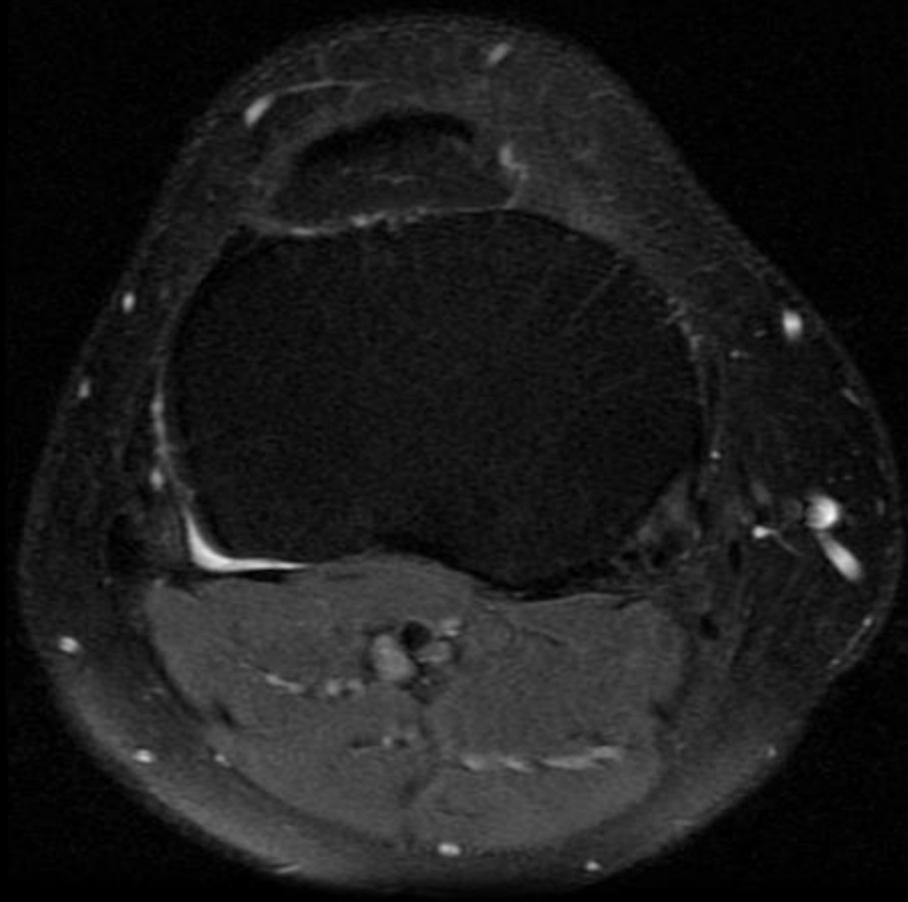
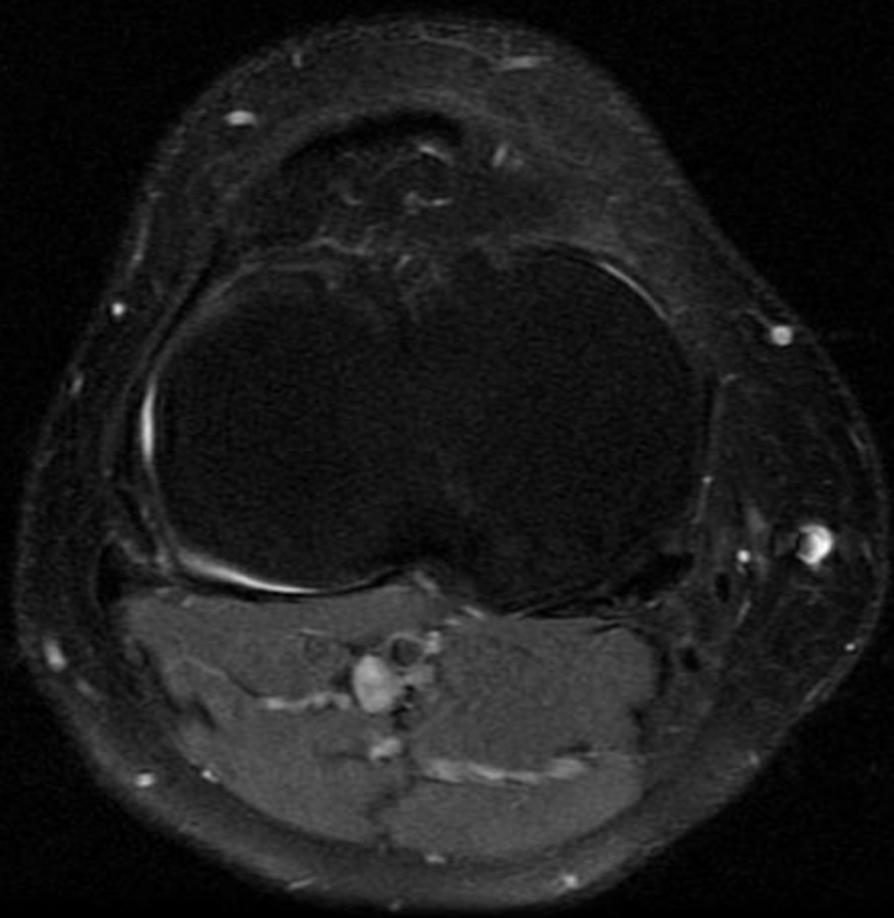


