CAE EndoVR™ Interventional Simulator
Designed to impress

MEDICATION
IV MEDICATIONS
Fentanyl 25mcg
Fentanyl 50mcg
Fentanyl 100mcg
Flumazenil 0.1mg
Meperidine 25mg
Meperidine 50mg
Midazolam 0.5mg
Midazolam 1mg
Midazolam 2mg
Naloxone 0.1mg
Propofol
Increase
Decrease

Arouse Patient
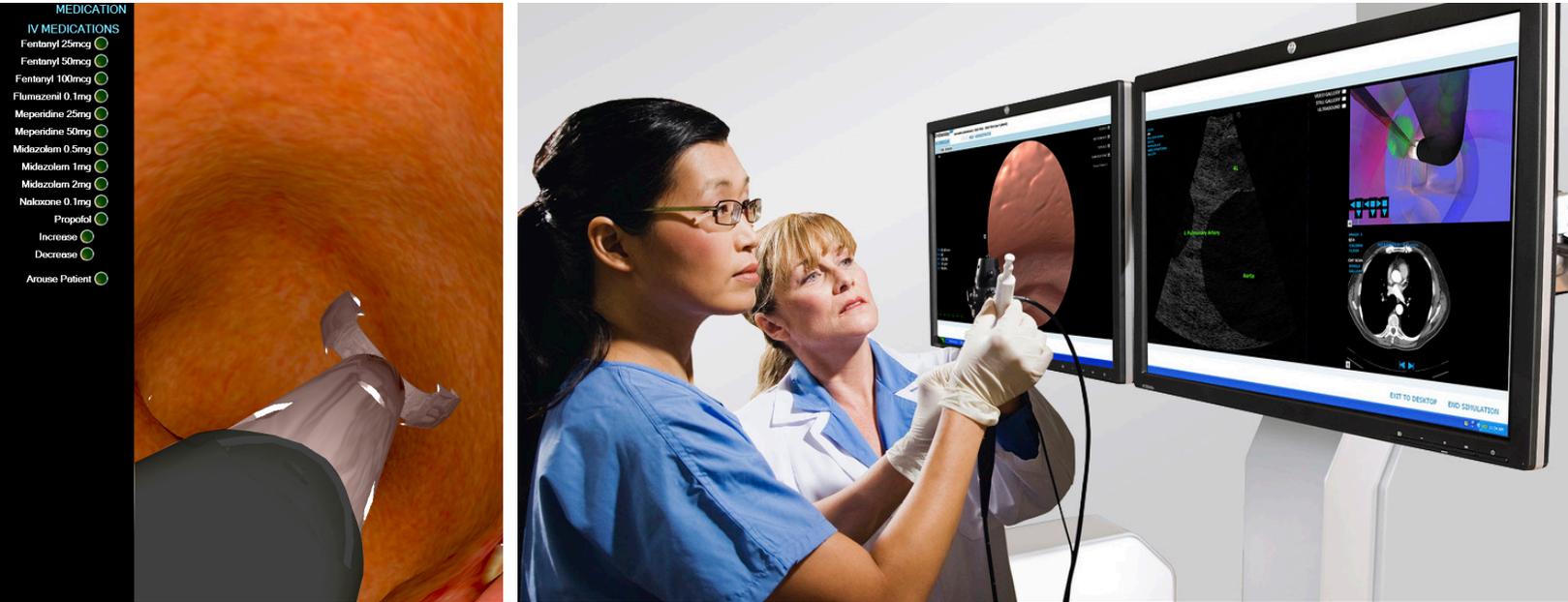
Welcome to a new generation of interventional simulation where virtual reality, haptics, and real patient cases push the limits of medical simulation. Be amazed by the advanced graphics that depict anatomical structures with stunning realism. Experience the haptic technology that accurately replicates the use of a scope during procedures. And, utilize an extensive library of pathologies for your endoscopic training curriculum. The CAE EndoVR is so well designed that it recently won the internationally acclaimed Red Dot Award for product design.

The EndoVR is the all-in-one simulator for both gastrointestinal and bronchial training. CAE Healthcare offers learning modules for bronchoscopy, EBUS-TBNA, upper GI, and lower GI to give learners a comprehensive set of cases for their simulation-based learning. Customize curriculum to match learner needs, capture metrics and set parameter levels and upload supplemental multimedia content to get the most out of your EndoVR simulation solution.

NEW in 2017!

Touchscreen monitor with improved user interface and Chinese language version. Advanced endoscopy module coming soon!

CAE Healthcare

Technical Specifications

Standard Equipment

EndoVR Simulator cart with integrated haptic technology
EndoVR user interface (UI) software
2– 24" flat screen monitors
Computer
Keyboard with trackball mouse
Oral and lower GI anatomy plates
Electronic user guide
CAE Assurance Plan with software updates

RTUAL TIPS
imulation
PROCEDURE LOG
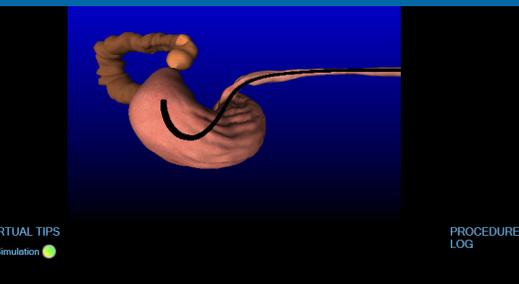
Optional Equipment

Bronchoscopy module with bronchoscope tube
EBUS-TBNA module
GI package includes: lower GI module with LGI/EGD scope head, colonoscopy and sigmoidoscopy tubes and upper GI module with ERCP/UGI scope head and EGD scope tube
EBUS-TBNA needle accessory

Dimensions

40.5" W x35" D x 72" H (height is adjustable)

Electrical

100-120V, 50-60Hz

Operating Temperature

Operation: 50°F to 90°F

Humidity

20% to 80% noncondensing

Key Features

- Replicates endoscopy procedures with accurate haptic technology
- Patient cases developed using real patient data and physiological models
- Available software modules include:
  - Bronchoscopy Module: introduction to bronchoscopy, bronchoalveolar lavage (BAL), transbronchial needle aspiration (TBNA), pediatric difficult airways, and endobronchial sampling
  - GI Package (includes Upper GI and Lower GI):
    - Upper Gastrointestinal (GI) Tract Module includes: esophagastroduodenoscopy (EGD), endoscopic retrograde cholangiopancreatography (ERCP), GI bleeding
    - Lower Gastrointestinal (GI) Tract Module includes: introduction to sigmoidoscopy, introduction to sigmoidoscopy supplemental cases, introduction to colonoscopy, introduction to polypectomy, introduction to biopsy
- EBUS-TBNA Module: Package includes EBUS-TBNA software module and EBUS-TBNA tool kit
- Device is secured to a four-wheel platform for mobility with ability to adjust height according to the learner's needs
- Software includes didactic content for tasks, covering training objectives, instructions, demos, case history, pre-procedures, parameters, and post-procedures
- Software includes metrics to track time, proficiency, dexterity and complications for each task and compare a learner's results with the instructor's established acceptable results
- Software compiles usage summaries for learners containing metrics on duration, and skills and cases completed

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