

OBSERVATION

Examination: MRI Right Hip without Contrast

Clinical indication: Jarring hip injury.

Findings:

Hyperintense signal abnormality is identified within the superior acetabular labrum, seen best on coronal images 10-11. These findings are consistent with a labral tear. A small joint effusion is present.

The marrow signal within the right hip demonstrates an area of linear low signal extending in a vertical orientation within the proximal femur, in the region of the greater trochanter. The exact etiology of this is uncertain. No evidence of marrow edema surrounding this area of low signal. Correlation is suggestion with prior instrumentation in this area. The exact etiology of this is uncertain.

Nonspecific inflammation is also identified in the region of the greater trochanteric bursa. No evidence of bursal fluid collection. The iliopsoas bursa is unremarkable.

No evidence of interstitial muscular tear or soft tissue mass. The marrow signal is otherwise unremarkable. No evidence of marrow edema, fracture, contusion, or area of marrow infiltration. No evidence of microtrabecular bone injury or stress reaction.

Osteophyte formation is identified at the level of the pubic symphysis.

The visualized portions of the intrapelvic contents are unremarkable.

Chondral surface signal abnormality is identified within the acetabulum, consistent with Grade II to III chondromalacia.

IMPRESSION

1. Signal abnormality identified in the region of the superior acetabular labrum, consistent with labral tear.
2. Nonspecific linear area of decreased signal within the proximal right femur, at the level of the greater trochanter. The exact etiology of this is uncertain. Clinical correlation is suggested with prior instrumentation in this area.
3. No evidence of stress fracture or marrow edema throughout the visualized portions of the pelvis and hips.
4. Mild inflammatory change is identified in the region of the greater trochanteric bursa.

