

Patient Name	: Ms. SEEMA MAURYA	Visit No	: CHA250041819
Age/Gender	: 54 Y/F	Registration ON	: 08/Mar/2025 12:40PM
Lab No	: 10139114	Sample Collected ON	: 08/Mar/2025 12:40PM
Referred By	: Dr. NIRUPAM PRAKASH	Sample Received ON	:
Refer Lab/Hosp	: CGHS (DEBIT)	Report Generated ON	: 08/Mar/2025 07:56PM

MRI: LEFT KNEE JOINT

IMAGING SEQUENCES (NCMR)

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

Mild synovial effusion is seen in patello-femoral compartments with extension in suprapatellar bursa.

Tibial spines are prominent with multiple large osteophytic spur formation seen at tibio-femoral and patellar margins. Joint spaces (predominantly medial tibio-femoral) are reduced with thinning of articular cartilages. Subchondral bone marrow edema is seen in medial tibio-femoral condyles.

Posterior horn & body of lateral meniscus is displaying globoid area of intermediate signal intensity, which is extending upto articular surface - suggestive of grade III degeneration.

Anterior horn of lateral meniscus is displaying linear area of intermediate signal intensity, which is not extending upto articular surface - suggestive of grade II meniscal degeneration.

Posterior horn of medial meniscus is displaying linear area of intermediate signal intensity, which is not extending upto articular surface - suggestive of grade II meniscal degeneration.

Posterior root of medial meniscus is showing irregularity & PD hyperintensity extending upto the articular surface.

Anterior cruciate ligament shows T2/PD hyperintensity & irregularity with discontinuity of fibers – high grade partial tear. Posterior cruciate ligament is buckled, however shows normal signal intensity.

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



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Femorotibial, patellofemoral & tibio-fibular bony alignment are normal. Rest of 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:

- **Bony degenerative changes with mild synovial effusion.**
- **High grade partial tear of anterior cruciate ligament.**
- **Grade-III degeneration of posterior horn & body of lateral meniscus.**
- **Grade II degeneration of anterior horn of lateral & posterior horn of medial meniscus.**
- **Tear of posterior root of medial meniscus.**

Please correlate clinically.

**DR. RAVENDRA SINGH
MD**

Typed by Ranjeet

*** End Of Report ***

CHARAK

