

## Diagnostic Radiology: Foundations EPA #4

### Applying a systematic search pattern to the analysis of medical imaging studies

#### Key Features:

- This EPA focuses on an approach that ensures a comprehensive analysis of an imaging study, including an assessment of the quality of the generated image.
- At this stage and for this EPA, it is not expected that the resident will identify or diagnose all relevant findings.

#### Assessment Plan:

Image review, case discussion and/or review of report by staff radiologist, Core or TTP resident, or fellow

Use Form 1. Form collects information on:

- Body region: abdomen/pelvis; cardiothoracic; head; neck; MSK; spine; other
- Modality: CT; radiography; ultrasound

Collect 10 observations of achievement

- At least 1 abdomen/pelvis CT
- At least 1 abdomen/pelvis radiograph
- At least 1 abdomen/pelvis ultrasound
- At least 1 cardiothoracic CT
- At least 1 cardiothoracic radiograph
- At least 1 head CT
- At least 1 neck CT
- At least 1 MSK CT
- At least 1 MSK radiograph
- At least 1 spine radiograph

#### CanMEDS Milestones:

- 1 ME 3.4 Display images to review a study**
- 2 ME 1.3 Apply knowledge of radiological anatomy**
- 3 ME 3.4 Identify normal structures and anatomic landmarks**
- 4 ME 3.4 Assess the quality of the study and any impact on the diagnostic interpretation**
- 5 ME 3.4 Demonstrate the use of a systematic search pattern**