

COMPREHENSIVE MRI OF WHITE PLAINS

(Comprehensive MRI of New York, P.C.)

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www.comprehensivemriofwhiteplains.com**OSCAR ROA****N10098250-
WP****Report Date: 05/11/2022****DOB: 08/27/1969****Exam Date: 05/11/2022**

**AJIN MATHEW PA
1320 LOUIS NINE BLVD
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MAGNETIC RESONANCE IMAGING SCAN OF THE LEFT KNEE

TECHNIQUE: Multiplanar, multisequential MRI was performed in the recumbent position on a high-field 1.5 Tesla MRI.

HISTORY: The patient complains of bilateral knee pain, clicking and swelling.

INTERPRETATION: There is a subcortical fracture involving the anterior weightbearing margin of the lateral tibial plateau, without depression, with the fracture measuring approximately 1 cm in greatest dimension. Marrow edema is present associated with the fracture indicating a recent injury. There is a peripheral tear involving the body-posterior horn junction of the medial meniscus, extending focally to the capsular margin inferiorly, with adjacent obliquely-oriented component to the tear extending through the red-white zone at the peripheral third of the meniscus. There is signal alteration and thinning of the chondral surface at the lateral weightbearing surface of the medial femoral condyle. Strain of the medial collateral ligament at its anterior attachment site on the femur is present. There is anterior cruciate ligament inhomogeneity and sprain with pericruciate edema. There is a popliteal cyst tracking primarily superiorly from the joint line measuring approximately 6 cm. There is superficial chondral surface irregularity approximately 4 mm in transverse dimension extending slightly lateral from the midline ridge of the patella within the lateral patellar facet. There is a paucity of patellofemoral synovial fluid.

Osseous signal and morphology are, otherwise, unremarkable. The lateral meniscus, lateral collateral ligament, posterior cruciate ligament, quadriceps and patellar tendons are, otherwise, unremarkable.

IMPRESSION:

- Subcortical fracture involving the anterior weightbearing margin of the lateral tibial plateau, without depression, with the fracture measuring approximately 1 cm in greatest dimension. Marrow edema is present associated with the fracture indicating a recent injury.

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- Peripheral tear involving the body-posterior horn junction of the medial meniscus, extending focally to the capsular margin inferiorly, with adjacent obliquely-oriented component to the tear extending through the red-white zone at the peripheral third of the meniscus.
- Signal alteration and thinning of the chondral surface at the lateral weightbearing surface of the medial femoral condyle.
- Strain of the medial collateral ligament at its anterior attachment site on the femur is present.
- Anterior cruciate ligament inhomogeneity and sprain with pericruciate edema.
- Popliteal cyst tracking primarily superiorly from the joint line measuring approximately 6 cm.
- Superficial chondral surface irregularity approximately 4 mm in transverse dimension extending slightly lateral from the midline ridge of the patella within the lateral patellar facet.
- Paucity of patellofemoral synovial fluid.

Thank you for referring your patient to us for evaluation.

Sincerely,



Steven Winter, M.D.
Diplomate of the American Board of Radiology
Fellowship Trained in Musculoskeletal Radiology
SW/RM