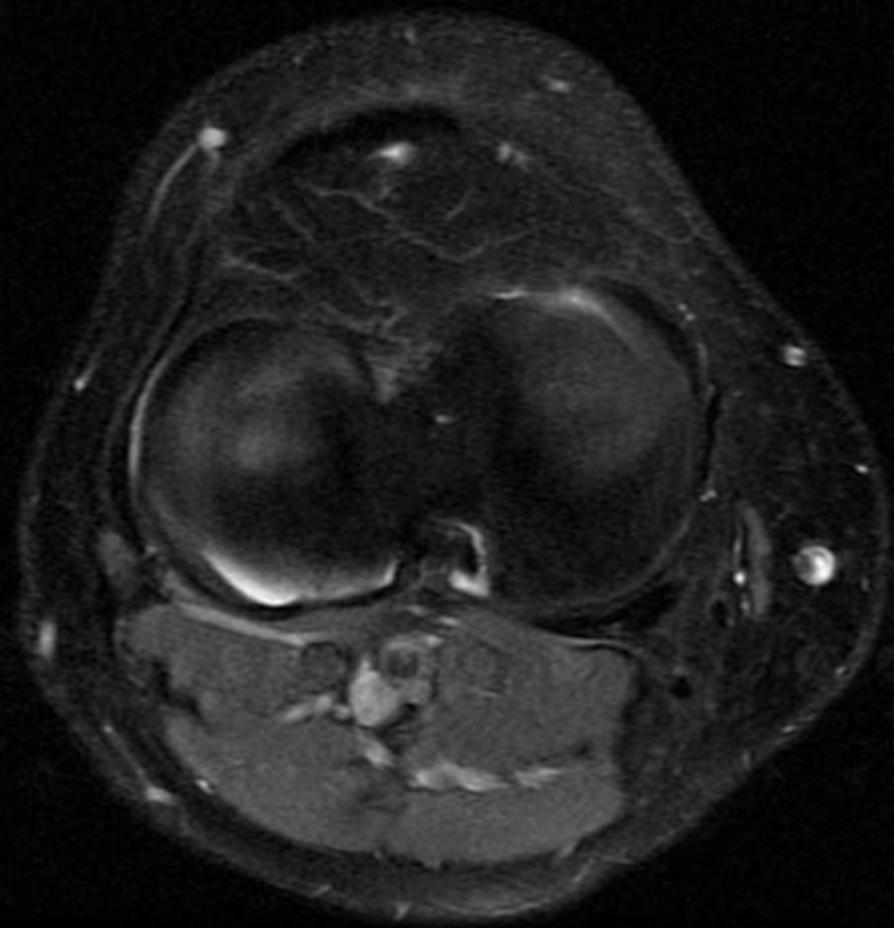


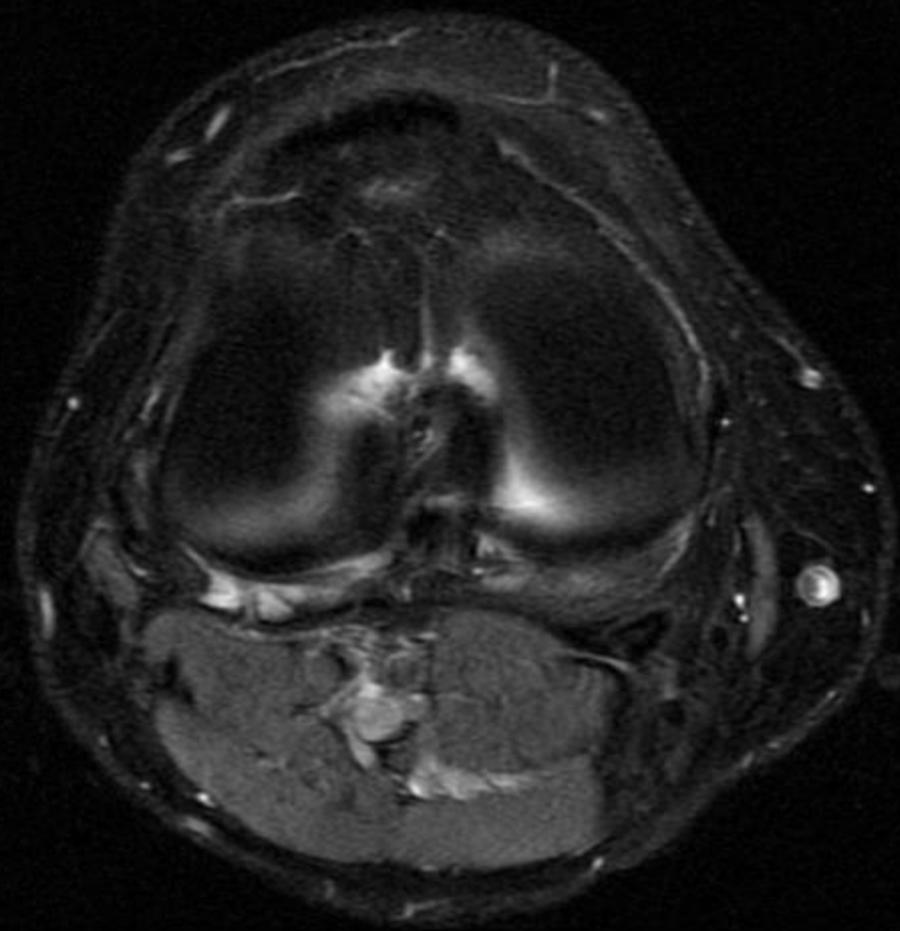
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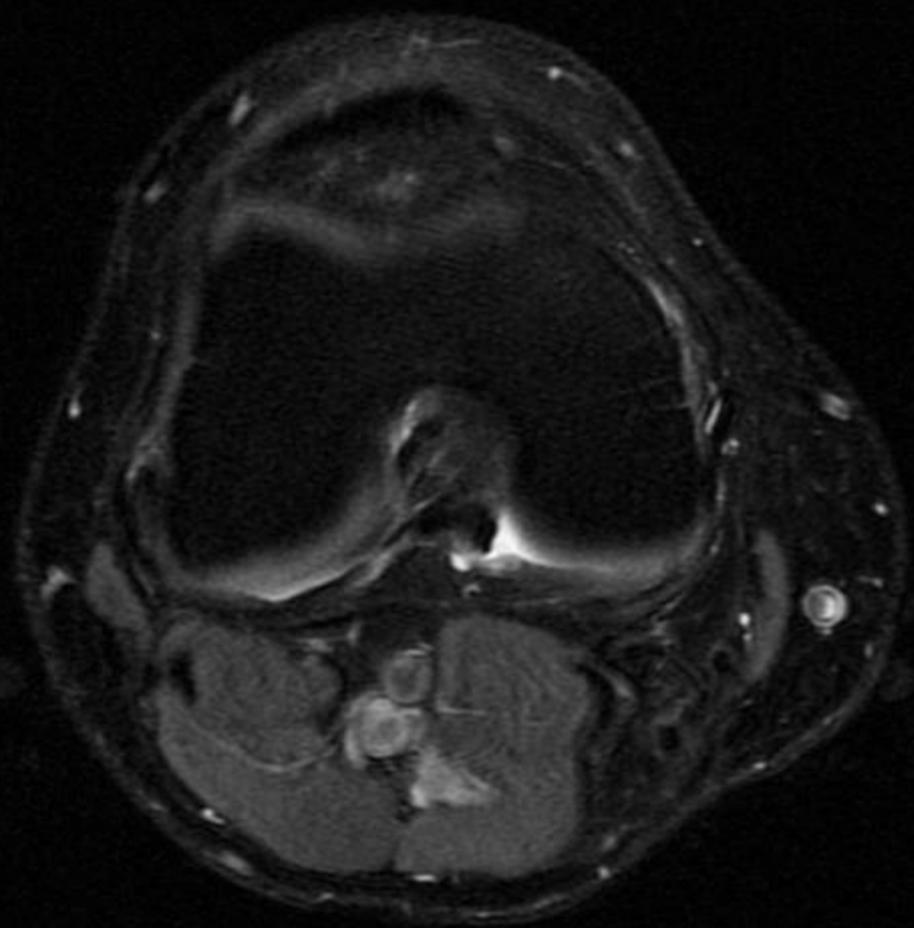
Amol Patil, MD.

