

Clinical Simulation

Resident and Fellow Physician Offerings

The Office of Medical Education Clinical Simulation team provides expertise with skills training and simulation. The team will work with you to meet your educational needs.

Certification Courses

- ATLS
- FCCS
- PFCCS

High Fidelity Simulation

- ACLS scenarios
- PALS scenarios
- NRP scenarios
- Teamwork/Communication scenarios
- Simulation building and debriefing
- Obstetrics & Gynecology
- Adult and Pediatric Trauma

Procedure Simulators

- Laparoscopic Surgery
- Gastroenterology
- Ultrasound
- Bronchoscopy

Ultrasound Guided Procedures

- Central IV-line placement—IJ, subclavian, femoral
- Arterial line placement
- Thora/Paracentesis
- Arthrocentesis
- Joint injection
- Facilities, staff and resources for didactic and hands-on scanning demonstration, practice, and instruction

Bedside & Point of Care Ultrasound

- Trauma (E-FAST) Exam—hemoperitoneum, hemopericardium, hemopneumothorax
- Basic and advanced transthoracic and transesophageal echocardiography simulator for assessment of normal anatomy, tamponade, pulmonary embolism, congestive heart failure and myocardial infarction
- Aorta/IVC exam, AAA and estimate intravascular volume status

- Renal/Biliary exam, gallstones, and cholecystitis
- Soft tissue/musculoskeletal—abscess, joint effusion, or fractures
- Evaluation of hypotensive or hemodynamically unstable patient
- Ob/Gyn simulator for fetal ultrasound, fetal echocardiography, fetal neurosonography, OB and transvaginal ultrasound

Skills Training

- **Airway—Adult or Pediatric**
 - Endotracheal Intubation
 - Difficult airway/Glidescope
 - Cricothyrotomy
 - Needle decompression
- **Task Trainers**
 - TraumaMan—Chest tube Insertion
 - TraumaChild—Chest tube Insertion
 - Lumbar puncture
 - Urinary catheter insertion
 - Nasogastric tube insertion
 - Foreign body removal
- **Vascular Access**
 - Landmark central IV placement- subclavian, femoral vein
 - Intraosseous line placement
 - Peripheral IV-line placement
 - Arterial blood gas draw
 - Femoral/subclavian access
 - Umbilical line insertion
 - Gastric tube replacement
 - Scalp IV-line placement
- **Bronchoscopy**
 - Tower and scopes
 - Ultrasound
 - TEE
- **Additional Skills**
 - Suturing & Knot Tying
 - Open gloving
 - Gowning and gloving
 - Sterile technique

For reservations contact the Corewell Health West Office of Medical Education Clinical Simulation team. Please contact us at CSPD@corewellhealth.org

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