

MICOD – 28.09.2023

Case Courtesy: Dr. Uma Maheshwara Reddy V

MI-COD

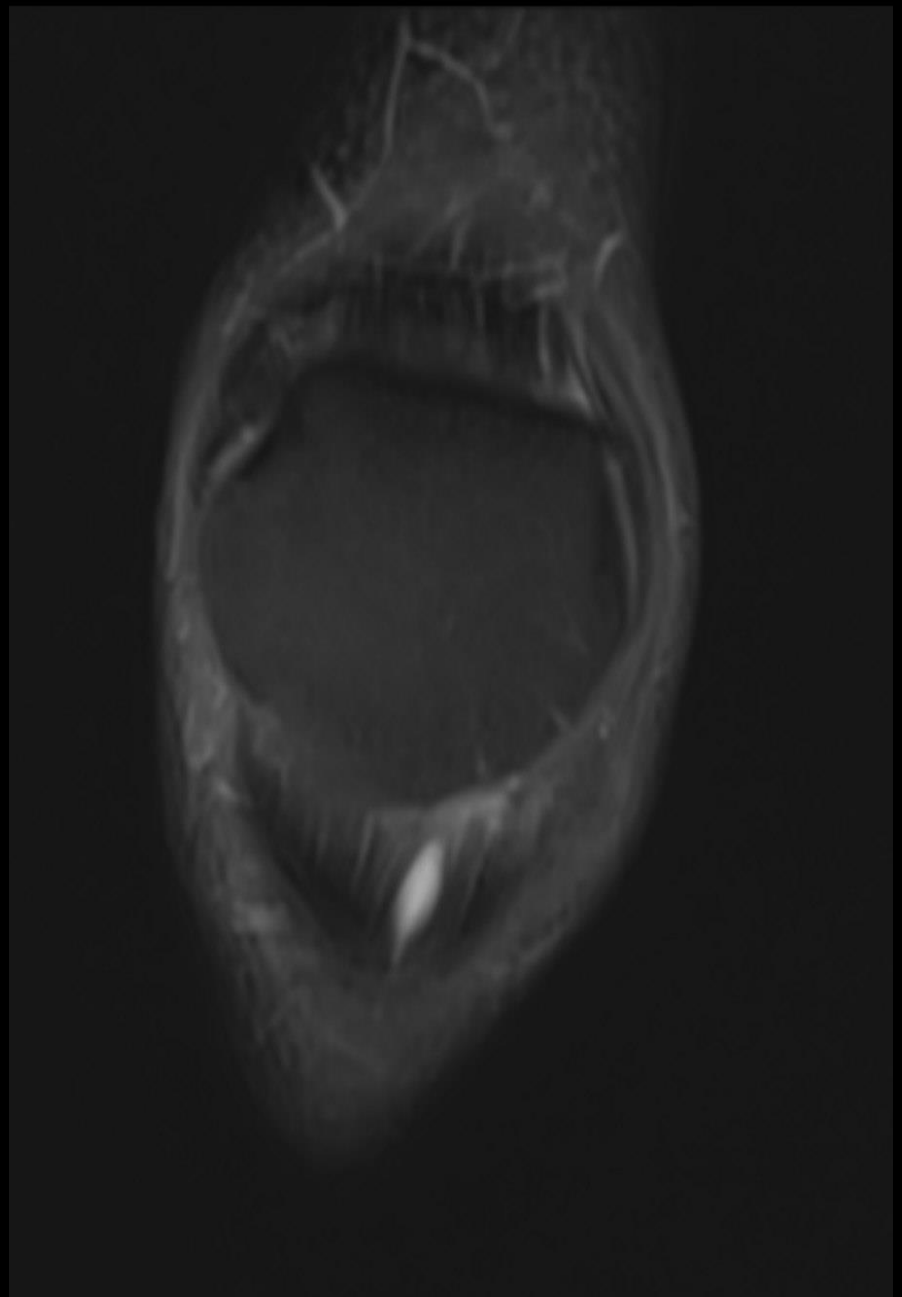
