


Colonoscopy

Endoscopic Mucosal
ResectionPolypectomy in
Colonoscopy

Therapeutic colonoscopy

Sigmoidoscopy

Random Anatomy of
Sigmoidoscopy

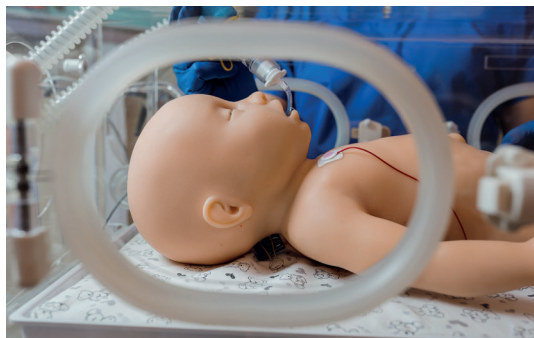
Sigmoidoscopy

Have you seen our patient simulators?



Leonardo

Leonardo supports for high-quality simulation training in basic to advanced medical procedures, clinical team development and patient case management. He enables learners to fully immerse and challenge themselves as they put their individual and team skills to the test in time-critical emergency scenarios.



Mia

Mia is a state-of-the-art newborn simulator designed to meet the challenges of specialist training in neonatal care. From basic assessment to critical thinking skills in emergency scenarios, Mia will enable profound learning experiences for transference to real to clinical practice.



Arthur

Arthur has been designed to support those working in child health to effectively communicate, assess, diagnose and treat young patients in a diverse range of critical scenarios and in a variety of clinical settings.

For further information about any of our products within our range of patient and surgical simulators, please contact us at hello@mse-group.co

MedVision is a global company committed to the advancement of quality education in healthcare through its range of patient and surgical simulators. The MSE Group is the exclusive partner of MedVision in Europe.

 hello@mse-group.co

 www.mse-group.co