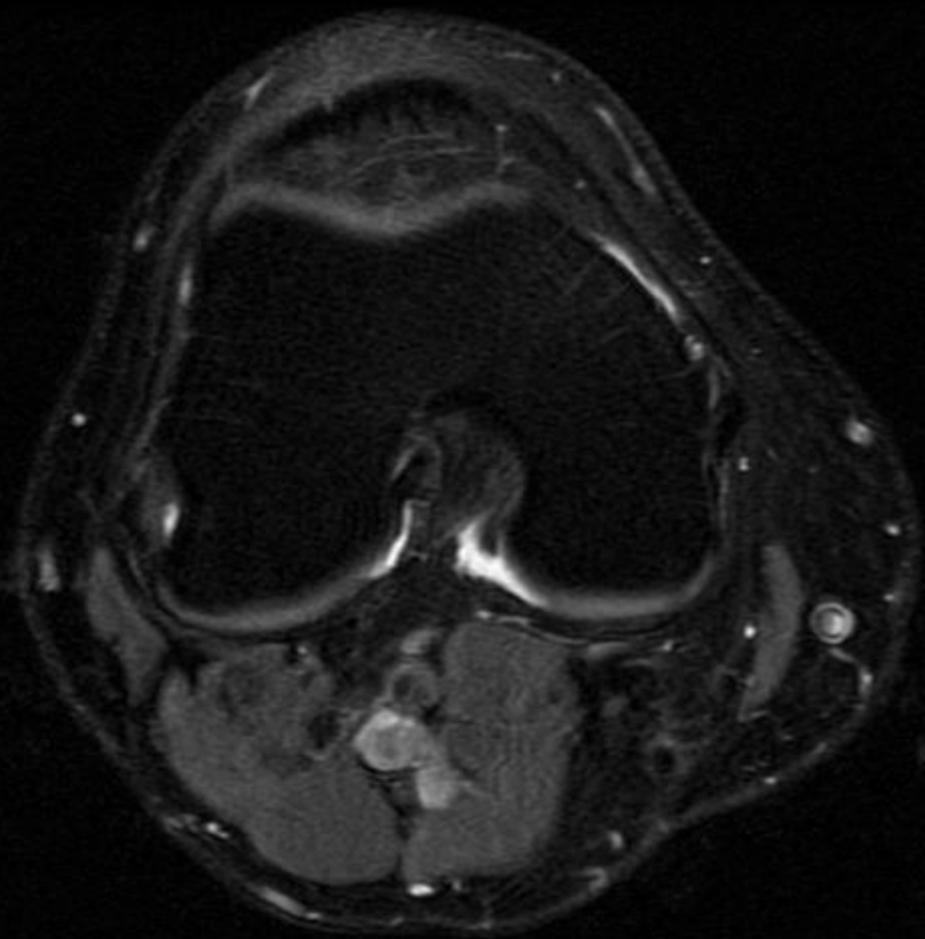


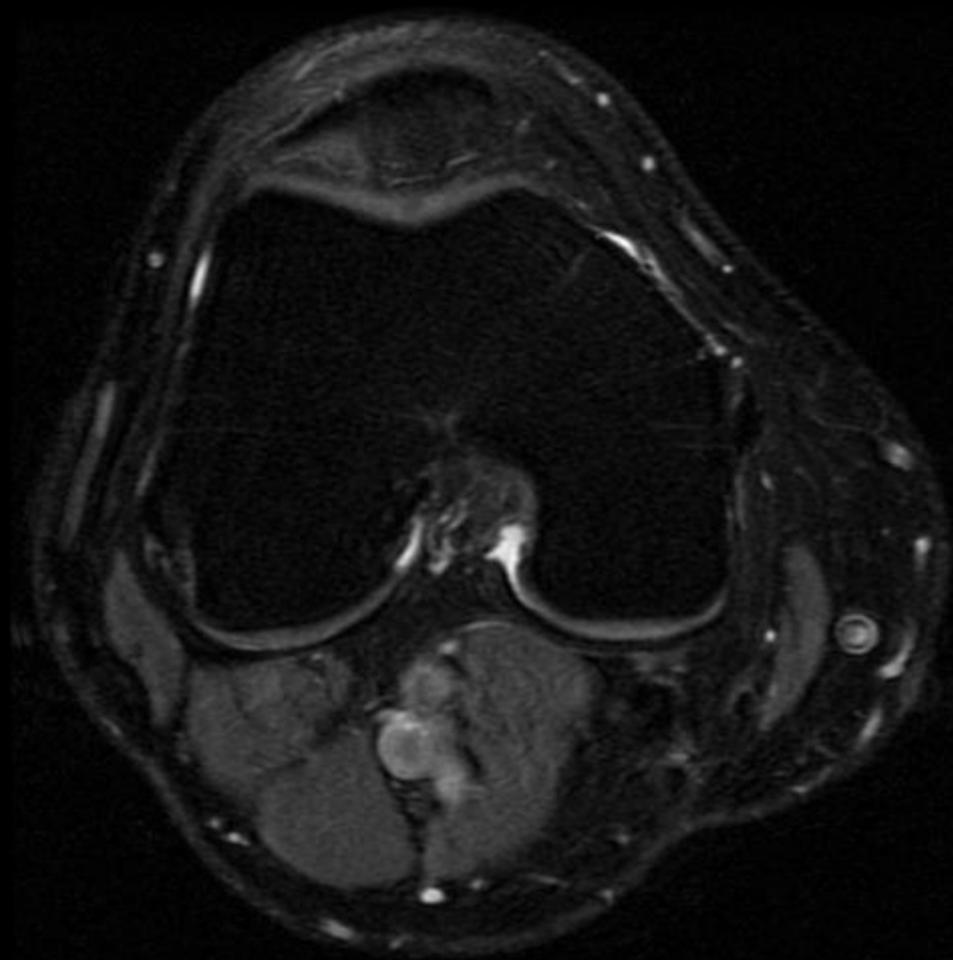


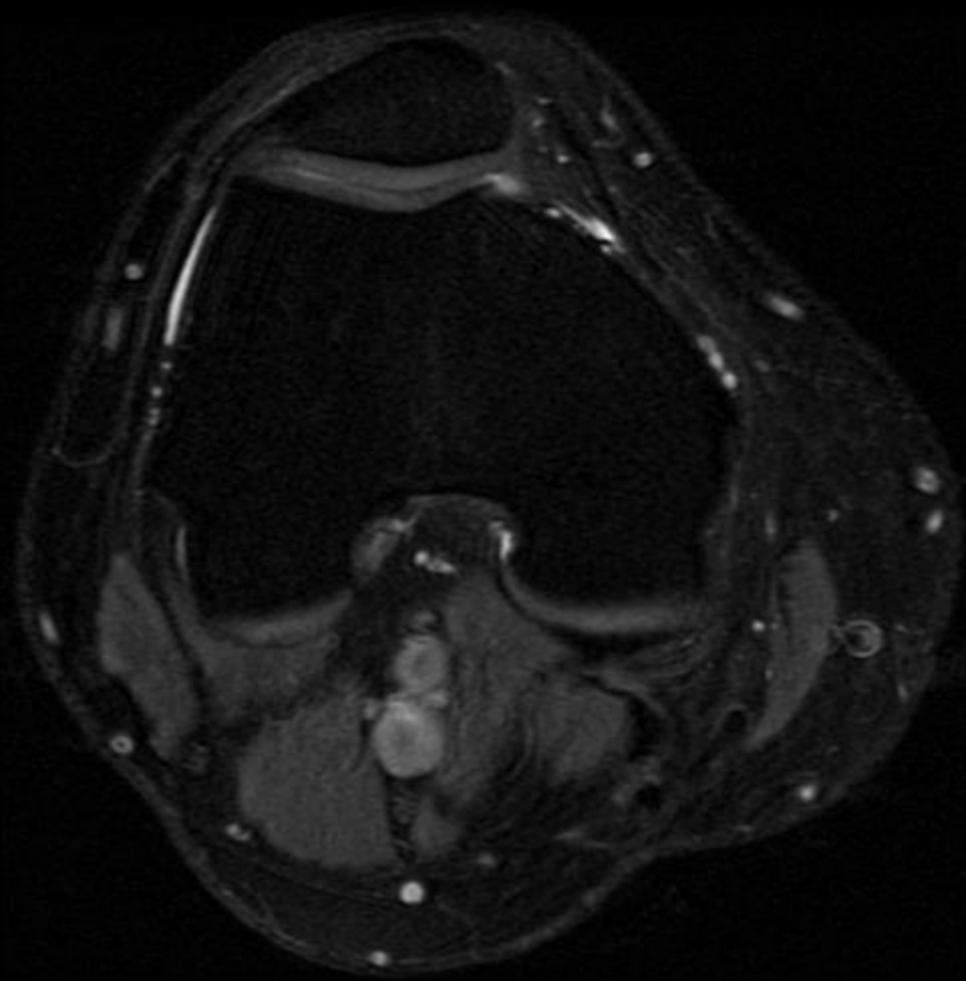


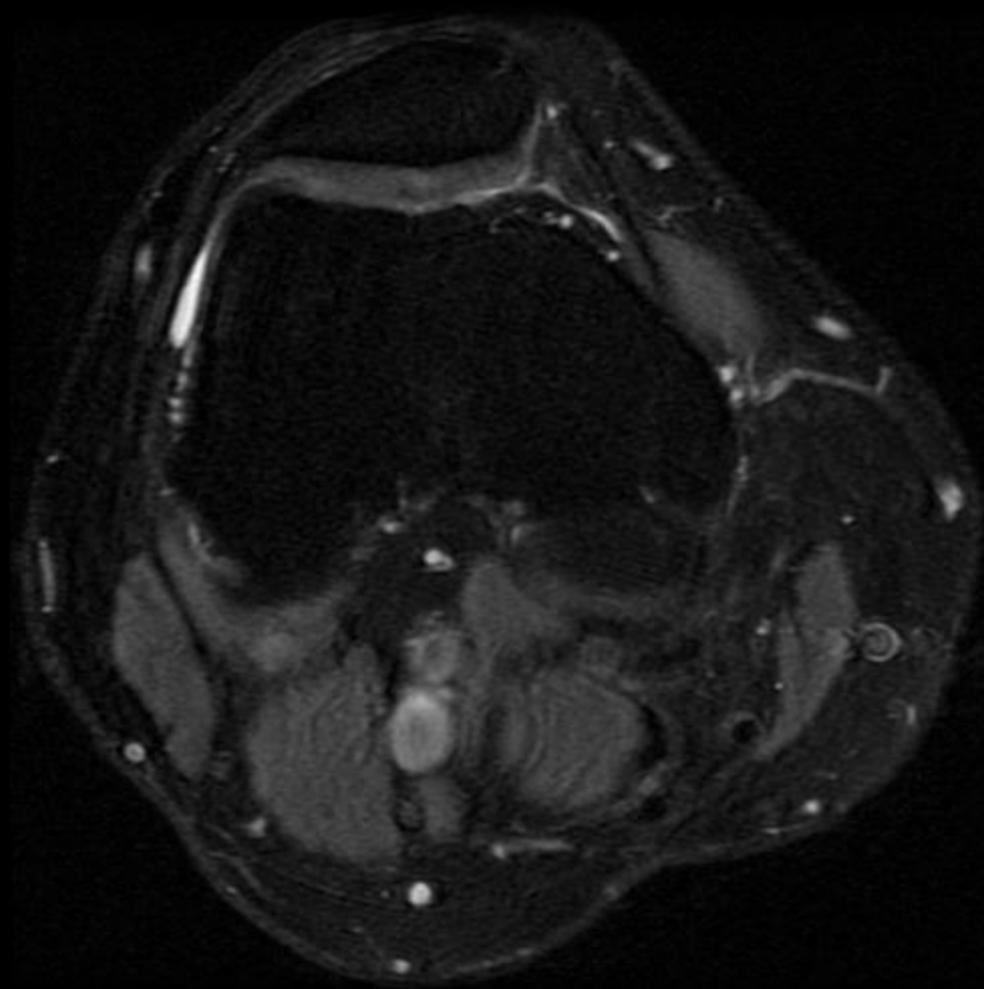