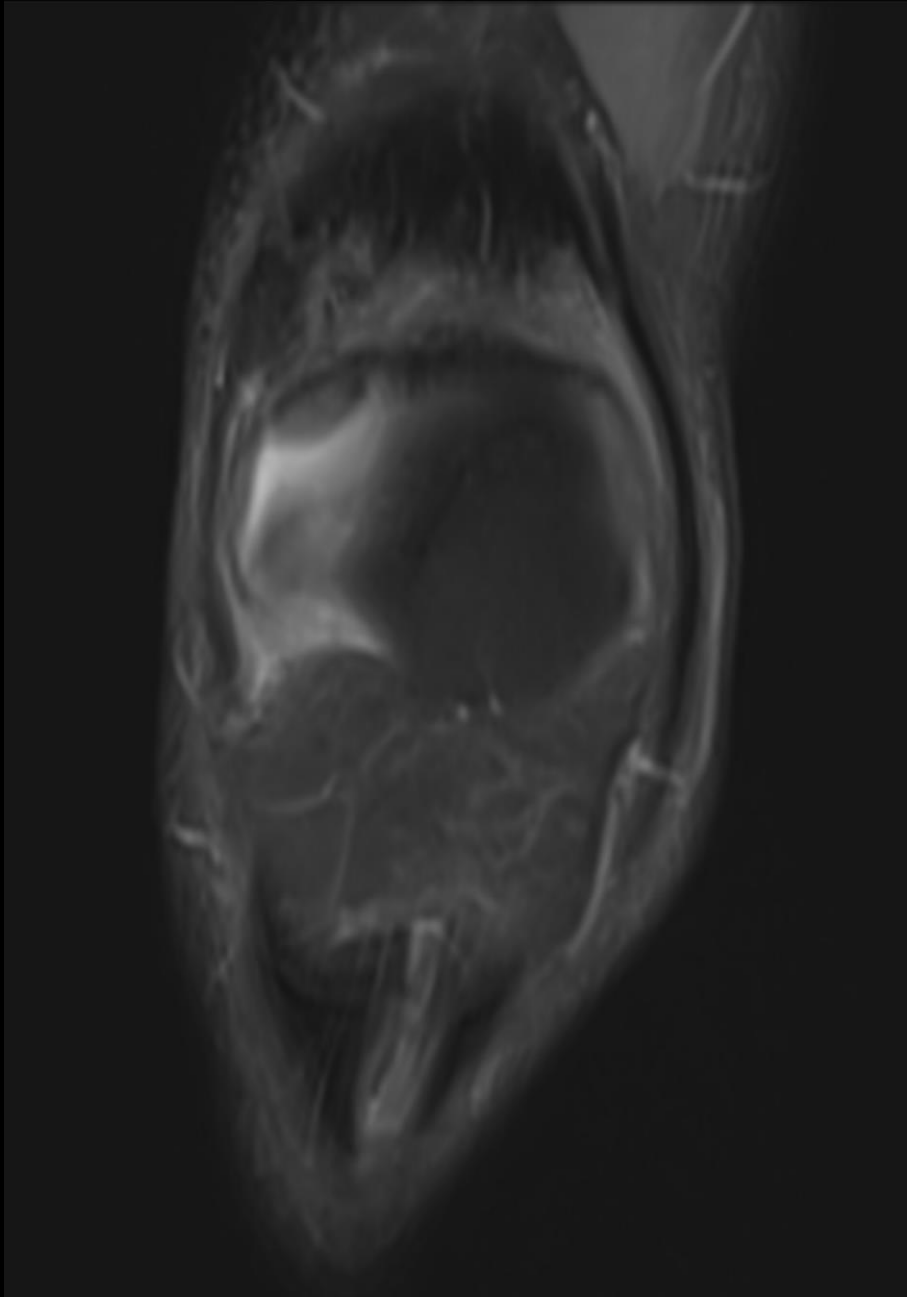
MSS INDIA- Case Of the Day

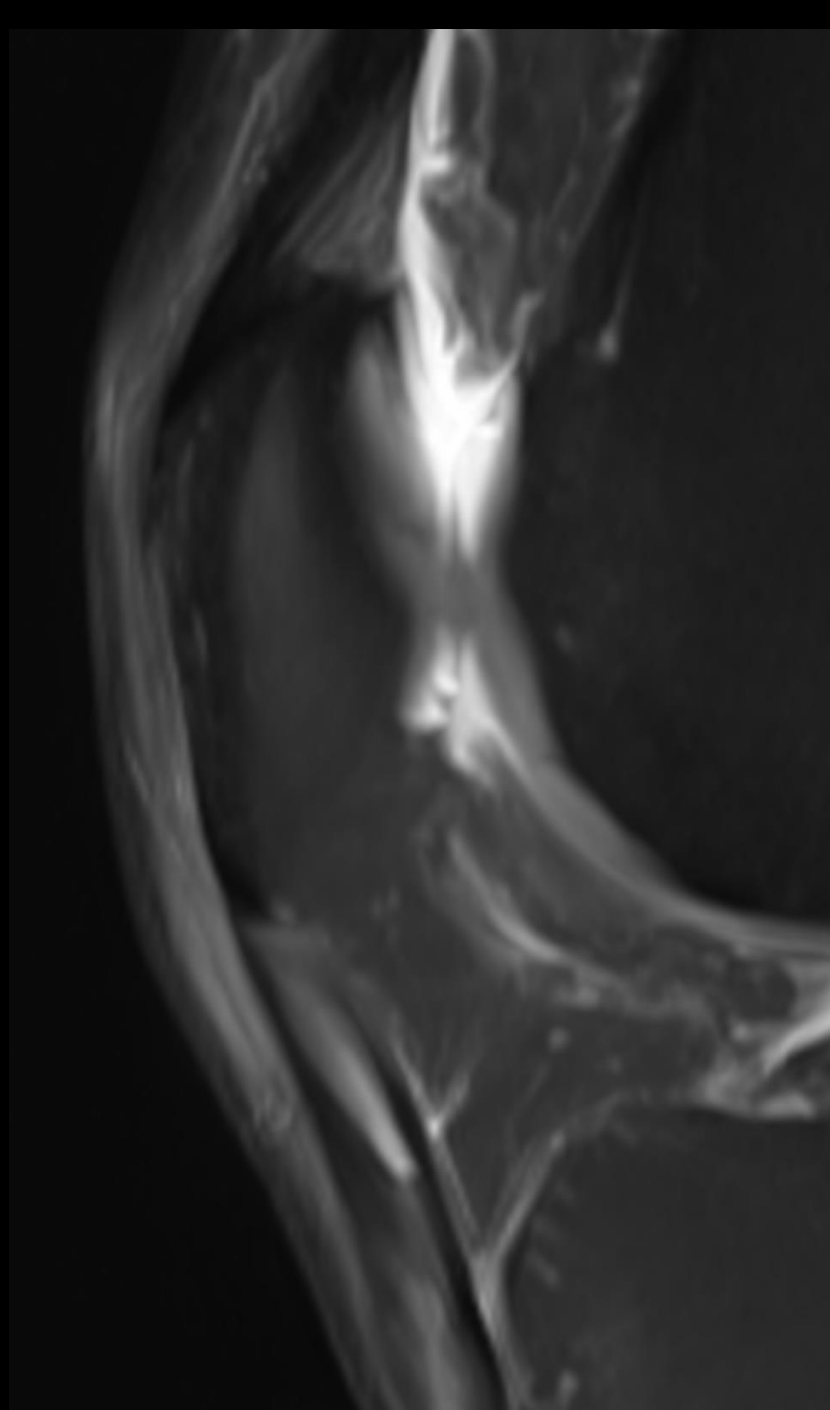
