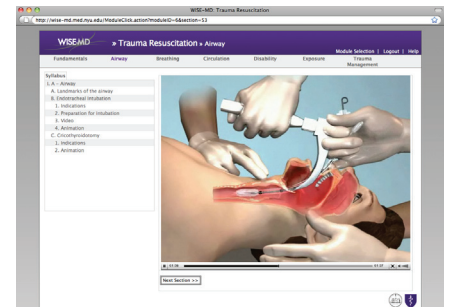
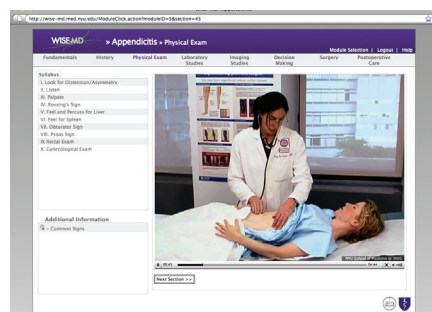


THE GOAL of the Web Initiative for Surgical Education of Medical Doctors (WISE-MD) project is to design, construct and implement a cutting-edge program on the diagnosis and treatment of common surgically related diseases, utilizing sound educational theory and the latest instructional technologies to produce a new standard in clinical medical education. Leaders from the New York University School of Medicine, the American College of Surgeons and the Association for Surgical Education are collaborating to develop 25 web-based modules for integration into surgical clerkship curricula throughout North America and overseas.

The WISE-MD modules, now available by subscription through MedU, provide a standardized, peer-reviewed, web-based educational experience for medical students. The program is based on the premise that high quality of care for patients is significantly determined by the quality of education that medical students receive. As students are now spending less time with both patients and experienced physicians, online training modules offer a unique opportunity for developing the knowledge, clinical reasoning, communication skills, and core competencies necessary for all medical students — whether they are pursuing a career in surgery or another area.

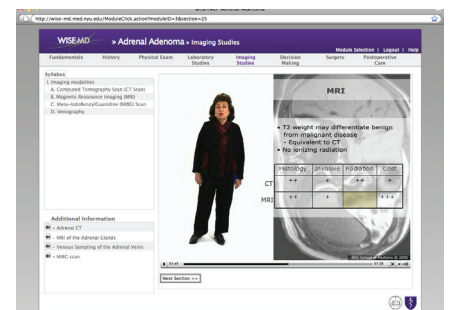


Procedures and clinical scenarios



Professional standards of care

WISE-MD offers a “cognitive apprenticeship framework” for novice clinicians, with explicit attention is paid to anchoring student experiences in a content area. The modules provide expert coaching regarding the process of clinical reasoning, and then offer increasingly independent opportunities to transfer this knowledge to new clinical cases. This model strengthens what is undeniably essential in clinical education – learning by doing – by providing the framework to ensure that all students are prepared to most effectively learn from faculty while on the patient floors, in the operating room, and in the classroom.



Multidisciplinary approach

Each multimedia module uses extensive instructional videos, eye-catching graphics, and three-dimensional animations, with experienced physicians on-camera guiding the student from the first patient interview through to the physical examination, laboratory and imaging studies, decision-making discussion between the physician and patient, surgery, pathology, and post-operative visit. Core information is presented in engaging and user-driven technologies. Supplementary material is easily accessible for learners who want to explore topics in more depth.

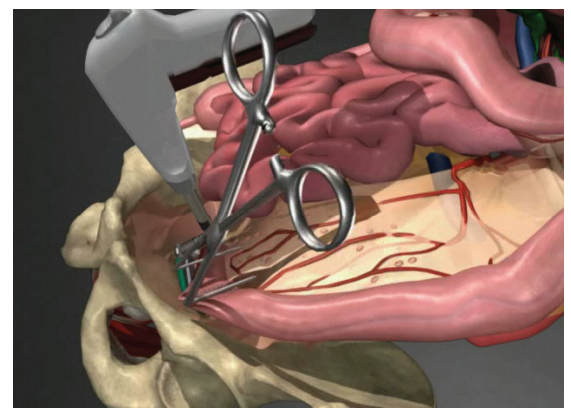
PRODUCTION AND USAGE:

Fifteen modules are available online: Abdominal Aortic Aneurysms, Adrenal Adenoma, Anorectal Disease, Appendicitis, Breast Cancer, Bowel Obstruction, Burn Management, Carotid Stenosis, Cholecystitis, Colon Cancer, Diverticulitis, Hernia, Skin Cancer, Thyroid Nodule, Trauma Resuscitation

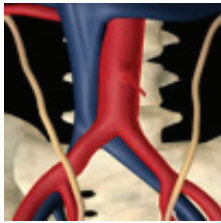
Seven additional modules are currently in production: Bariatric Surgery and Obesity, Hypercalcemia, Lung Cancer, Pancreatitis, Pediatric Surgery: Hernia & Hydrocele, Pediatric Surgery: Pyloric Stenosis and Venous Disease

Over 50 medical and osteopathic schools are subscribing to WISE-MD to enhance their surgical clerkship curricula.

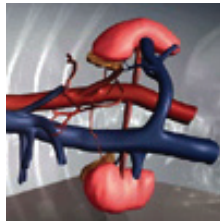
An Editorial Board of 15 nationally recognized surgical educators determine module content and select editors.



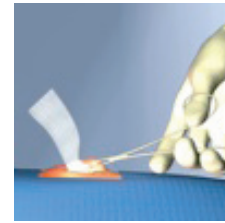
Visually compelling 3D animation provides a unique solution for students in understanding surgical procedures



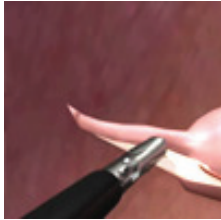
Abdominal Aortic Aneurysms



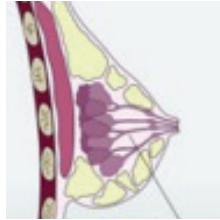
Adrenal Adenoma



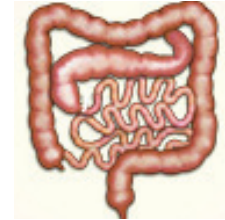
Anorectal Disease



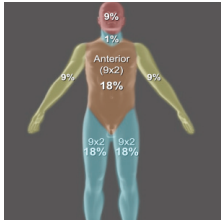
Appendicitis



Breast Cancer



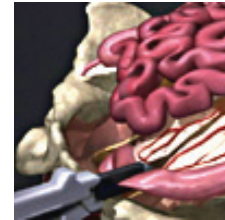
Bowel Obstruction



Burn Management



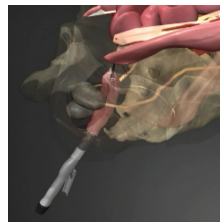
Carotid Stenosis



Cholecystitis



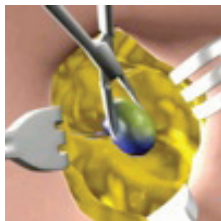
Colon Cancer



Diverticulitis



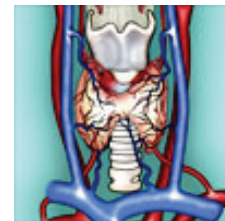
Hernia



Skin Cancer



Trauma Resuscitation



Thyroid Nodule

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To view a demo of
 WISE-MD, please visit:
<http://wise-md.med.nyu.edu>
 Username: ACS_2010
 Password: demo

<http://www.med-u.org>
 Telephone: (212) 263-2053
wisemdsupport@i-intime.org