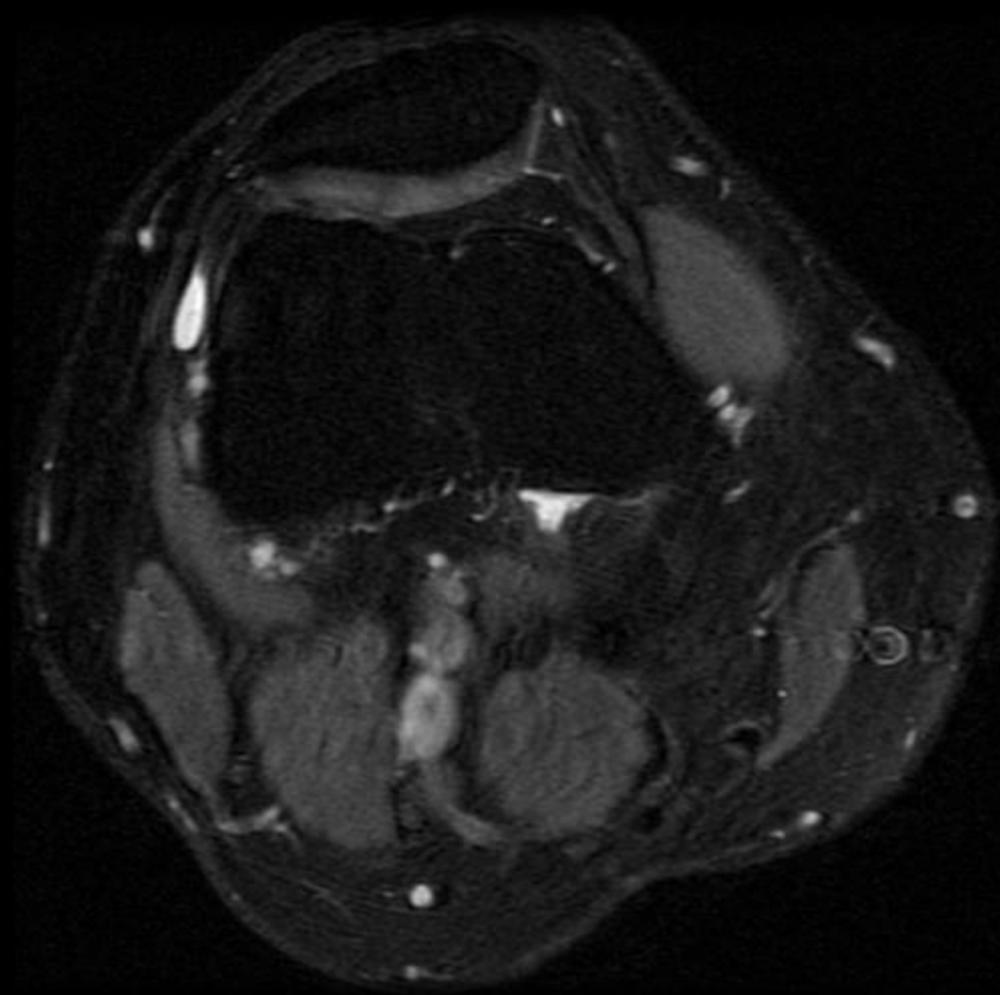


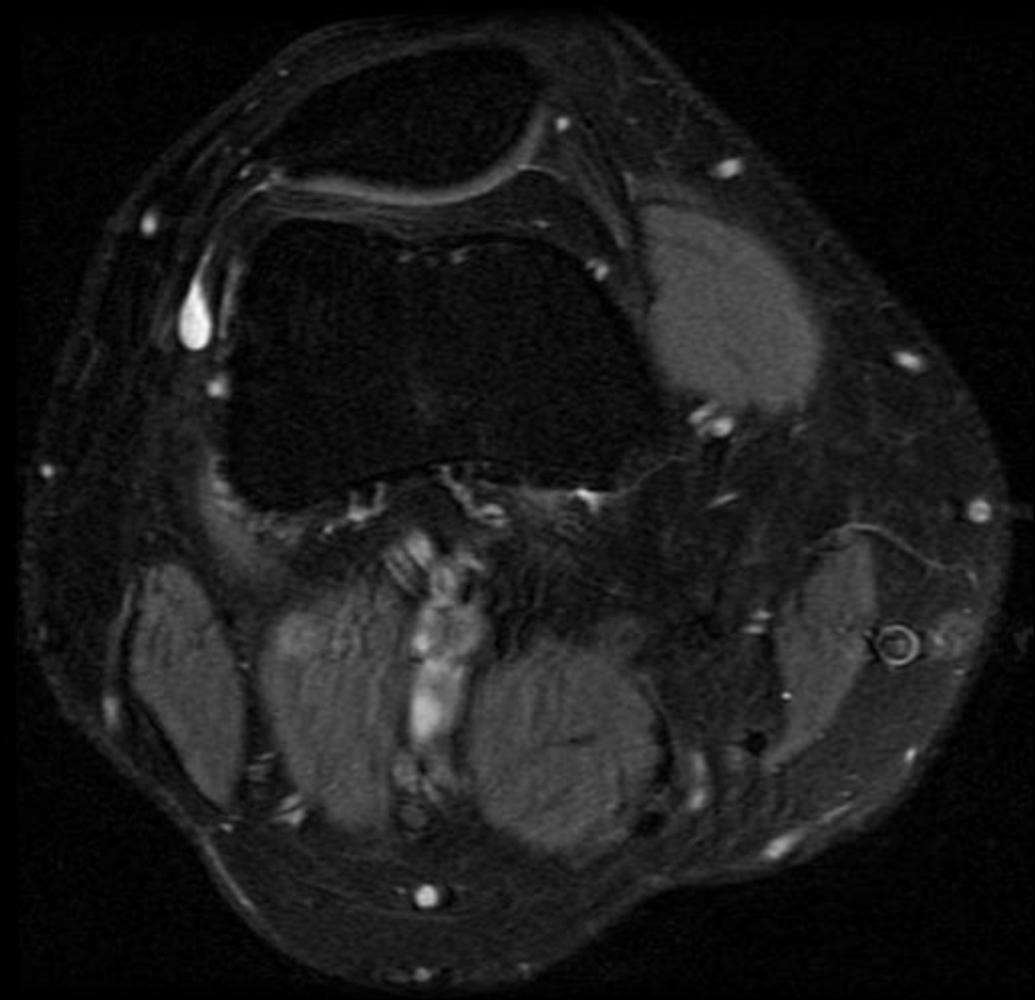


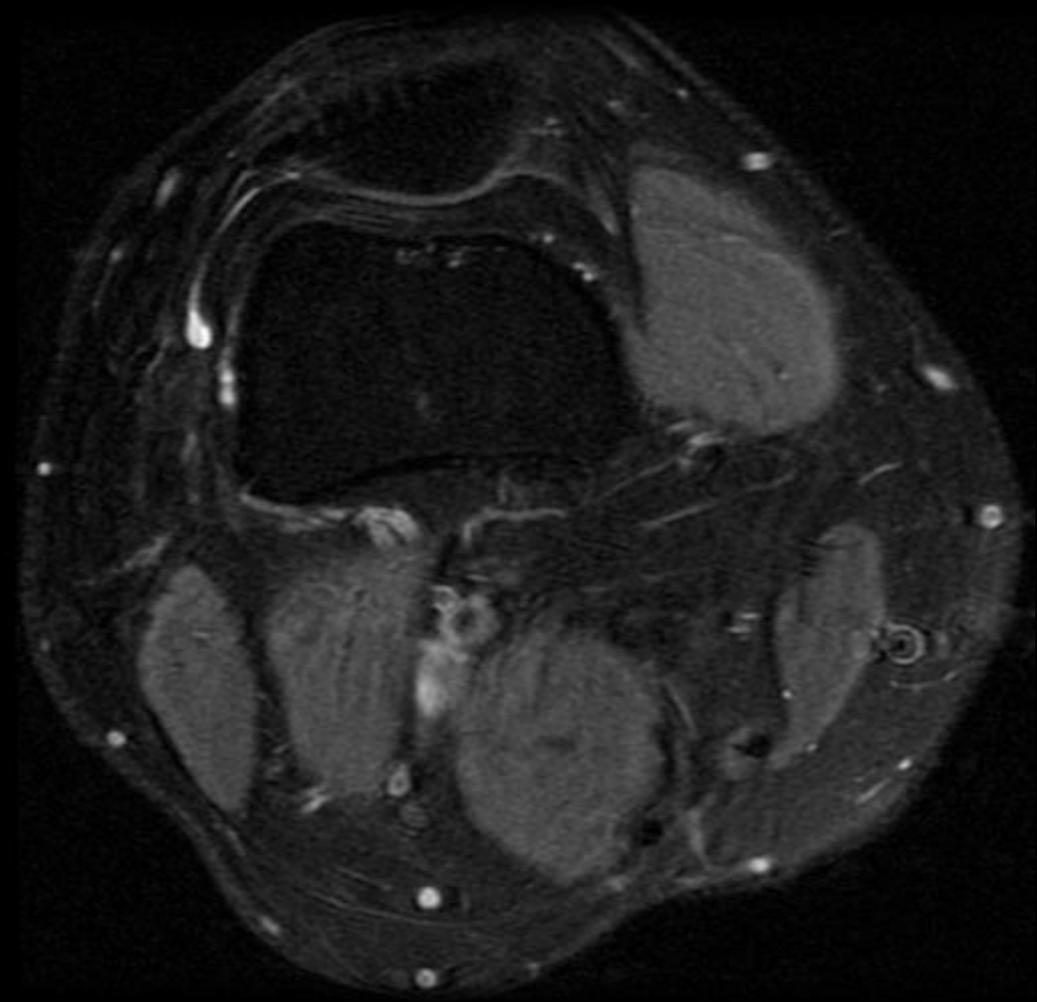