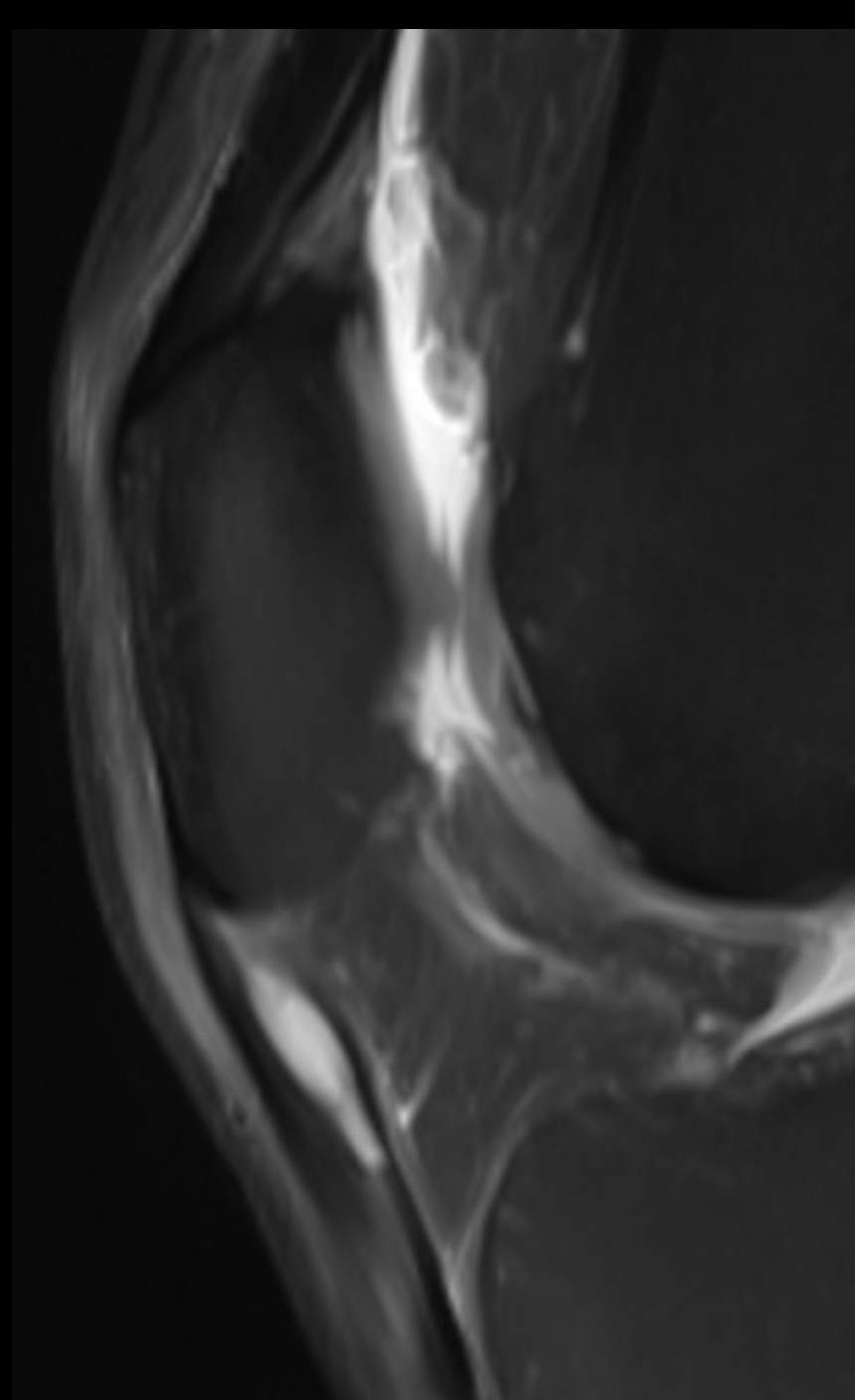
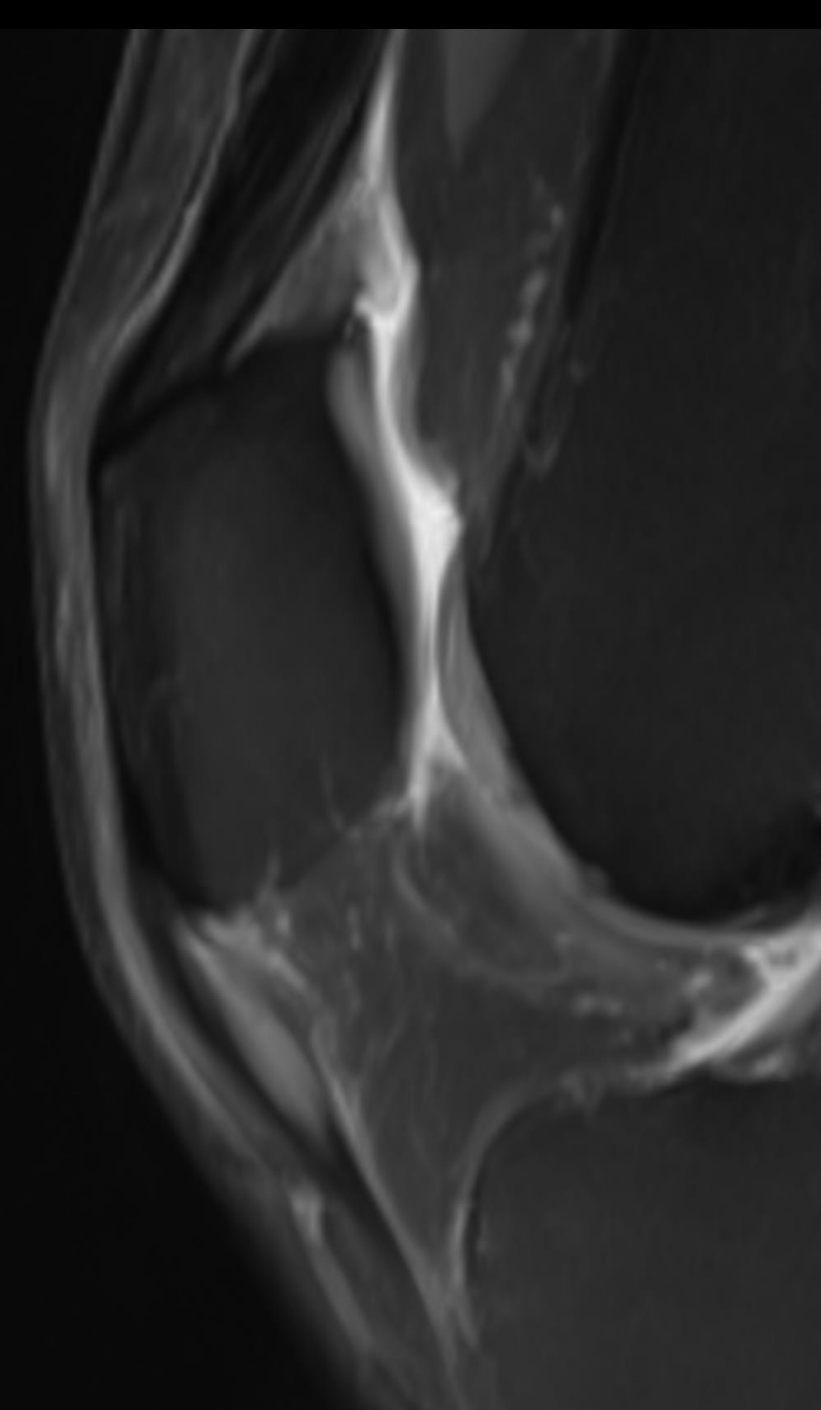


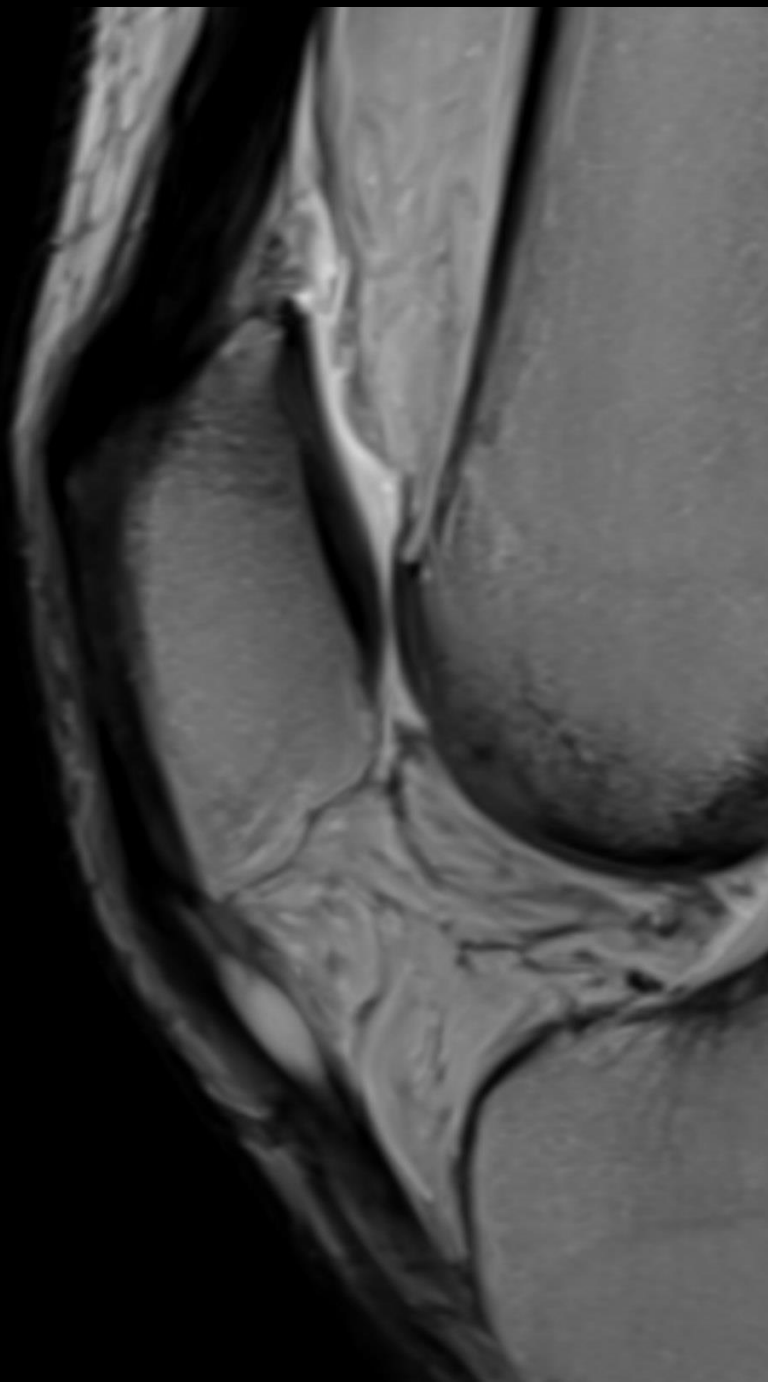
