



**MSE GROUP**  
Simulation & Diagnostics in Healthcare

## Diagnostic and Surgical Skills in Endoscopy



# EndoVision

Surgical Simulator

[www.mse-group.co](http://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, Gastroscopy 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

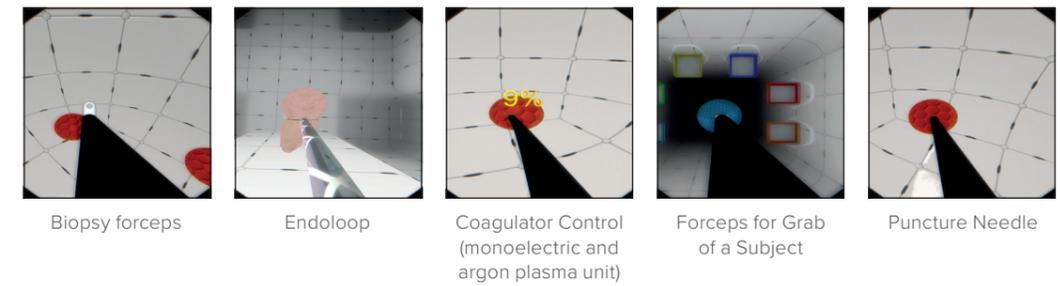
## Endoscopy instruments

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



## Bronchoscopy Modules

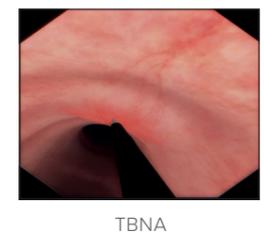
### Instrument handling skills



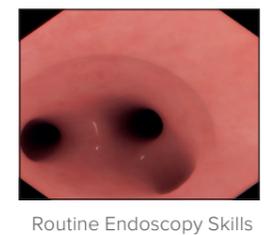
### Essential skills



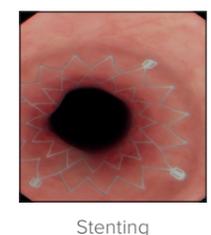
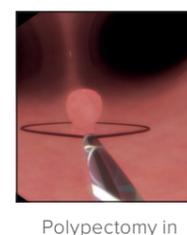
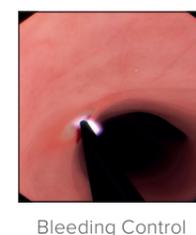
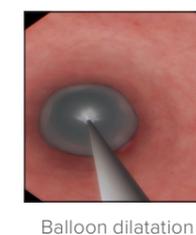
### Transbronchial needle aspiration



### Diagnostic Bronchoscopy

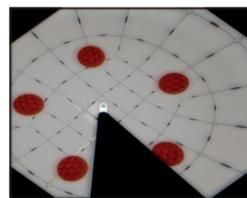


### Therapeutic Bronchoscopy

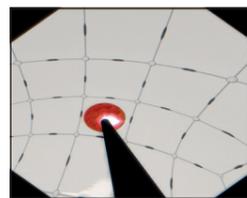


## Gastroscopy Modules

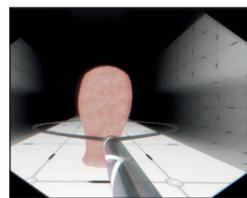
### Instrument handling skills



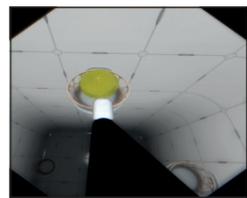
Biopsy forceps



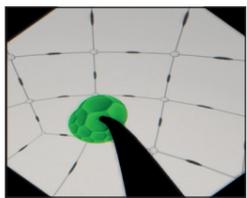
Coagulator Control  
(monoelectric and argon plasma unit)