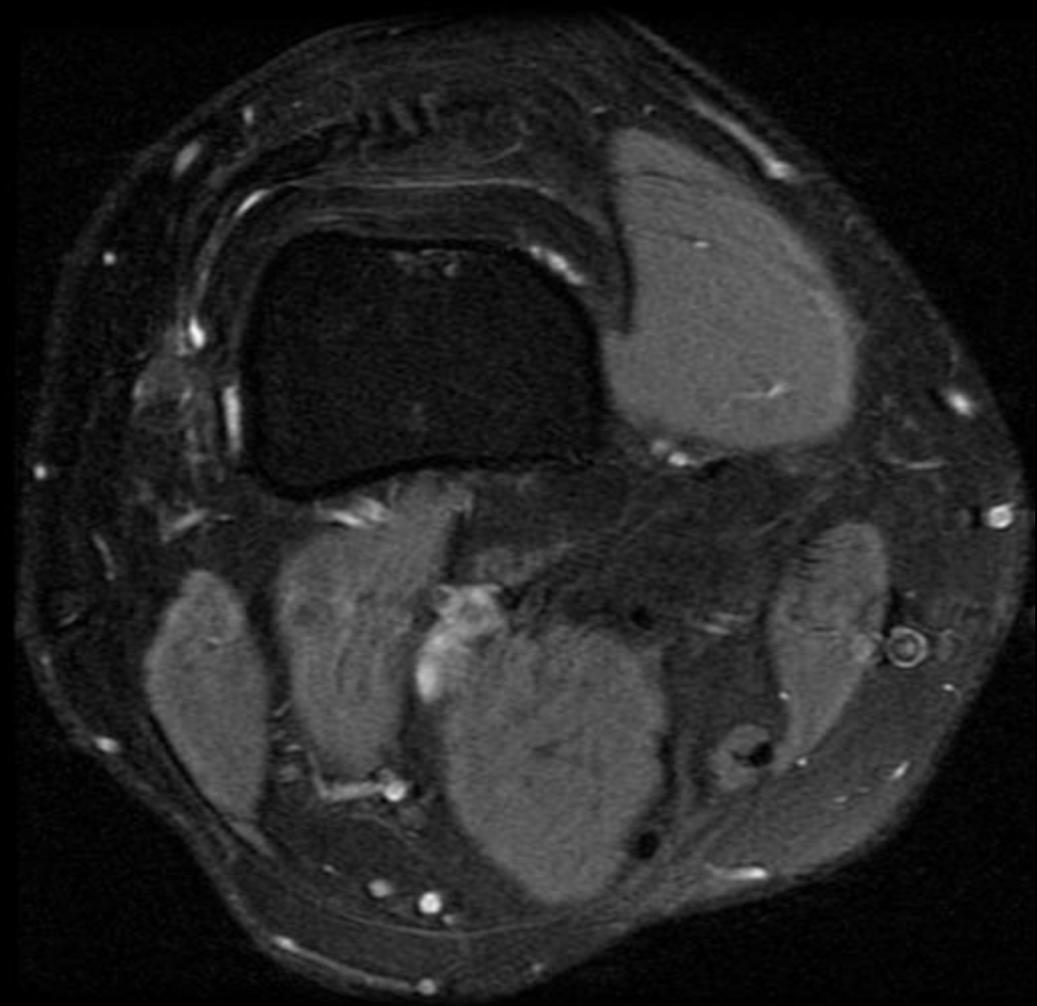


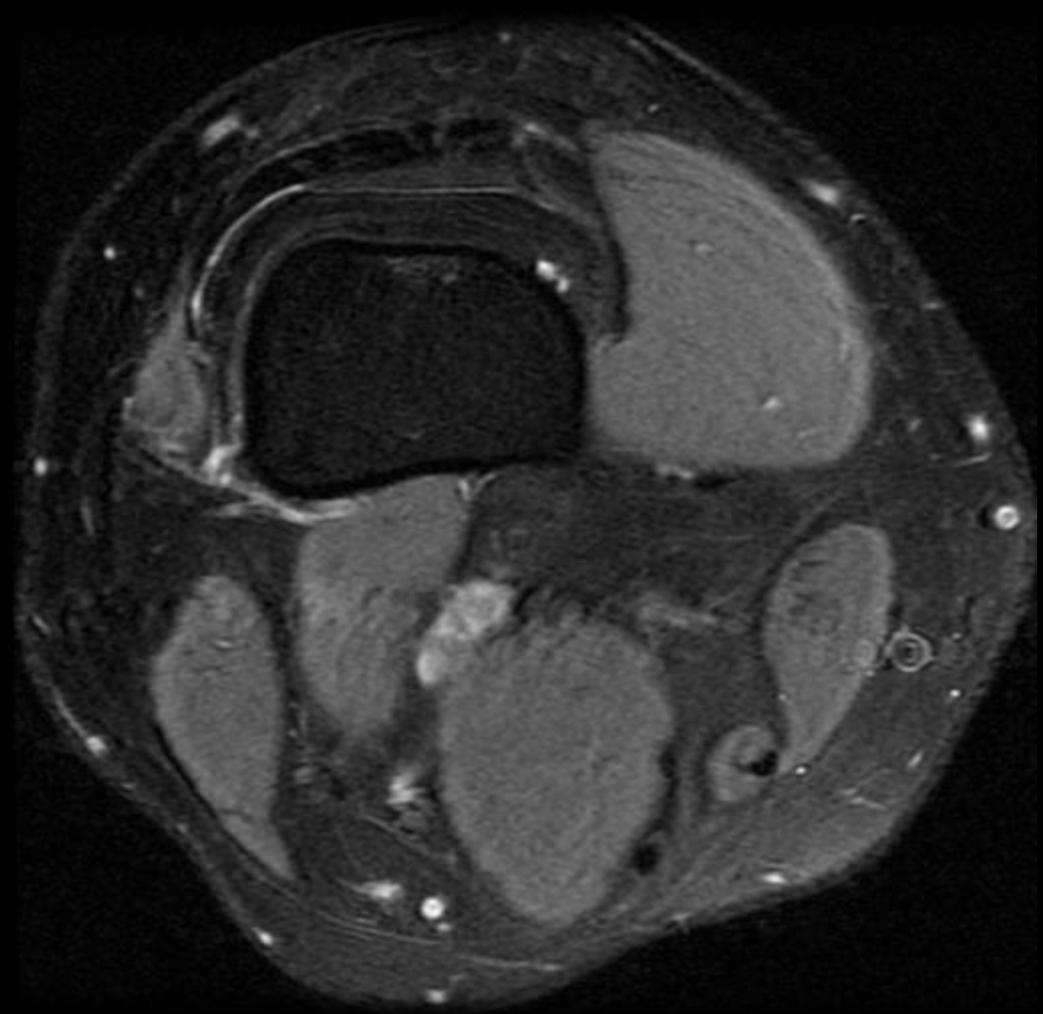


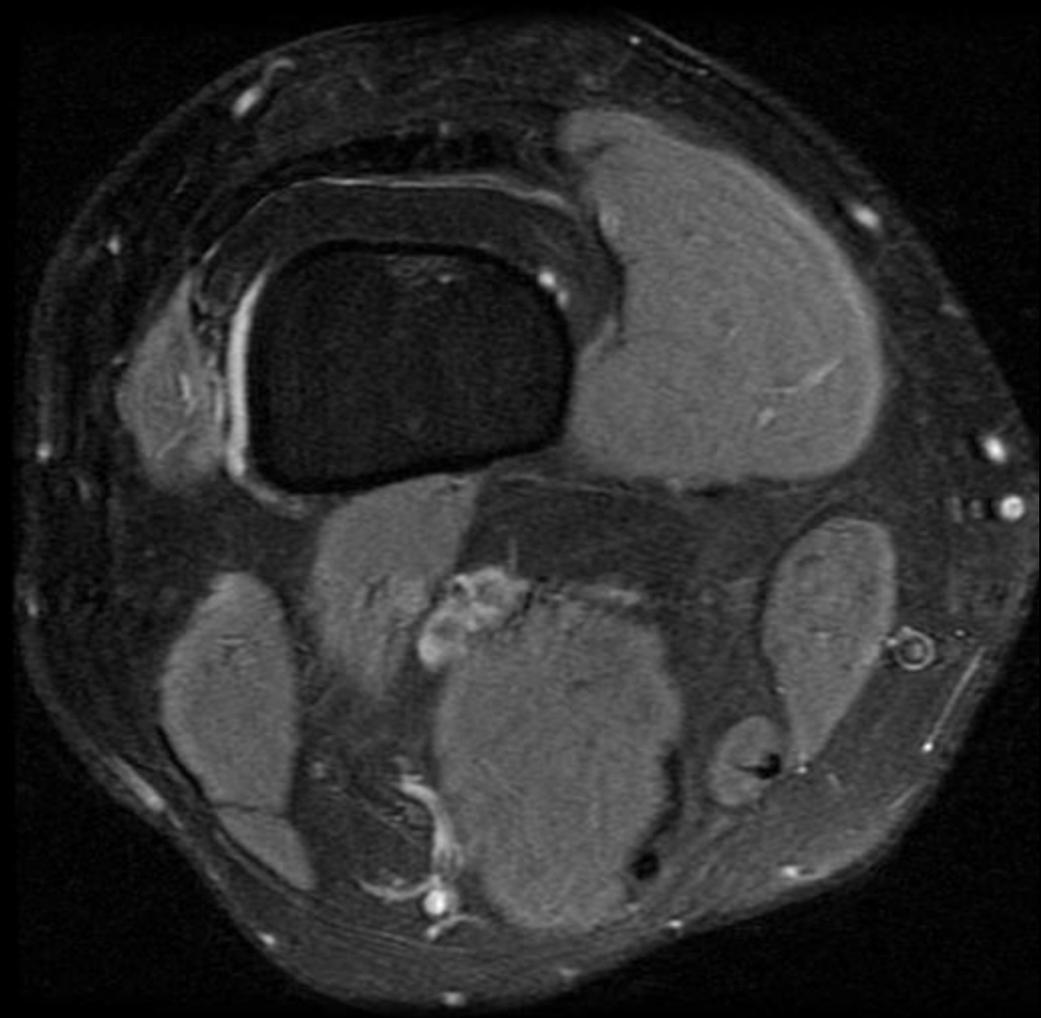




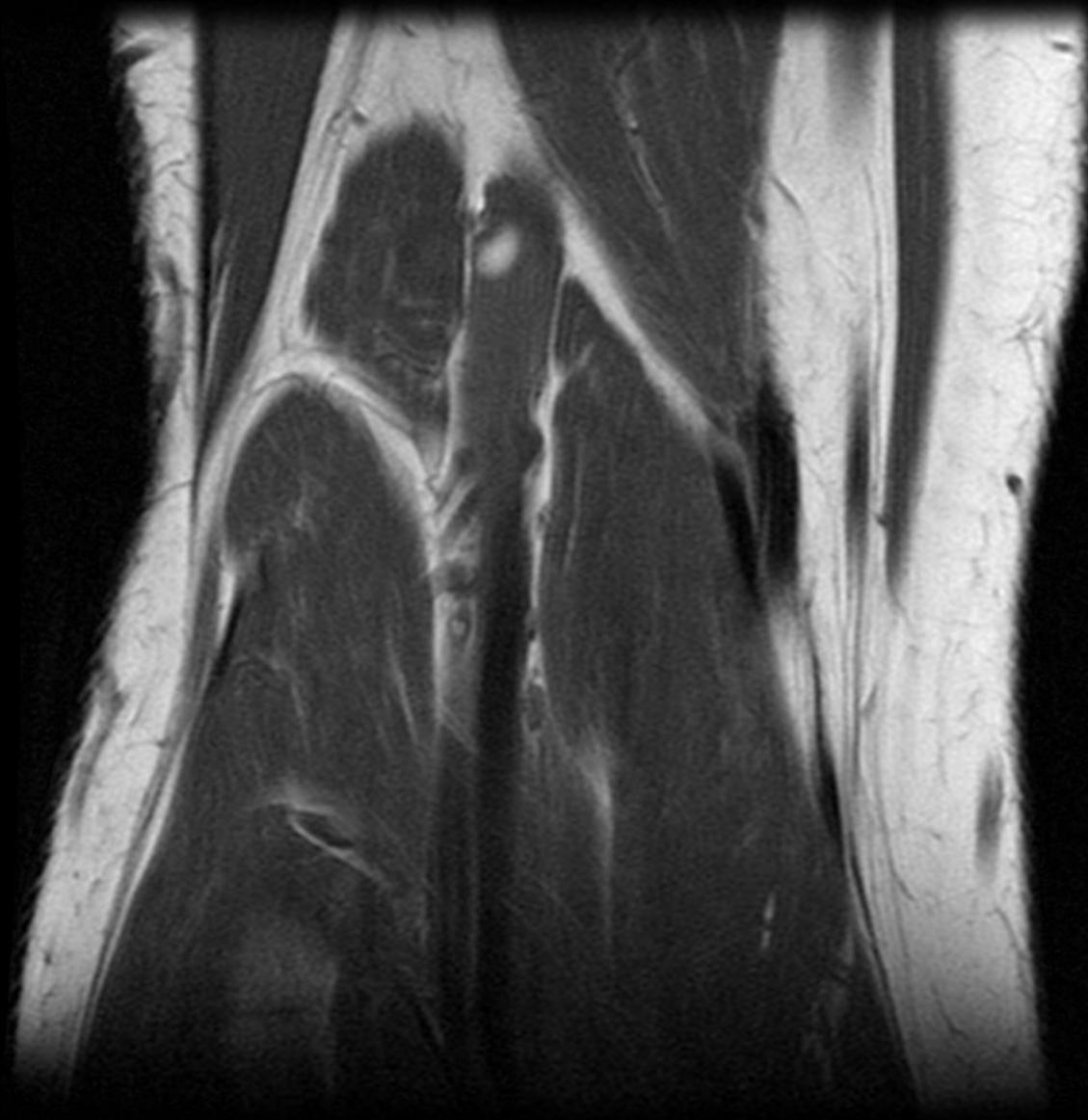




