

CanMEDS Rotation Objectives – Emergency Ultrasound (PGY 2)

RCPS Emergency Medicine Residency Program

Department of Emergency Medicine

University of Alberta

Medical Expert

The learner should:

- Develop and understanding of ultrasound physics
- Be able to perform an ED ultrasound, including, but not limited to:
 - AAA screen
 - Intrauterine pregnancy
 - Free abdominal fluid
 - Pericardial effusion
 - Thoracic ultrasound for pleural effusion and pneumothorax
- Be able to interpret the findings of the above ED ultrasound applications
- Achieve CPUCUS Independent practitioner status 1
- Be exposed to the following ED ultrasound uses:
 - Advanced cardiac views
 - IVC for volume status
 - Detection of pulmonary pathologies including pulmonary edema
 - renal ultrasound for hydronephrosis

Communicator

The learner should develop communication skills to:

- Effectively communicate with patients and families
- Discuss, in collaboration with the Most Responsible Physician, EDE findings with patients.
- Chart accurately, efficiently and in an organized manner

Collaborator

The learner should strive to:

- Effectively interact with other members of the emergency department team
- Effectively interact with other users of the ultrasound
- Be able to collaborate effectively with consultant services for better patient care

Leader

The learner should strive to:

- Understand appropriate use of ED ultrasound and its limitations

Health Advocate

The learner should strive to:

- Be an effective patient advocate

- Be aware of the determinants of health and their impact on patients
- Develop an appreciation of fears and expectations patients may have when having an ultrasound

Scholar

The learner should develop:

- Self directed learning skills in ED ultrasound

Professional

The learner should:

- Demonstrate integrity and honesty
- Recognize own limitations in using ultrasound and interpretation
- Demonstrate compassion and respect in all patient encounters
- Learn and apply ethical principles appropriately
- Be aware of personal limitations and seek assistance when appropriate