

*Name: Mohannad Mohamed Emam*  
*Referred by: Prof. Hassan Fares Mahmoud*

*ID: 3939674*  
*Date: 19/02/2025*

**OPEN (1.0 TESLA)**  
**MRI OF THE RIGHT KNEE**

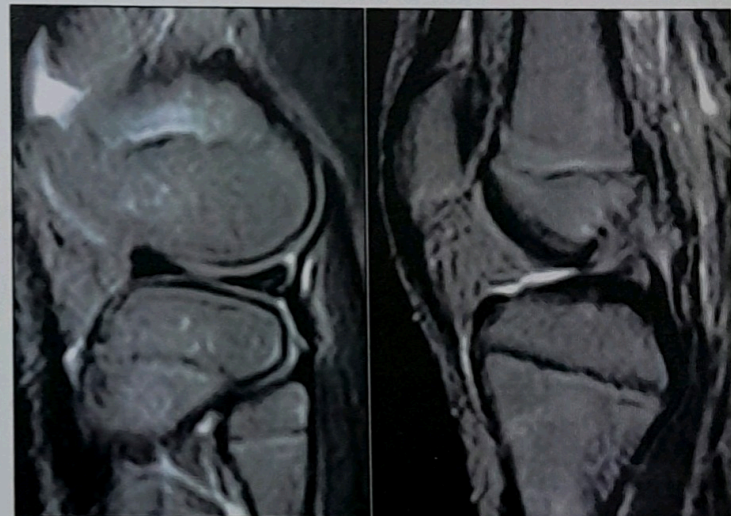
**MRI TECHNIQUE:**

- Sagittal T1, Pd and STIR WI (plates 1, 2 & 3).
- Axial T2 WI (plate 4).
- Coronal STIR images (plate 5).

**MRI FINDINGS:**

**\*\*Reported history of trauma,**

- The anterior cruciate ligament showing fuzzy outlines and increased intrasubstance signal interrupting its mid fibers with sagging of its distal fibers over the tibial plateau.
- The posterior horn of the medial meniscus showing increased intrasubstance signal is seen signal reaching the meniscocapsular attachment and abutting its inferior articular surface.
- The posterior horn of the lateral meniscus shows increased intrasubstance signal is seen interrupting the inferior articular surface.
- Normal appearance of the posterior cruciate, collateral, retinacular and patellar ligaments.
- Mild knee joint effusion.
- No marrow infiltrative lesions.







S C A N

- Normal appearance of the muscles around the knee with preserved intermuscular fat planes.

**OPINION:**

- Anterior cruciate ligament tear.
- Grade II degeneration of the posterior horn medial meniscus mounting to small inferior articular surface tear.
- Torn posterior horn of the lateral meniscus.
- Mild joint effusion.

*Dr. Amir Elhamy, MD*

*Dr. Amira Abdel Fattah*



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A MEMBER OF ALFA MEDICAL GROUP

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