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Next Generation Diagnostic Imaging P.C.

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DATE OF STUDY: 9/8/2022
PATIENT NAME: LANCASTER ANTHONY
DATE OF BIRTH: 8/7/1983
PATIENT NUMBER: SR3139
REFERRING PHYSICIAN: ROSS-DISTINE

MRI SCAN OF RIGHT KNEE WITHOUT CONTRAST

HISTORY: Patient was involved in a motor vehicle accident and now complains of pain.

COMPARISON: None.

TECHNIQUE: MRI of the right knee joint was performed using T1 and T2 weighted sequences in multiple planes using a surface coil and small FOV.

FINDINGS:

CRUCIATE LIGAMENTS: The anterior cruciate ligament reveals a hyperintense signal, suggestive of sprain. The posterior cruciate ligament is intact.

MEDIAL MENISCUS: There is an intrasubstance signal seen in the posterior horn of medial meniscus, which may represent an intrasubstance tear. The body and anterior horn of medial meniscus is normal.

LATERAL MENISCUS: Intact.

COLLATERAL LIGAMENTS: The medial collateral ligament is intact. The lateral collateral ligament complex is intact.

OTHER LIGAMENTS: The distal quadriceps tendon and patellar ligament and medial and lateral patellar retinacula are unremarkable.

FLUID: There is mild synovial effusion. No Baker's cyst.

CARTILAGE: The patellar cartilage is swollen and reveals hyperintense signal, without erosions of the underlying bone. This can be due to injury or can represent chondromalacia patellae (grade I).

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OSSEOUS STRUCTURES: There is no bone contusion. No fracture.

SOFT TISSUES: Mild subcutaneous edema is seen around the knee joint. Mild contusion / edema is seen in the infra-patellar fat pad.

IMPRESSION:

1. An intrasubstance signal in the posterior horn of medial meniscus, which may represent an intrasubstance tear.
2. Sprain of the anterior cruciate ligament.
3. ~~Mild synovial effusion.~~
4. The patellar cartilage is swollen and reveals hyperintense signal, without erosions of the underlying bone. This can be due to injury or can represent chondromalacia patellae (grade I). Clinical correlation is suggested.
5. Mild subcutaneous edema around the knee joint.
6. Mild contusion / edema in the infra-patellar fat pad.

Thank you for the courtesy of this referral.

Electronically Signed
Merhad Hagigi, MD, PHD
Board Certified Radiologist
Date: 9/9/2022