

# MRI Left Knee

# Sample Report

PATIENT: DOE, REGINA  
DATE OF BIRTH: 1/4/1967  
REFERRING PHYSICIAN: BANNER, ROSS, MD  
EXAM DATE: 1/1/2013  
**EXAMINATION: MRI Left Knee**

PATIENT ID: 567891

**INDICATION:** Left knee twisting injury on 1/1/2013.

**TECHNIQUE:** Magnetic resonance imaging of the left knee joint is submitted with standard protocol, sagittal T1/T2, coronal PD, T1 and stir images, axial T2 and/or GE sequences having been acquired in the dedicated knee joint coil without IV contrast. Exam performed on .3 Tesla Open MRI system.

**COMPARISON:** None

**FINDINGS:** Extensor mechanism: The extensor mechanism is intact. The patellar ligament is intact.

Ligaments: There is complete mid substance disruption of the anterior cruciate ligament. Its fibers fibrillate within the joint. The posterior cruciate ligament is buckled as a result. Medial collateral ligament: There is edema relative to the MCL, external to such on the basis of grade 1 injury.

Lateral collateral ligament complex: The iliotibial band, biceps femoris tendon, fibular collateral ligament and popliteus muscle and tendon are thought to be intact.

Menisci: The anterior and posterior horns of the lateral meniscal tissue are intact. The transverse geniculate ligament is indistinct. The anterior and posterior horns of the medial meniscal tissue are intact though there is posterior meniscal capsular junction edema.

Patella: The retropatellar cartilage is preserved and the patellar retinacula normal in appearance.

Articulation: There is a large suprapatellar bursal effusion. Mild reactive synovitis exists.

Osseous structures: There is a deepened lateral condylar patellar sulcus of the femur. Bone cortical and marrow signal intensity is otherwise unremarkable.

Periarticular soft tissues: Regional edema negative for popliteal fossa cyst or ganglion.

## **IMPRESSION:**

1. Complete full-thickness disruption of the anterior cruciate ligament.
2. Associated osseous contusion of the lateral condylar patellar sulcus: Pivot shift injury.
3. Grade 1 MCL complex injury.
4. No other associated injury identified

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