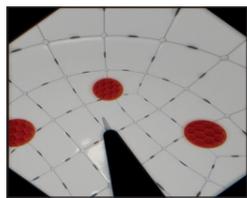
Endoloop



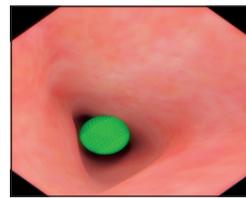
Forceps for Grab  
of a Subject



Injection needle



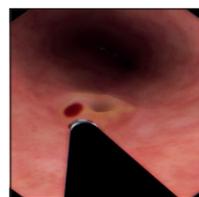
Puncture needle



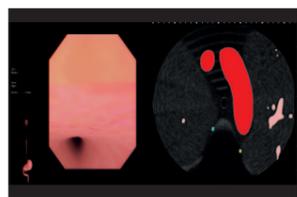
Gastroscope Handling  
Skills in Real Anatomical  
Environment

### Essential skills

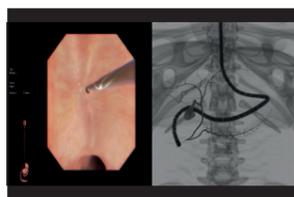
### Diagnostic Gastroscopy



Esophagogastroduo-  
denoscopy (EGDS)

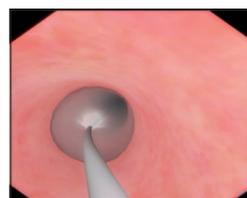


Endoscopic Ultrasonography



Endoscopic Retrograde  
Cholangiopancreatography

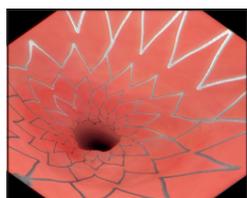
### Therapeutic Gastroscopy



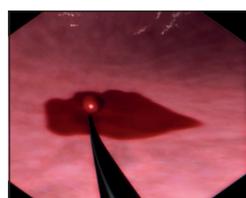
Balloon dilatation



Foreign Body Removal



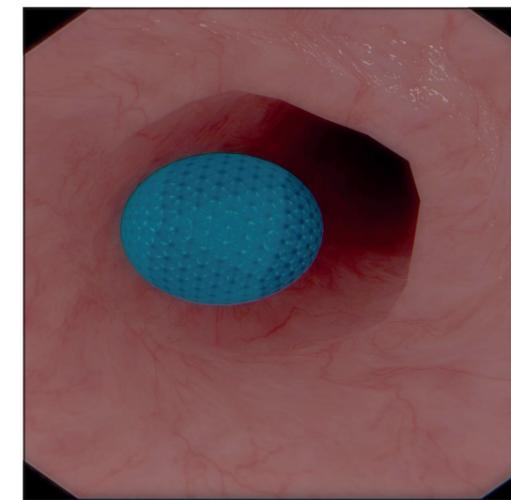
Stenting



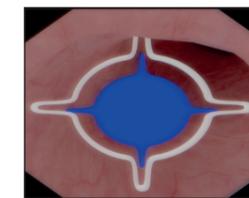
Upper GI Bleeding

## Colonoscopy Modules

### Essential skills



Colonoscope Handling Skills in Real Anatomical  
Environment



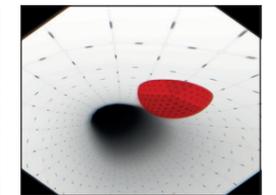
Colonoscopy Navigation



Mucosal Assessment Skills  
in Colonoscopy



Pathology Visualization  
Skills

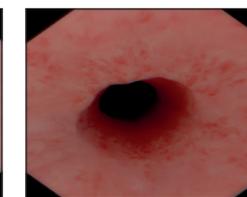


Targeting in Colonoscopy

### Diagnostic colonoscopy

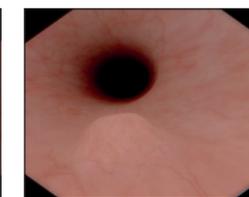


Biopsy in Colonoscopy

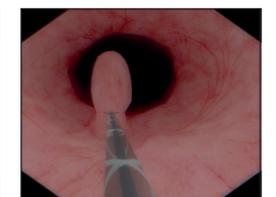


Colonoscopy

### Therapeutic colonoscopy

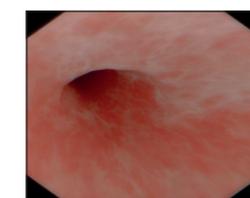


Endoscopic Mucosal  
Resection



Polypectomy in  
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](mailto: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.

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 [www.mse-group.co](http://www.mse-group.co)