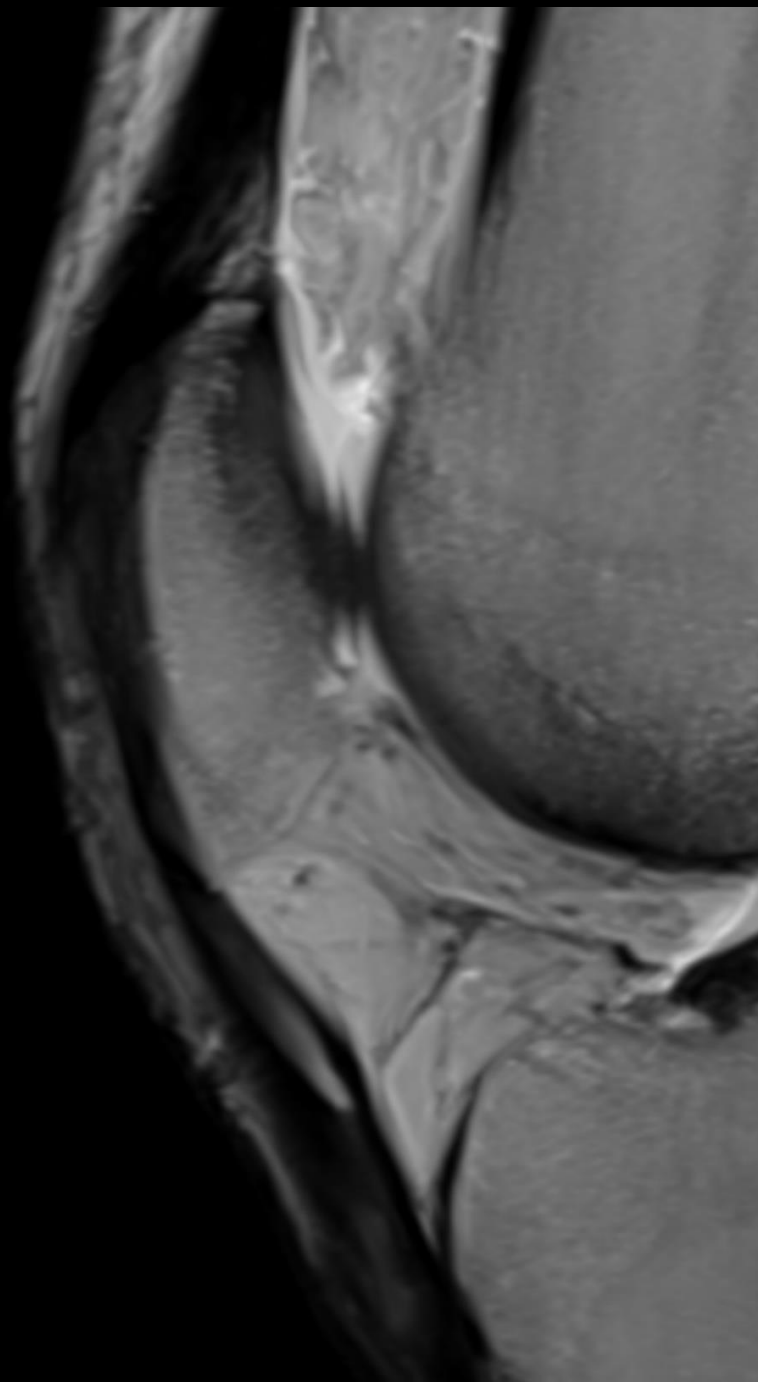
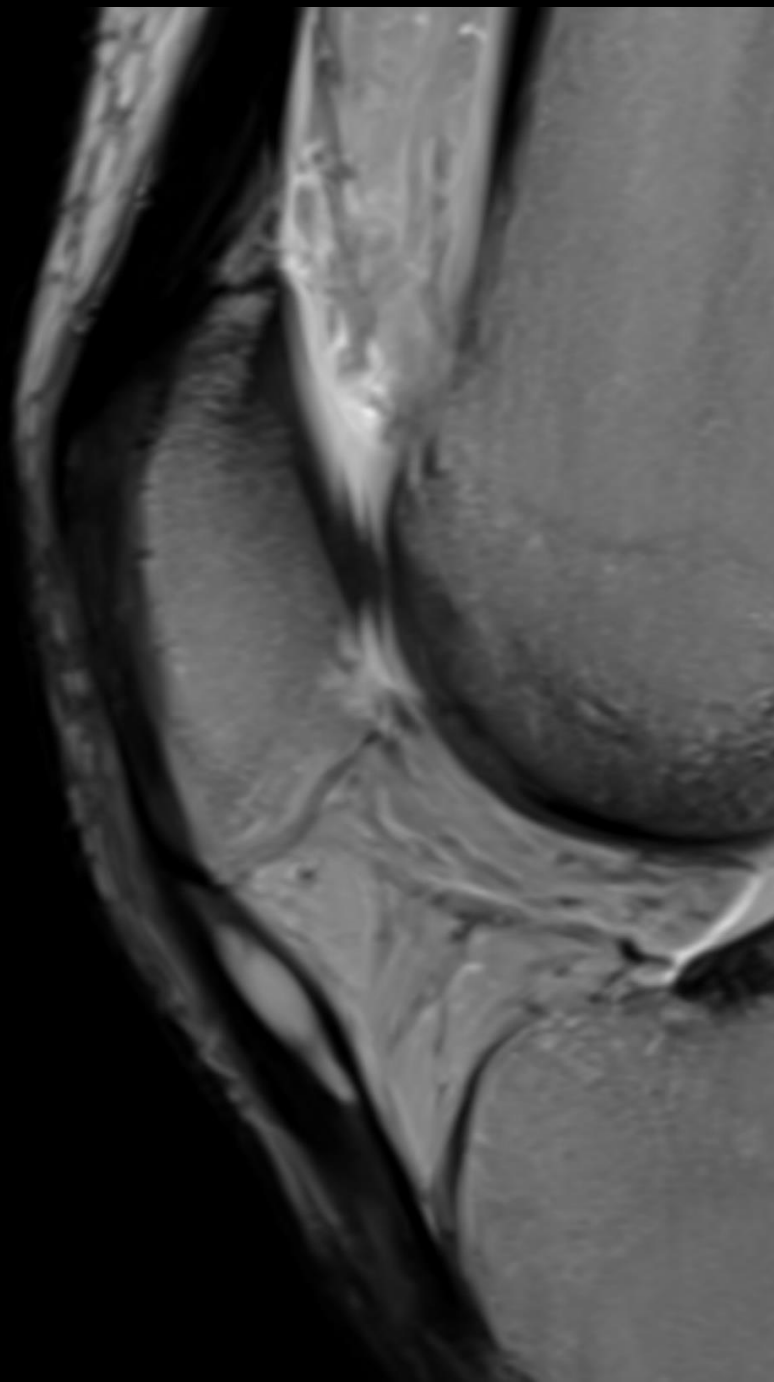
Clinical History

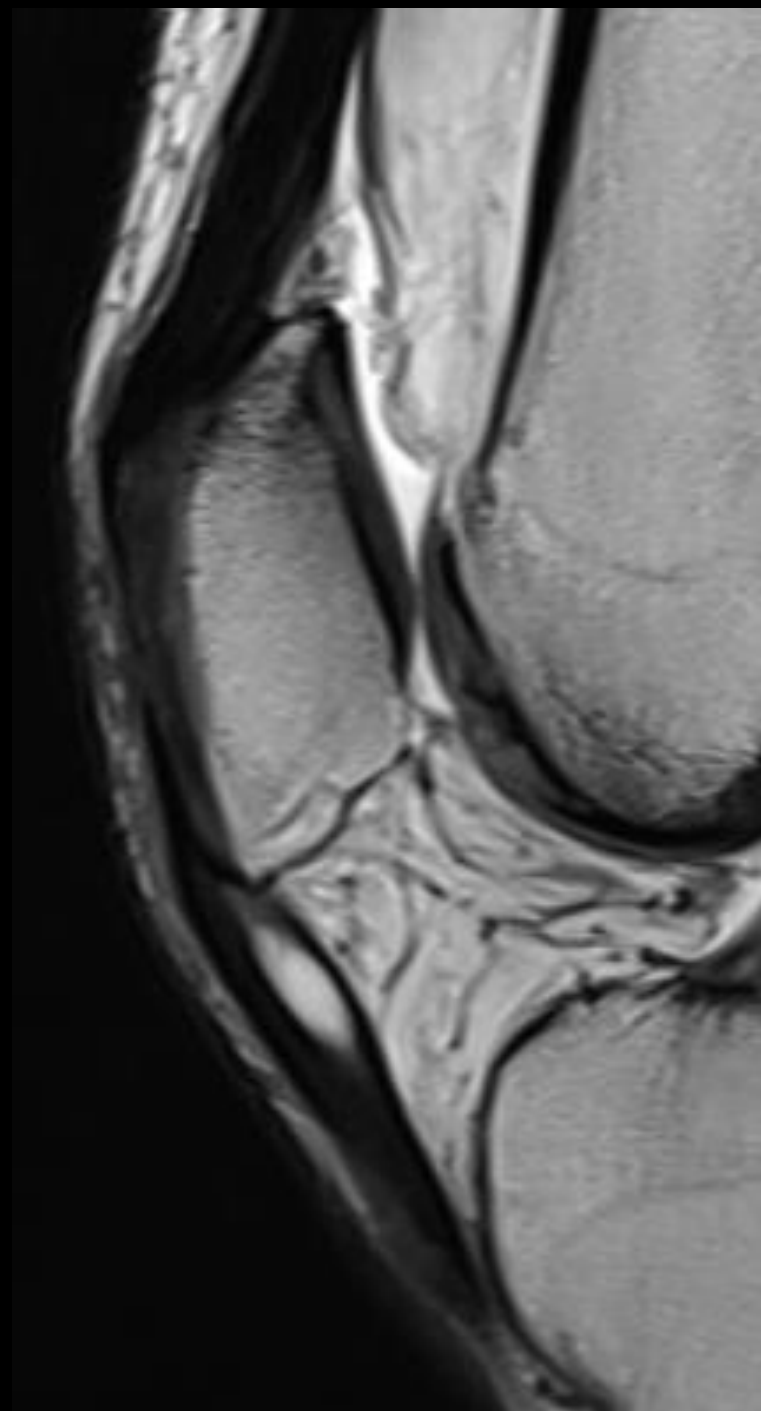