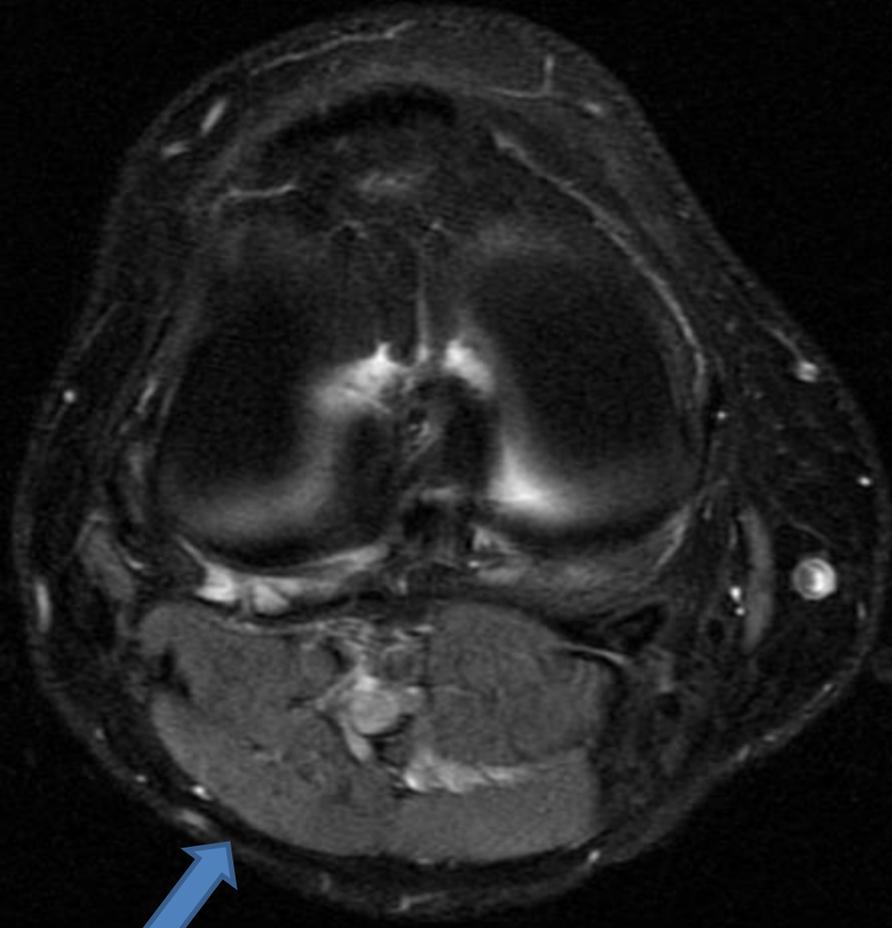


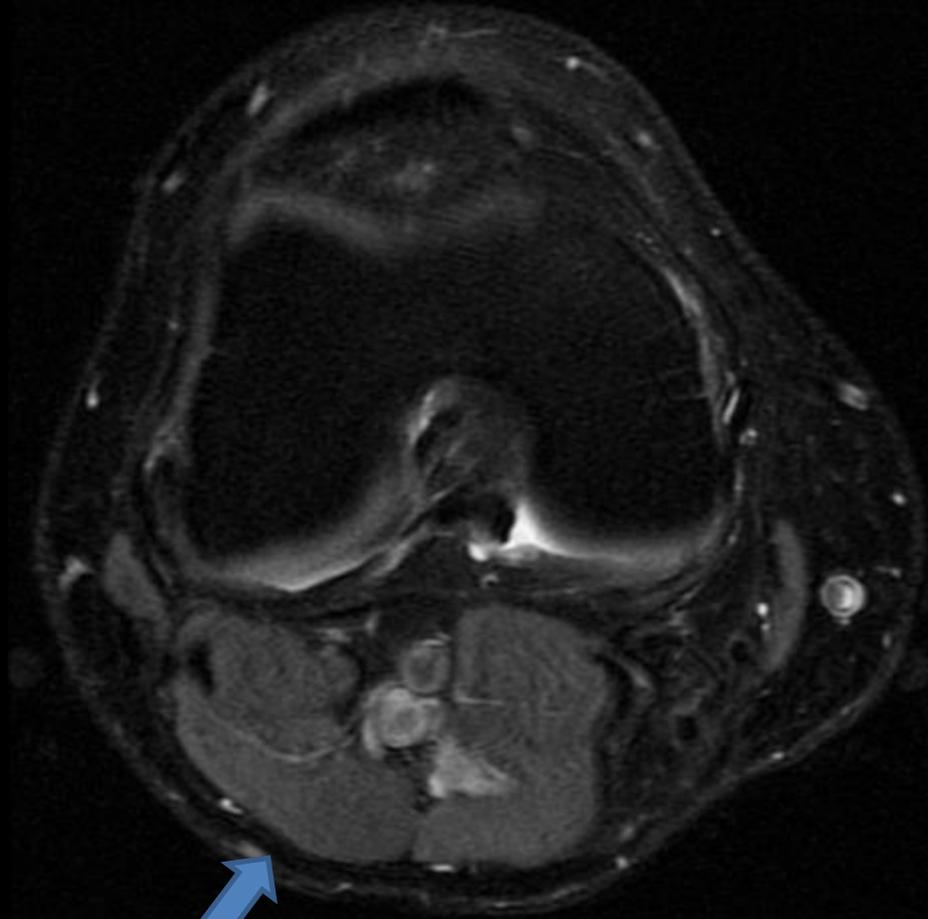


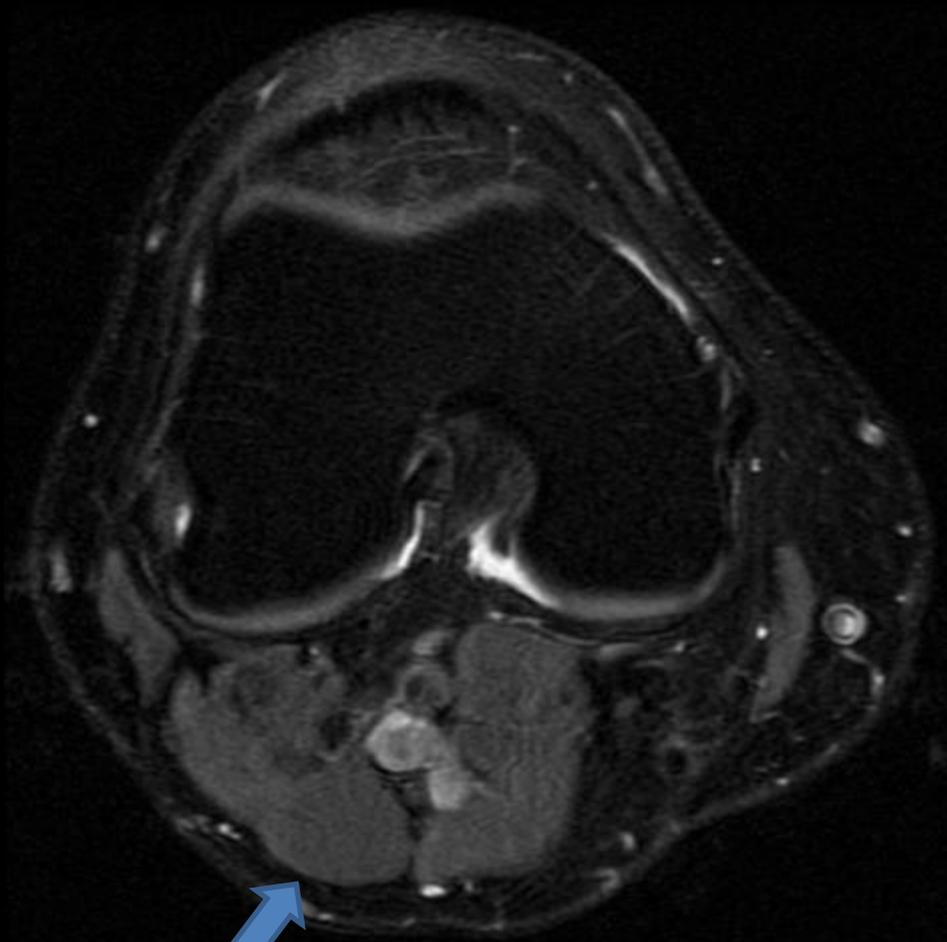


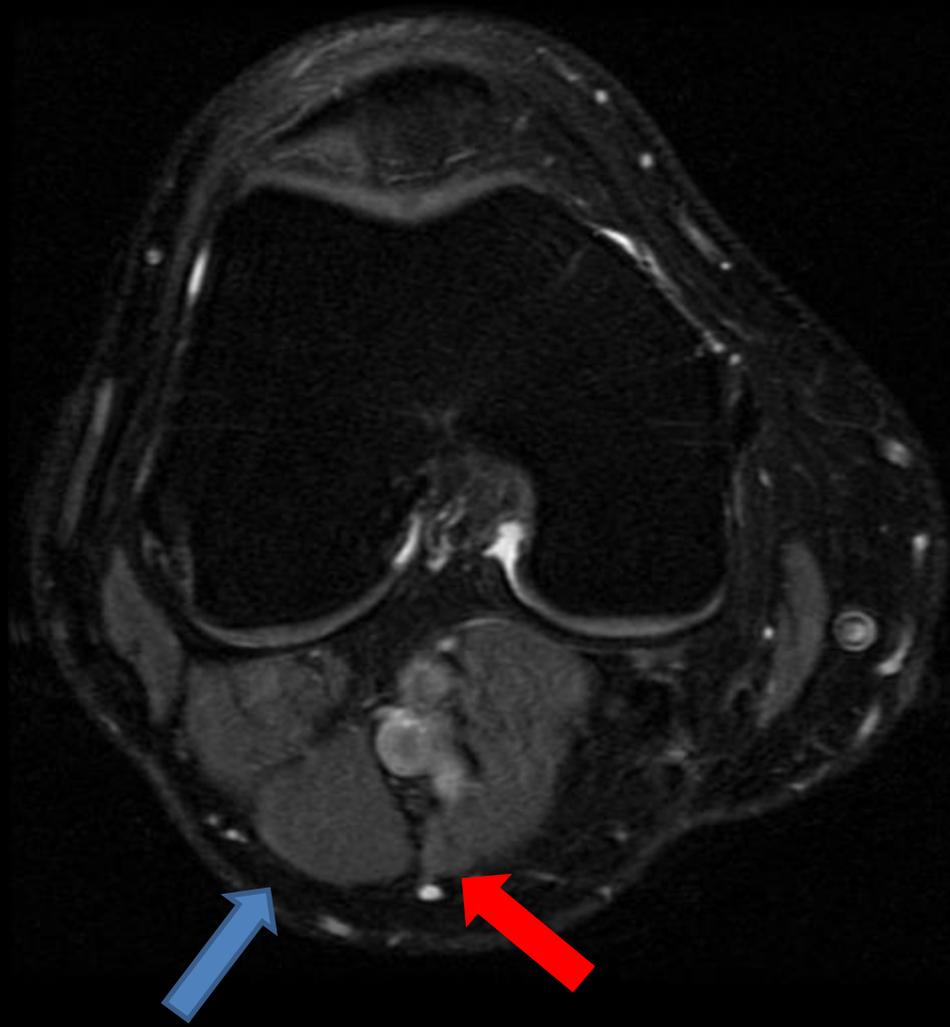


