

Patient Name	: Ms.MAHIMA DWIVEDI	Visit No	: CHA250043721
Age/Gender	: 19 Y/F	Registration ON	: 11/Mar/2025 11:23AM
Lab No	: 10141016	Sample Collected ON	: 11/Mar/2025 11:23AM
Referred By	: Dr.ESIC HOSPITAL LUCKNOW	Sample Received ON	:
Refer Lab/Hosp	: ESIC HOSPITAL LUCKNOW	Report Generated ON	: 11/Mar/2025 06:30PM

MRI: LEFT KNEE JOINT

IMAGING SEQUENCES (NCMR)

AXIAL: PD FS Wis. **SAGITTAL:** T1, T2, PD FS, GRE Wis. **CORONAL:** PD FS & GRE Wis.

Clinical profile: Follow up operated case of trauma knee joint with anterior cruciate ligament reconstruction.

Post operative changes are seen with normal tunnel position (tibial tunnel is seen just posterior to the intercondylar roof line) and bone plug integrity.

Intra-articular part of anterior cruciate ligament graft is showing diffuse PD hyperintensity & irregularity with discontinuity of fibers – suggestive of complete tear. Posterior cruciate ligament is buckled, however shows normal signal intensity.

Mild joint effusion is noted in tibio-femoral & patello-femoral compartment with suprapatellar extension.

Small irregular T2 hypointense areas of fibrosis are seen in posterior aspect of infrapatellar fat pad which is extending upto the intercondylar region abutting the anterior cruciate graft — suggestive of arthrofibrosis.

Posterior horn & body of medial meniscus is displaying complex linear area of intermediate signal intensity, which is extending upto the femoral and tibial articular surfaces — suggestive of grade-III tear.

Posterior horn of lateral meniscus is displaying linear area of intermediate signal intensity, which is just extending upto the tibial articular surfaces — suggestive of grade-III tear.

Medial collateral and lateral collateral ligaments are normal in morphology, signal intensity and outline.



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Femorotibial, patellofemoral and tibio-fibular bony alignment are normal. Rest of the visualized bones are showing normal articulation, alignment, cortical outline and bone marrow signal intensity. Quadriceps tendon and patellar ligament are normal.

Periarticular musculotendinous attachments and vascular flow voids are unremarkable.

IMPRESSION:

- **Complete tear of anterior cruciate ligament graft.**
- **Grade-III tear of posterior horn of medial and lateral menisci.**
- **Mild knee joint effusion.**

Please correlate clinically.

**DR. RAVENDRA SINGH
MD**

Typed by Ranjeet

*** End Of Report ***

CHARAK