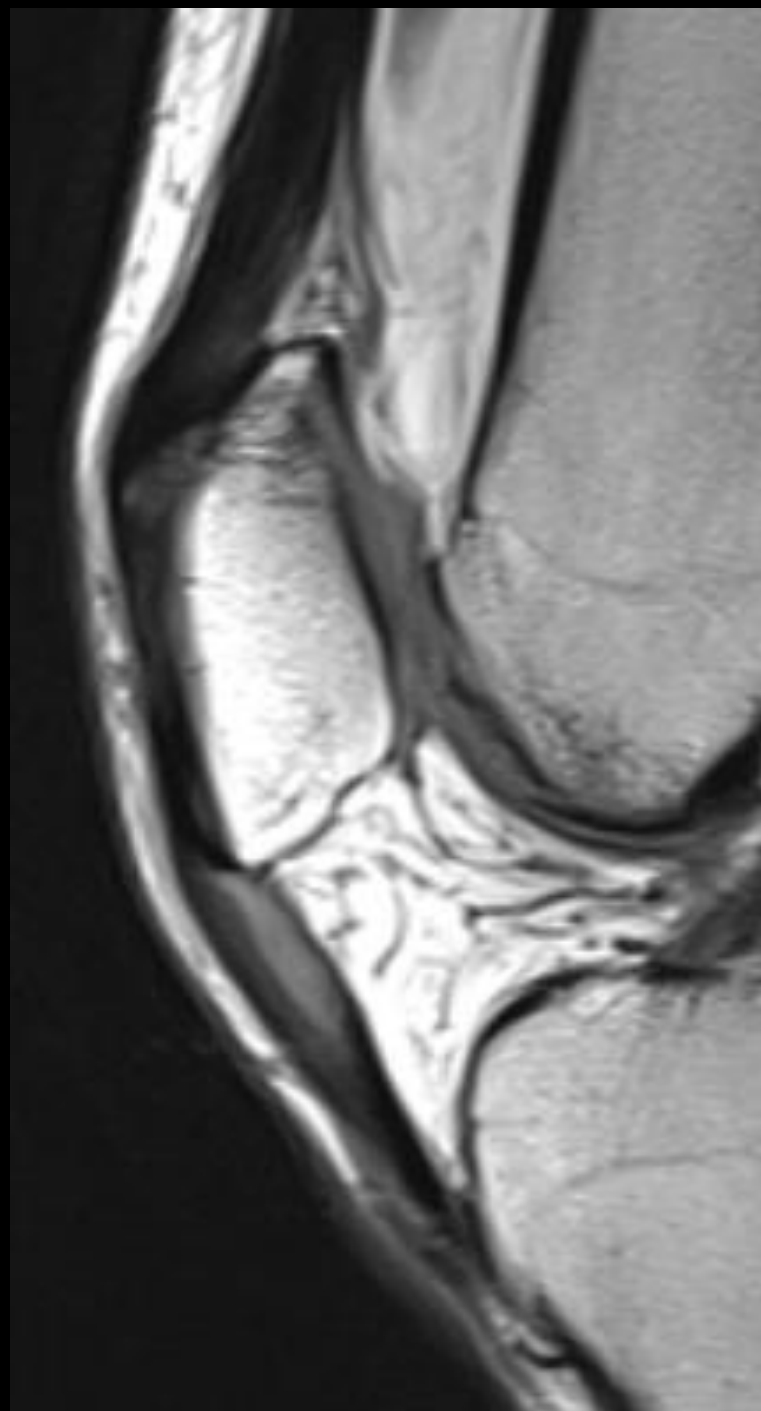
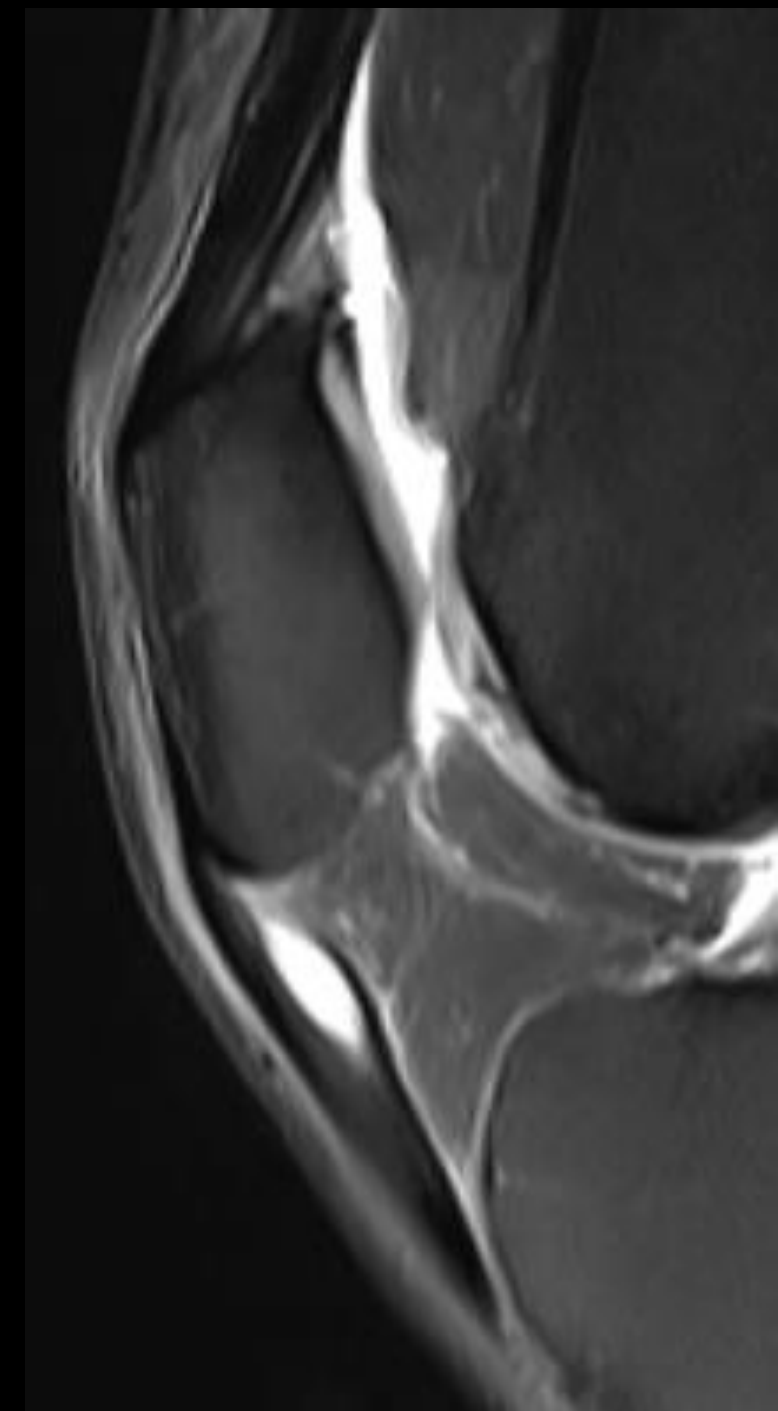
- A young adult athlete who has been consistently engaging in strenuous gym workouts has recently presented with persistent pain in right knee.