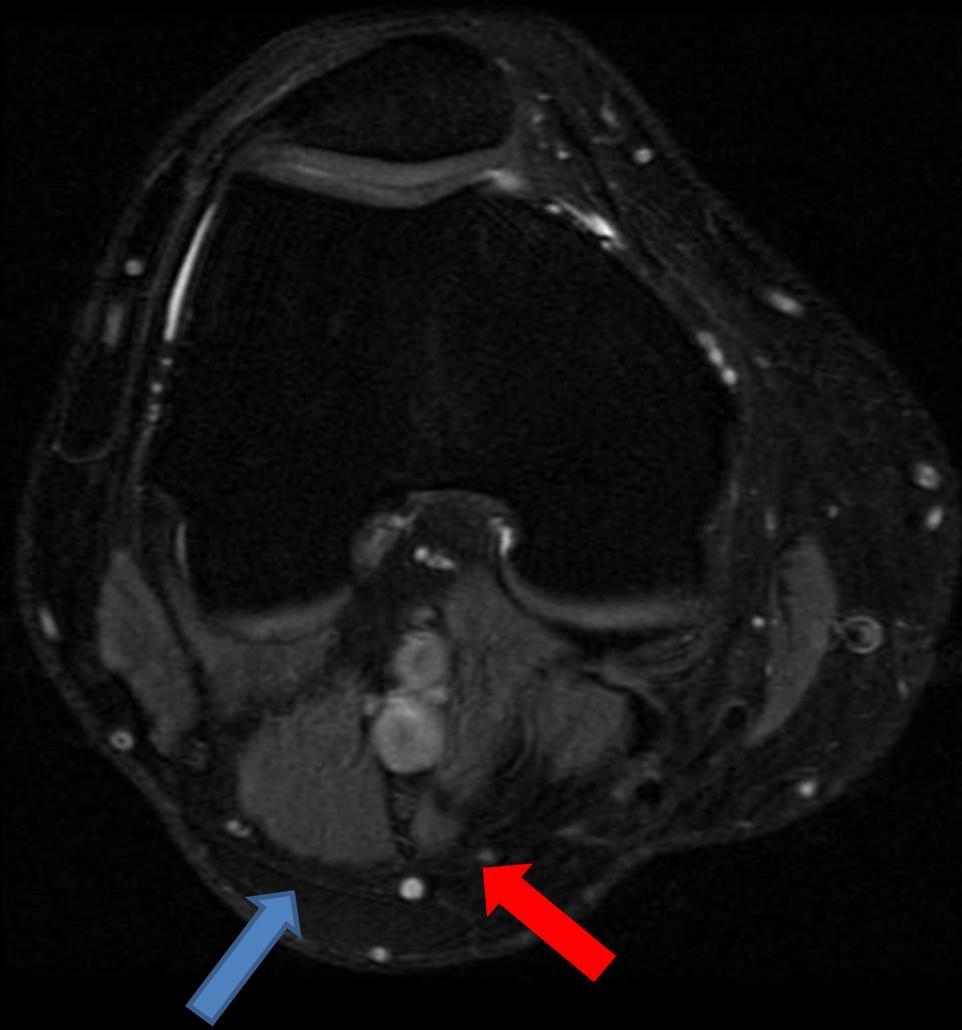


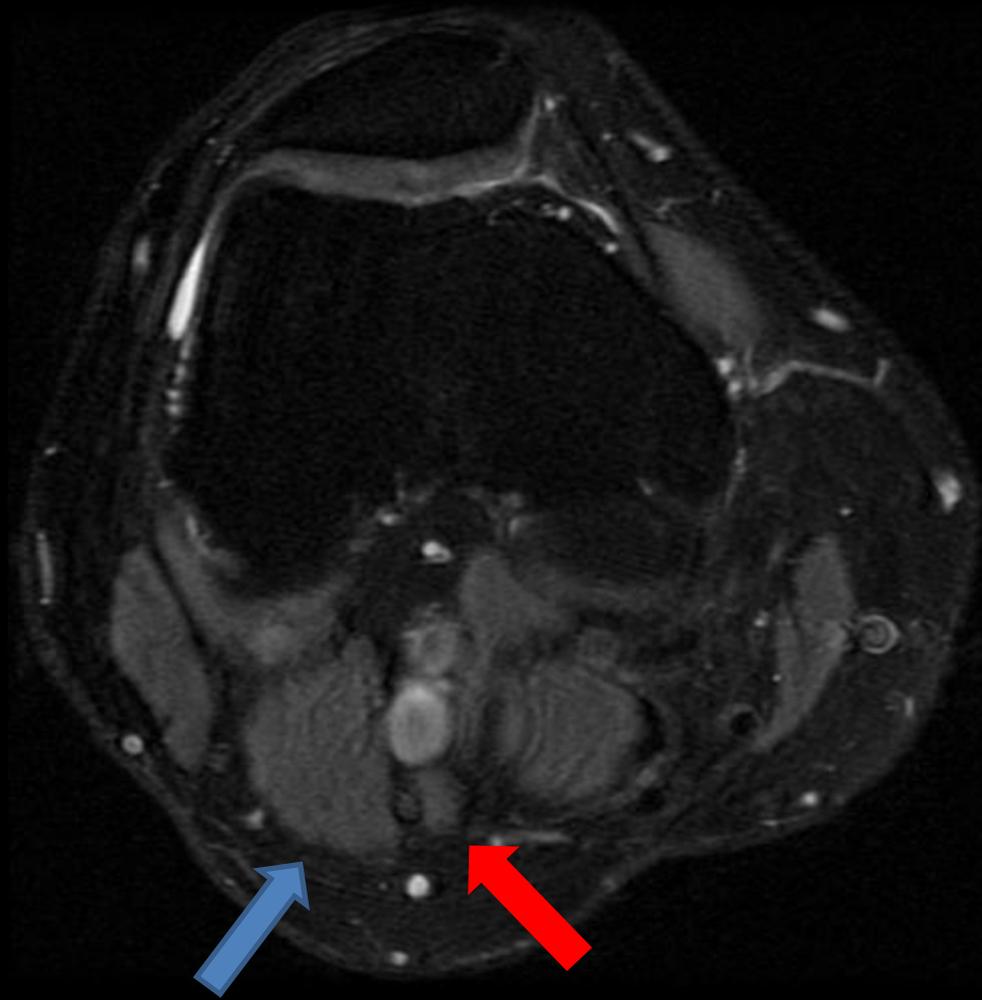


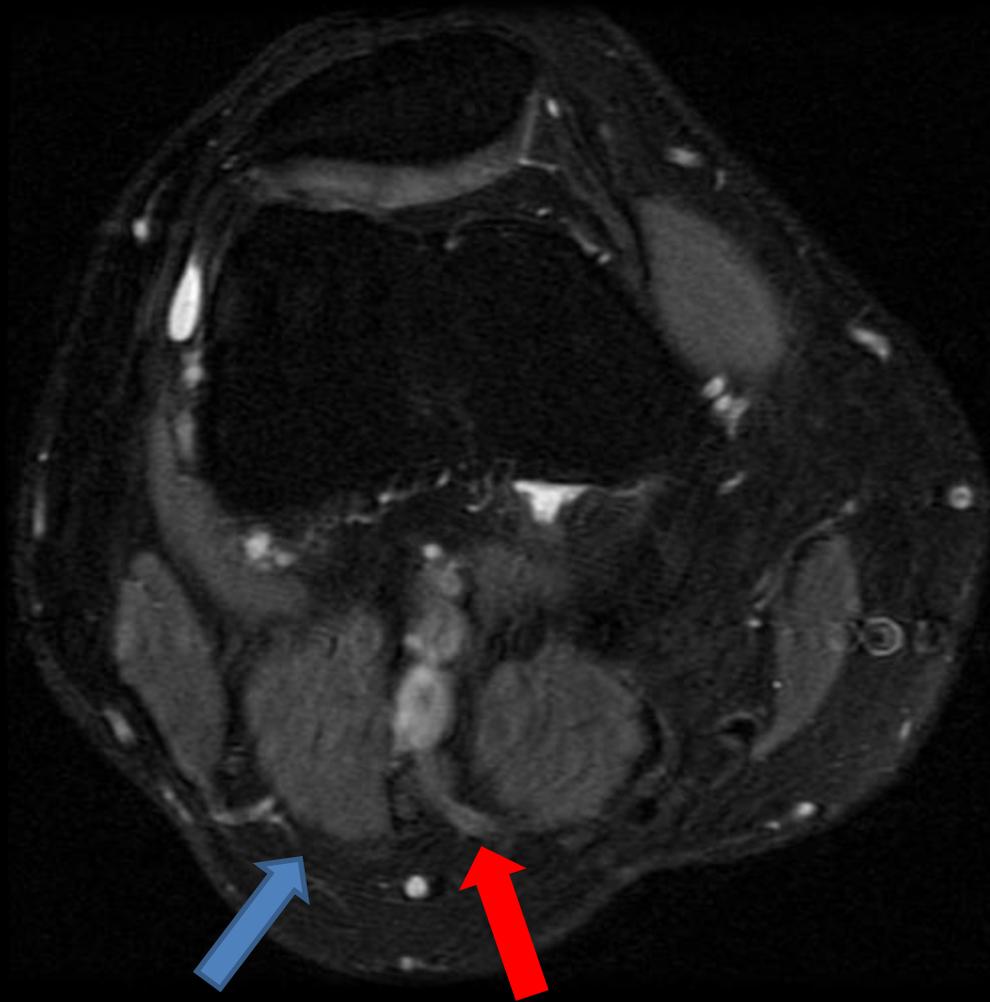


