

Final Report MRI OF LEFT KNEE WITHOUT CONTRAST

PROFESSIONAL INTERPRETATION BY: MARS HEALTHCARE, INC. TECHNICAL SERVICES PROVIDED BY: SOCAL IMAGING

PATIENT NAME: GARNER ANNETTE

D.O.B: Nov 15, 1959 **STUDY DATE:** Jul 16, 2020

REPORT DATE: Jul 17, 2020 13:46

PATIENT ID: RAM200809

REFERRING PHYSICIAN: GOFNUNG ERIC

APPROVED BY: DR AMJAD SAFVI **APPROVAL DATE:** Jul 17, 2020 13:46

PROFESSIONAL INTERPRETATION REPORT

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CLINICAL INFORMATION: None provided

COMPARISON: None.

TECHNIQUE: Multiplanar multiecho spin echoT1-weighted coronal, protondensity sagittal, gradient echo T2-weighted sagittal and axial and inversion recovery sagittal sequences were acquired through the left knee joint.

FINDINGS

Fluid:

Mild joint effusion noted.

Medial compartment:

Medial meniscus: There is intrameniscal hyperintensity with in the posterior horn of medial meniscus, not extending to superior and inferior articular margins suggestive of Grade II meniscal signal changes.

Medial collateral ligament: Intact

Medial femoral condyle and medial tibial plateau cartilages appear unremarkable.

Lateral compartment: Lateral meniscus: Intact



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Lateral collateral ligament complex: Intact

Lateral femoral condyle& lateral tibial condyle cartilages appear unremarkable.

There is minimal intrasubstance hyperintensity involving lateral patello-femoral ligament near its femoral attachment suggestive of sprain/degeneration.

Posterolateral corner:

Popliteus tendon, Popliteofibular ligament, Proximal tibiofibular jointappear unremarkable.

Anterior compartment:

Alignment:appear unremarkable.

Patellar tendon, petellar cartilage and retinacula appear unremarkable.

Trochlea: appear unremarkable.

Intercondylar compartment:

Anterior cruciate ligament: There is intrasubstance hyperintensity seen in anterior cruciate ligament suggestive of myxoid degeneration.

Posterior cruciate ligament: There is buckling of posterior cruciate ligament, however normal in signal intensity.

Bones

There is patchy confluent T1/T2 prolongation of altered marrow signal intensity involving lateral tibial plateau suggestive of marrow edema.

Degenerative narrowing with thinning of articular cartilages is seen at tibio-femoral joint.

Other bones in view appear unremarkable.

Muscles, vessels and nerves: appear unremarkable.



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IMPRESSION:

- 1.Mild joint effusion.
- 2.Intrameniscal hyperintensity with in the posterior horn of medial meniscus, not extending to superior and inferior articular margins suggestive of Grade II meniscal signal changes.
- 3. Minimal intrasubstance hyperintensity involving lateral patello-femoral ligament near its femoral attachment suggestive of sprain/degeneration.
- 4.Intrasubstance hyperintensity in anterior cruciate ligament suggestive of myxoid degeneration.
- 5.Patchy confluent T1/T2 prolongation of altered marrow signal intensity involving lateral tibial plateau suggestive of marrow edema.
- 6.Degenerative narrowing with thinning of articular cartilages at tibio-femoral joint.

Thank you, for this referral.

Thank you for referring this patient.

Approved and electronically signed by me on the approved date below.

DR AMJAD SAFVI Jul 17, 2020 13:46



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