

Patient ID.	58048	Name	AVINASH DUBEY	Sex/Age	31y / M
Date	26-03-2024 12:44 PM	Ref by	DR. SUDHIR TIWARI	RT KNEE	

### MRI OF KNEE JOINT

**Protocol:** Multiplanar multiecho MRI of the knee joint has been performed, MR Scanner, using dedicated surface coil and small FOV.

### Observations:

**Lateral Meniscus** : Ill-defined hyperintense signal is seen in posterior horn extending into body and not reaching up to articular surface. It involves peripheral fibers. Anterior horn appears normal.

**Medial Meniscus** : Ill-defined hyperintense signal is seen in posterior horn extending into body and not reaching up to articular surface. It involves peripheral fibers. Anterior horn appears normal.

### **Anterior Cruciate**

**Ligament** : Appears uniform in outline and do not display any focal signal abnormality.

### **Posterior Cruciate**

**Ligament** : Appears uniform in outline and do not display any focal signal abnormality.

**Collateral Ligaments** : appears uniform in outline and do not display any focal signal abnormality.

### **Bones/ marrow, articular**

**NOT FOR MEDICO LEGAL PURPOSE**

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**Cartilage** : bones show normal marrow signal intensity with intact subchondral bone .Cartilage appears normal in morphology and signal intensity

**Tendons** : Quadriceps and patellar tendons are normal in the thickness & signal intensity.

#### Periarticular

**Soft tissue** : Medial and lateral retinaculi show normal thickness and signal intensity. Posterolateral and posteromedial corner soft tissue structures are normal. Neurovascular bundle appears normal.

**Joint effusion** : There is mild joint effusion extending into suprapatellar and bilateral parafemoral recesses.

#### Conclusion: MRI of knee shows:

- Grade II signal in posterior horn and body of both menisci ( medial > lateral )
- Mild joint effusion.



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