



QUEENS RADIOLOGY IMAGING PC

DIAGNOSTIC RADIOLOGY

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PATIENT:	REID, MICHELLE	EXAM DATE:	06/29/2022 11:52 AM
STUDY DESCRIPTION:	MRI KNEE WITHOUT CONTRAST (JOINT)	MRN:	REIM70698
DOB:	11/04/1970	REFERRING PHYSICIAN:	Jurkovich, Michael
CLINICAL HISTORY:	PAIN IN RT. KNEE AFTER MVA	GENDER:	F

Magnetic resonance imaging of the right knee without IV contrast

Clinical history: Pain at the time of MVA

Comparison: None

Description

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

Osseous structures/marrow: There is no bony fractures or dislocation. There is no evidence of osteonecrosis

Ligaments

Anterior cruciate ligament: There is increased T2 signal on the proton density sequence adjacent to the ACL indicating sprain. No definite tears

Posterior cruciate ligament: Posterior cruciate ligament intact

Medial collateral ligament: Medial collateral ligament intact

Lateral collateral ligament: Lateral collateral ligament intact

Joint

Medial compartment: Horizontal tear extending to the inferior articular surface at the posterior horn.

Cartilage is intact

Lateral compartment: Oblique tear extending to the inferior articular surface in the posterior horn.



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Cartilage is intact

Patellofemoral: There is cartilage erosion at the apex of the patella.

Extensor mechanism: There is increased signal seen at the quadriceps insertion at the patella indicating tendinopathy. There is edema adjacent to the patella representing paratenonitis

Muscles: No muscle edema or fatty atrophy

Neurovascular bundle: Normal course and caliber

Plica: None present

Soft tissues: Prepatellar edema present

Impression

1. Increased T2 signal on the proton density sequence adjacent to the ACL indicating sprain. No definite tears
2. Horizontal tear extending to the inferior articular surface at the posterior horn of the medial meniscus. Oblique tear extending to the inferior articular surface in the posterior horn of the lateral meniscus
3. Patella cartilage erosion
4. Increased signal seen at the quadriceps insertion at the patella indicating tendinopathy. There is edema adjacent to the patella representing paratenonitis

Digitally Signed By: Izzo, Joseph

Digitally Signed Date: 07/02/2022 4:42 PM