

# Provider Led Entity

## CDI Quality Institute AUC Questions: Hip Pain

7/25/17

**Patient/Problem:** Appropriateness of advanced imaging procedures in patients with hip pain and the following clinical presentations or diagnoses:

- Suspected stress or fragility fracture with negative or indeterminate x-ray;
- Suspected labral tear with or without femoral acetabular impingement, with or without previous surgery;
- Osteoarthritis with abnormalities on x-ray;
- Suspected AVN with or without abnormal x-ray;
- Suspected periarticular tendinopathy, tendon tear and/or bursitis;
- Clinical or radiological suspicion for septic arthritis or osteomyelitis;
- Clinical or radiological suspicion for neoplasm; and
- Unexplained hip, groin, buttock, thigh and/or knee pain with suspected hip etiology and normal or minimal abnormalities on x-ray.

For patients > 18 years of age, in a community outpatient setting, without pregnancy, and for the purposes of diagnosis.

**Interventions:** Advanced testing (MRI w/o contrast, MRI arthrography, CT w/o contrast, CT arthrography, Bone scan with or w/o SPECT)

**Comparison:** Gold standard (surgical findings, arthroscopic findings or patient outcome)

**Outcome:** Diagnostic accuracy, positive predictive value, effect on patient management, surgical rate, and/or patient outcome.

**Exclusions:**

- Inflammatory arthritis including possible infection;
- Crystal deposition disease;
- Primary synovial abnormalities such as PVNS or osteochondromatosis;
- Primary bony or soft tissue neoplasm;
- Painful hip arthroplasty;
- Femoral acetabular impingement for surgical planning; and
- Acute trauma.