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