

USIM > Department of Advanced Simulation > Endoscopy and Bronchoscopy Simulator

- It offers 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
 - o GI Package (includes Upper GI and Lower GI):
 - Upper Gastrointestinal (GI) Tract Module includes:
 Esophagogastroduodenoscopy (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 doctor's and candidate doctor's needs
- Software includes didactic content for tasks, covering training objectives, instructions, demos, case history, pre-procedures, parameters, and post-procedures
- Software compiles usage summaries for doctors and candidate doctors containing metrics on duration, and skills and cases completed