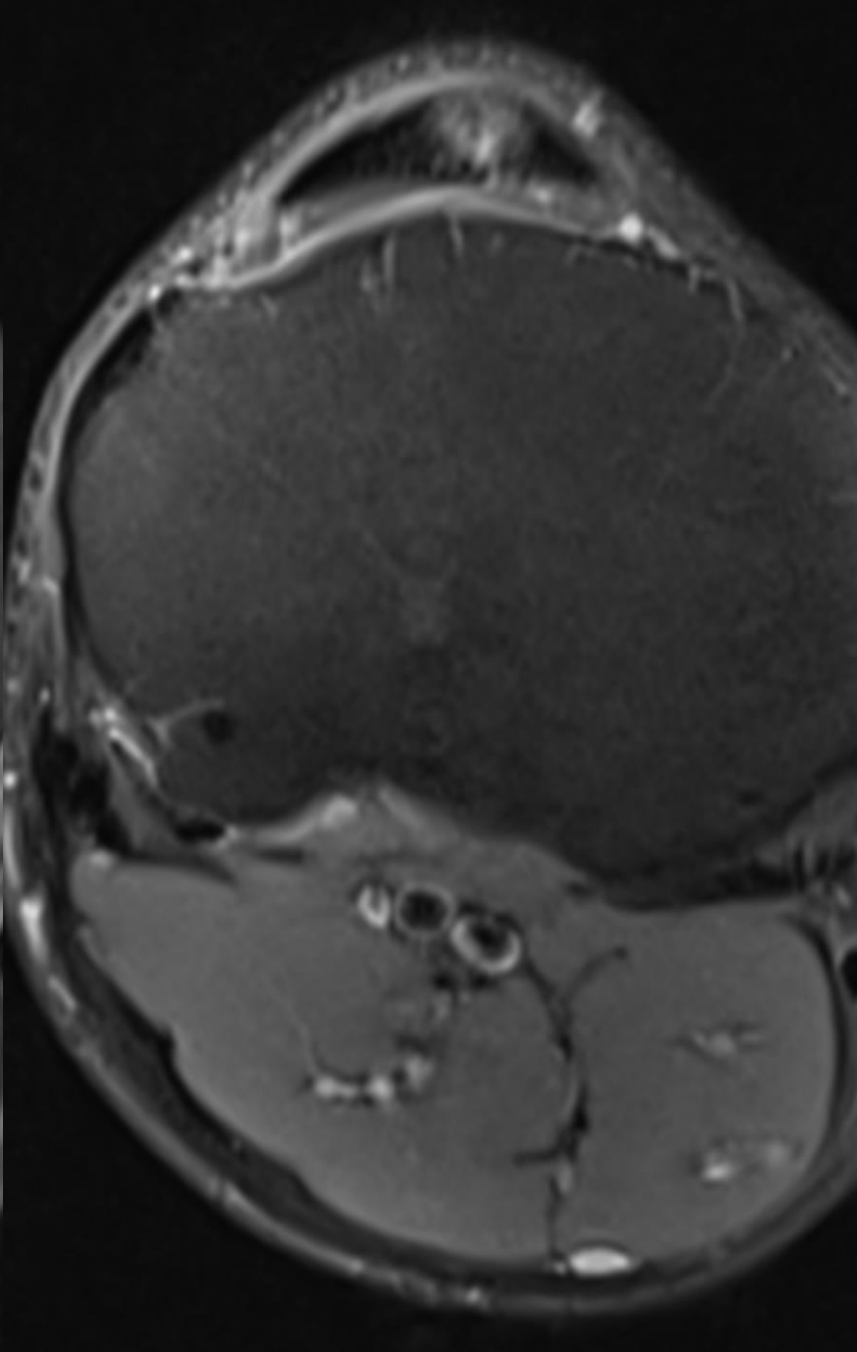
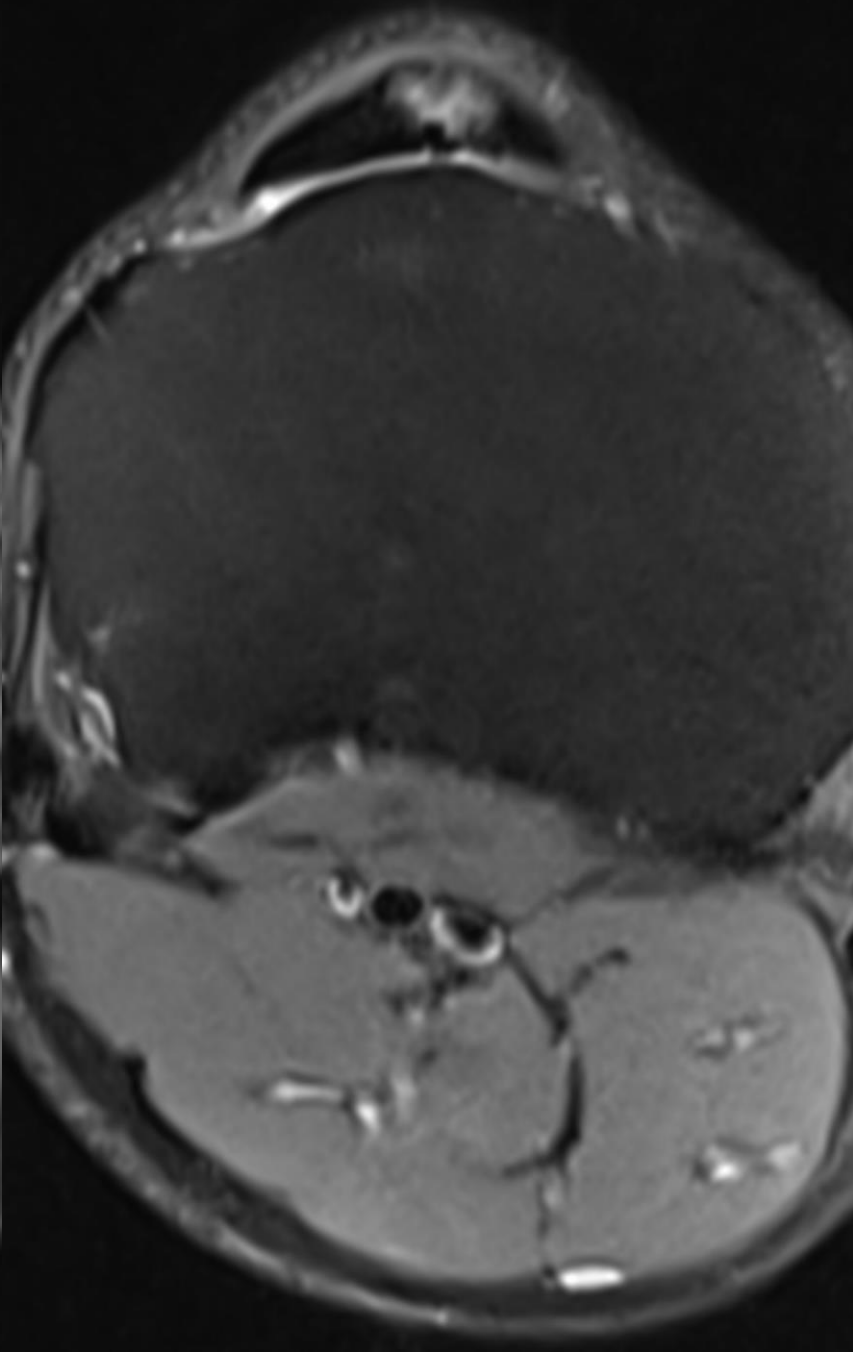
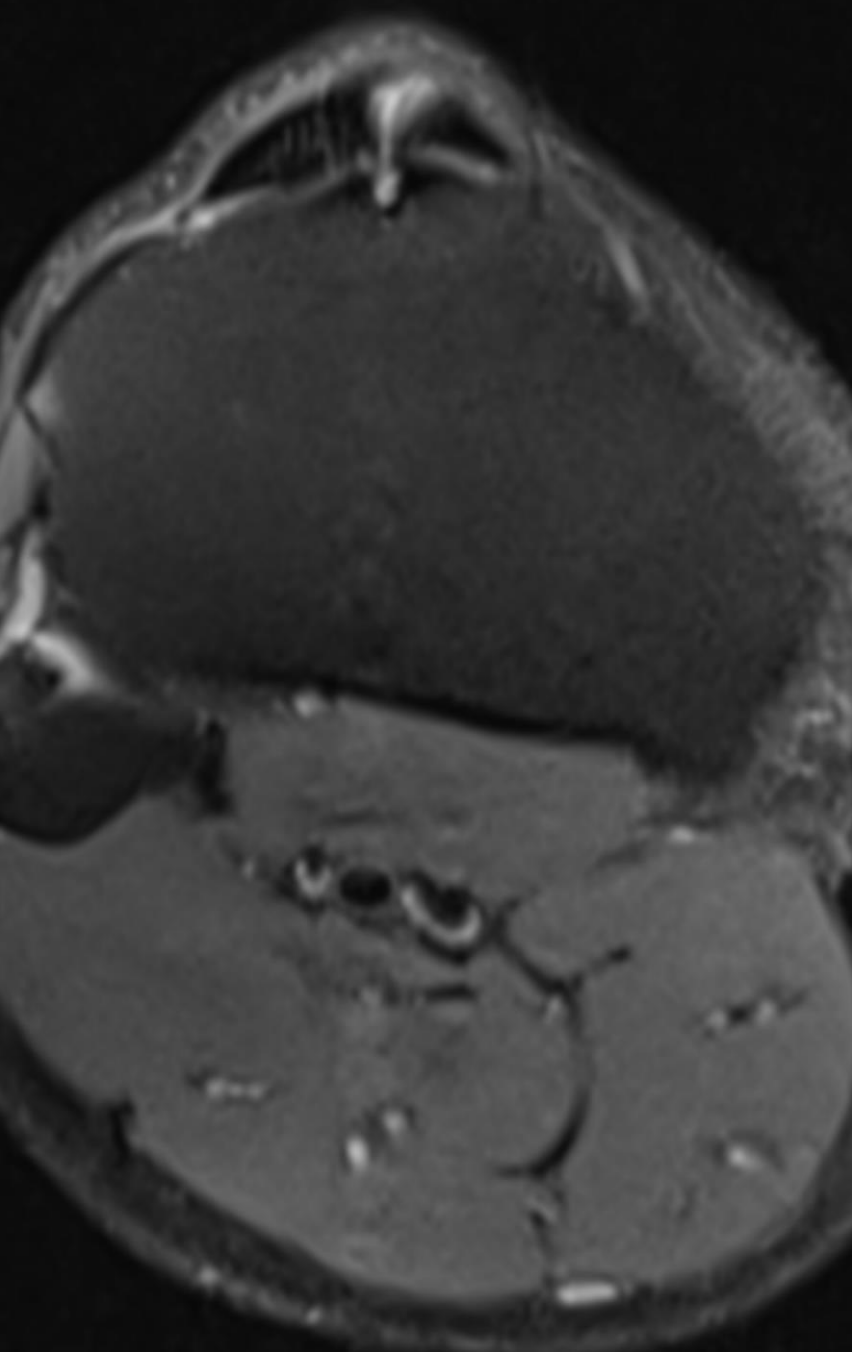
- In view of the above clinical findings, the patient was subjected to MRI Knee











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1. What are the MRI findings?
 2. What is the Diagnosis?
 3. What is the treatment option?
 4. Can these recur after treatment?

Answers

- A well-defined, ovoid, or round hyperintense on T2-weighted images and hypointense on T1-weighted images within the patellar tendon.
- Intratendinous Ganglionic cyst of the patellar tendon with partial tear of patellar tendon.
- Treatment options may include aspiration followed by steroid injection if symptomatic.
- Yes

Discussion

- Intratendinous ganglionic cysts in the patellar tendon are **exceptionally rare** and incidence is not well-documented in medical literature.
- Possible links between these cysts and conditions like **Osgood-Schlatter disease** and **lateral femoral friction syndrome** exist but lack extensive evidence.
- Ultrasound and MRI can help visualize these cysts, but cases within the patellar tendon are rarely reported in medical literature.
- Treatment may involve draining the cyst through **aspiration** and injecting **steroids** to reduce inflammation, but its effectiveness varies by case.
- Due to their rarity, the management of these cysts remains a topic of ongoing medical exploration.