



QUEENS RADIOLOGY IMAGING PC

DIAGNOSTIC RADIOLOGY

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PATIENT:	RENALTHO, JULIEN	EXAM DATE:	06/18/2022 1:30 PM
STUDY DESCRIPTION:	MRI KNEE WITHOUT CONTRAST (JOINT)	MRN:	RENU70238
DOB:	05/10/1990	REFERRING PHYSICIAN:	Kim, Stanley Sangwook
CLINICAL HISTORY:	N/F Left Knee Pain after MVA.	GENDER:	M

MRI left knee with no IV contrast

Clinical history: Pain due to MVA

Comparison: None

Description

MRI of the left knee was performed using multiplanar, multiecho pulse sequence. No IV contrast was given.

Findings

Osseous structures/marrow: There is bone marrow edema at the posterior aspect of the lateral femoral condyle representing nondisplaced/nondepressed fracture. The remainder of the bony structures are normal with no osteonecrosis

Ligaments:

Anterior crucial ligament: There is increased signal surrounding the ACL as well as within the ACL on a proton density indicating sprain.

Posterior crucial ligament: Posterior crucial ligament is intact

Medial collateral ligament: Medial collateral ligament is intact

Lateral collateral: Lateral collateral ligament is intact



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Joint spaces:

Medial compartment: There is a horizontal tear seen in the posterior horn of the medial meniscus

Lateral compartment: Lateral meniscus and articular cartilage is intact

Patellofemoral compartment: Articular cartilage is intact

Synovium/joint fluid: No joint effusion present

Muscles: There is no muscle edema or atrophy present

Neurovascular structure: Normal in course and caliber

Extensor mechanism: There is increased signal in the quadriceps tendon indicating tendinosis. There is surrounding edema of the patella tendon indicating paratenonitis.

Peripheral soft tissues: Edema surrounding the patella.

Plica: None

Impression:

- 1 ACL sprain
2. Horizontal tear of the posterior horn of the medial meniscus
3. Paratenonitis of the patella tendon and tendinosis of the quadriceps tendon



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4. Bone marrow edema posterior to the lateral femoral condyle indicating
nondisplaced/nondepressed fracture. No dislocation

Digitally Signed By: Izzo, Joseph

Digitally Signed Date: 06/20/2022 2:13 PM