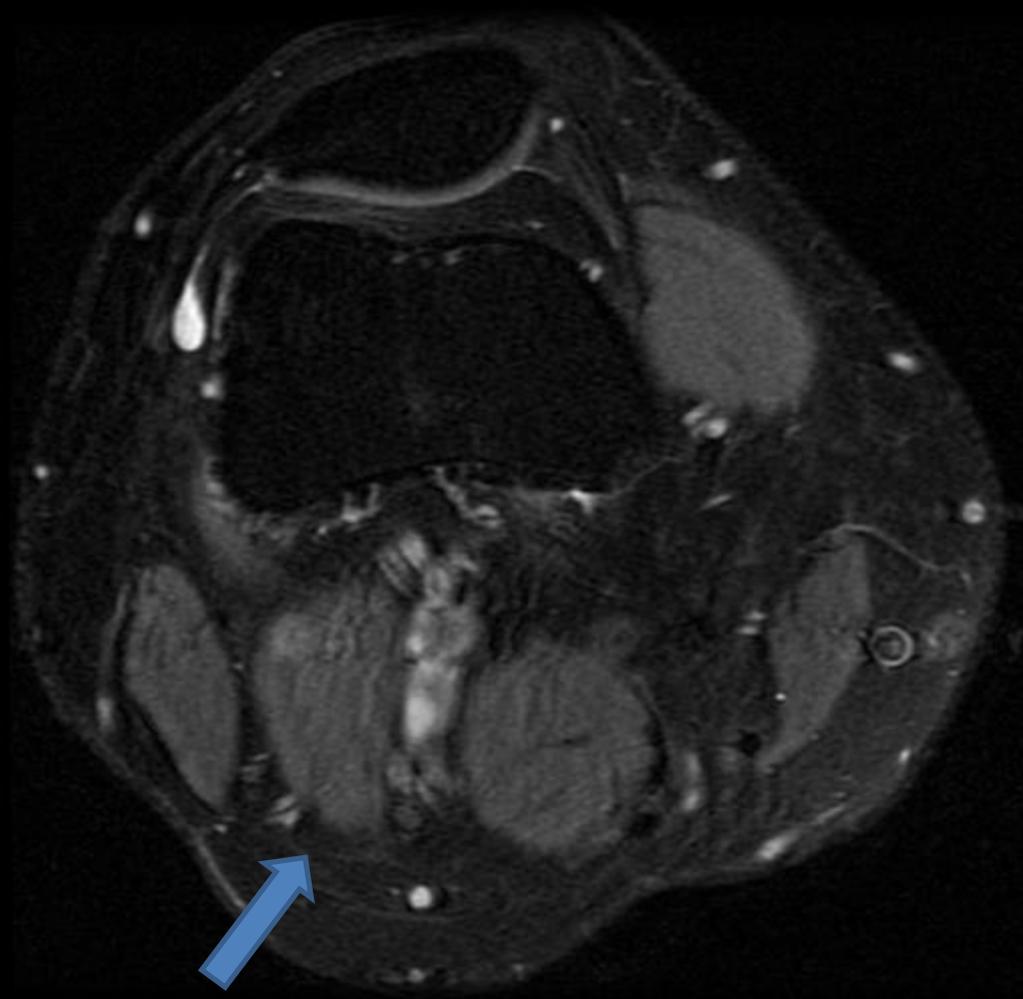


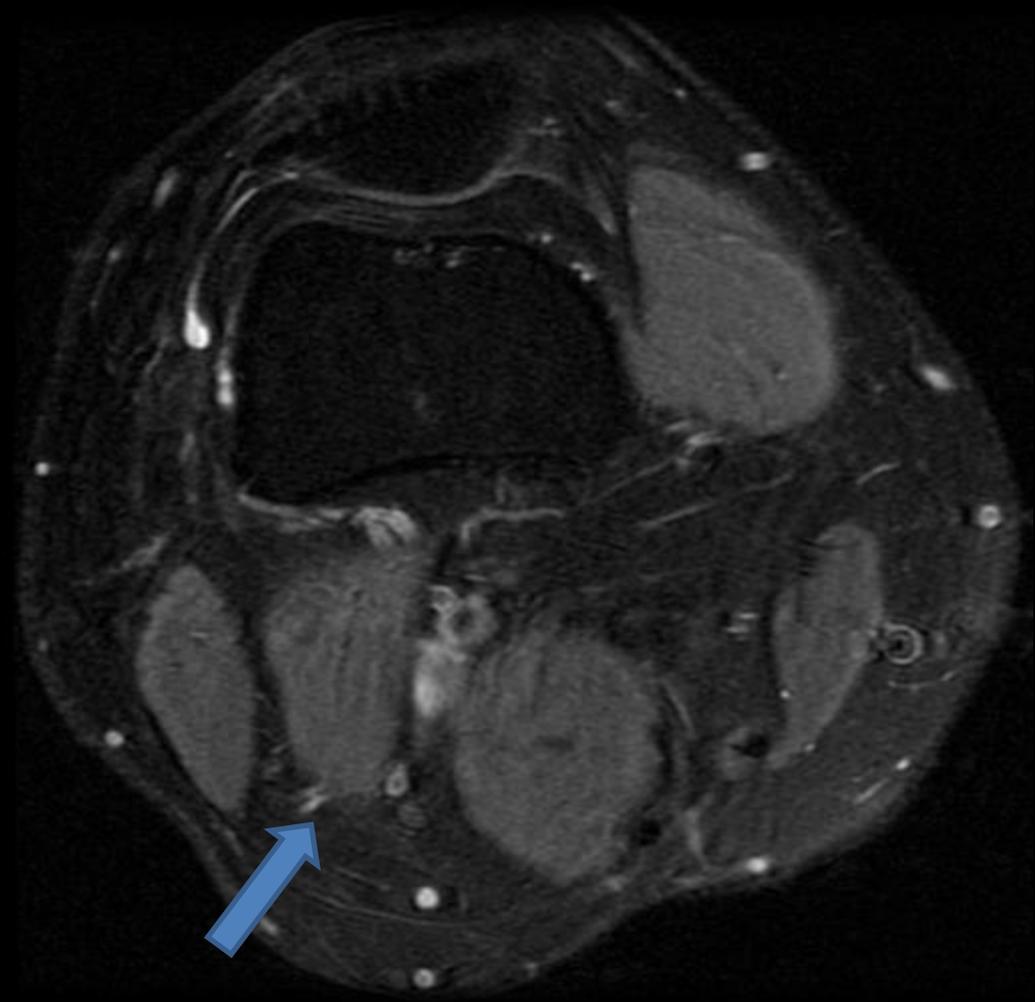


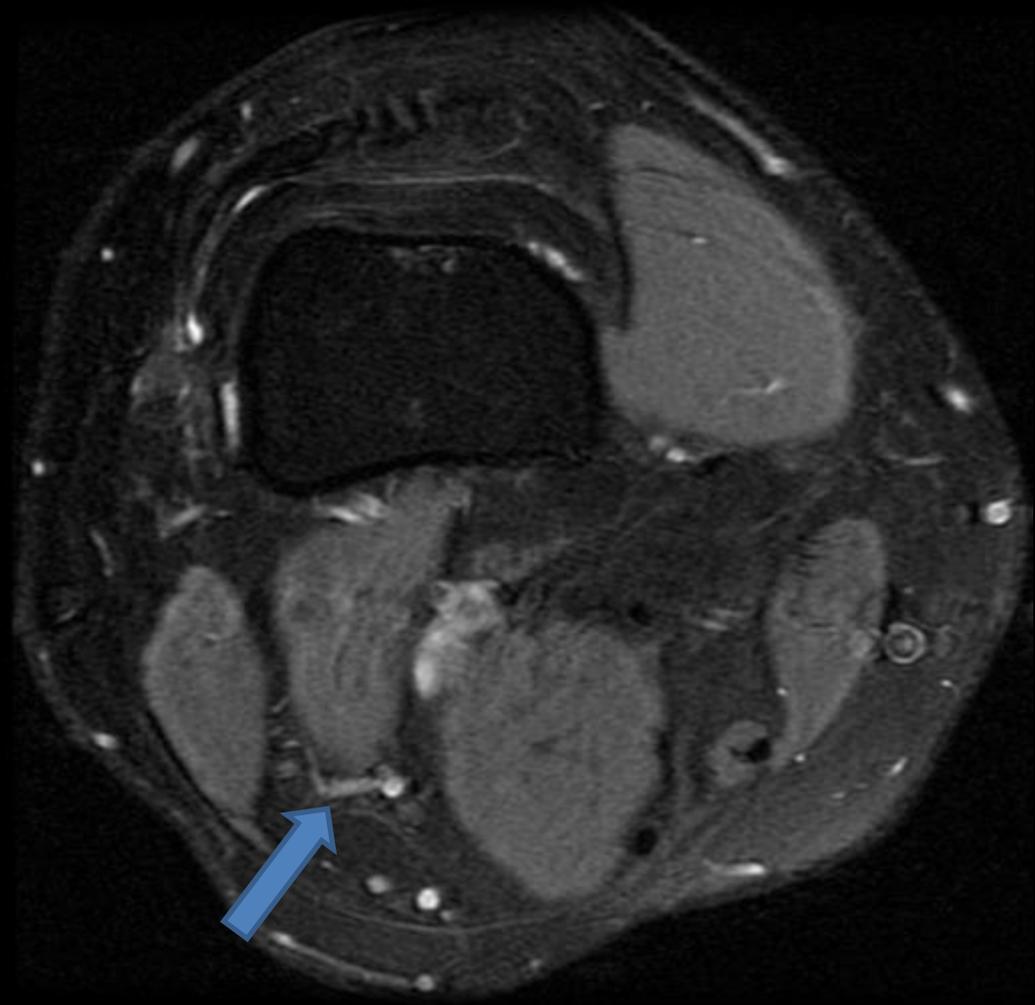


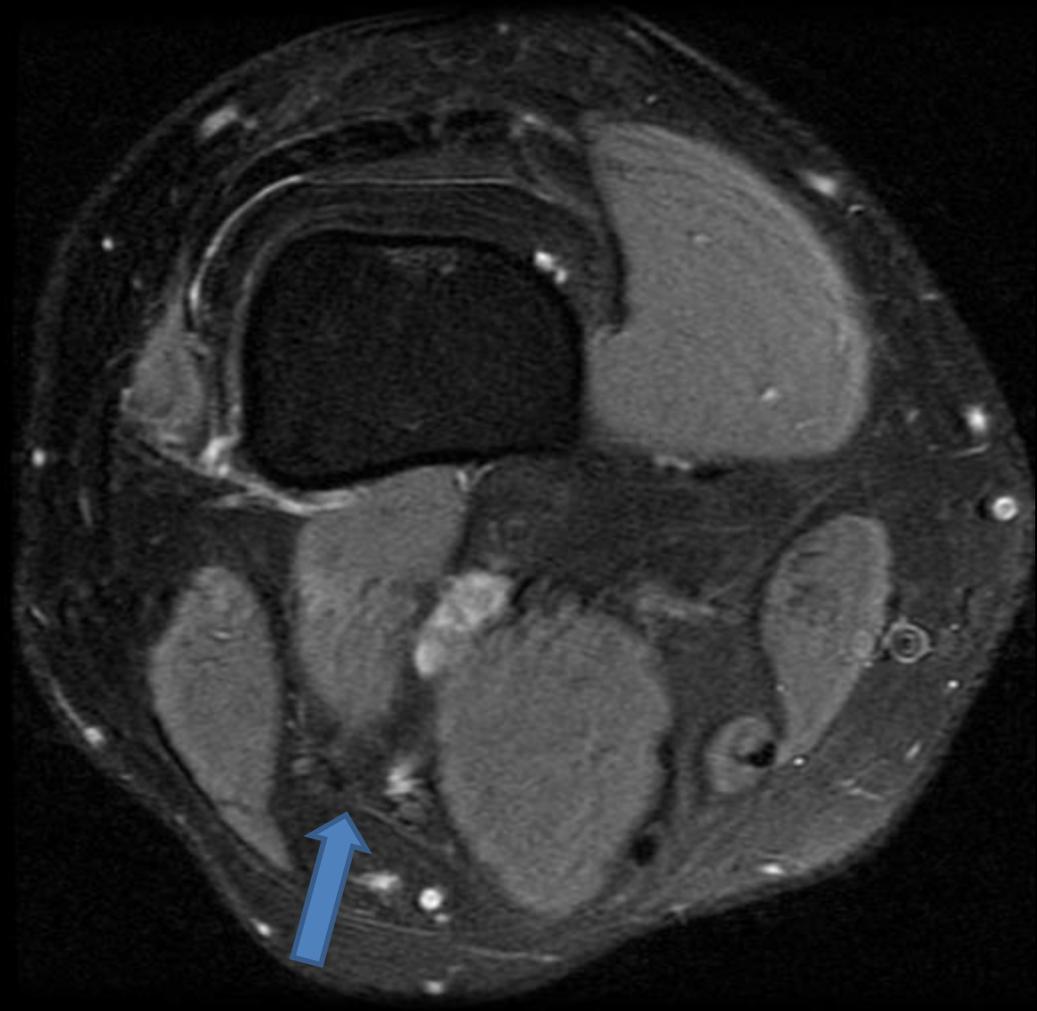


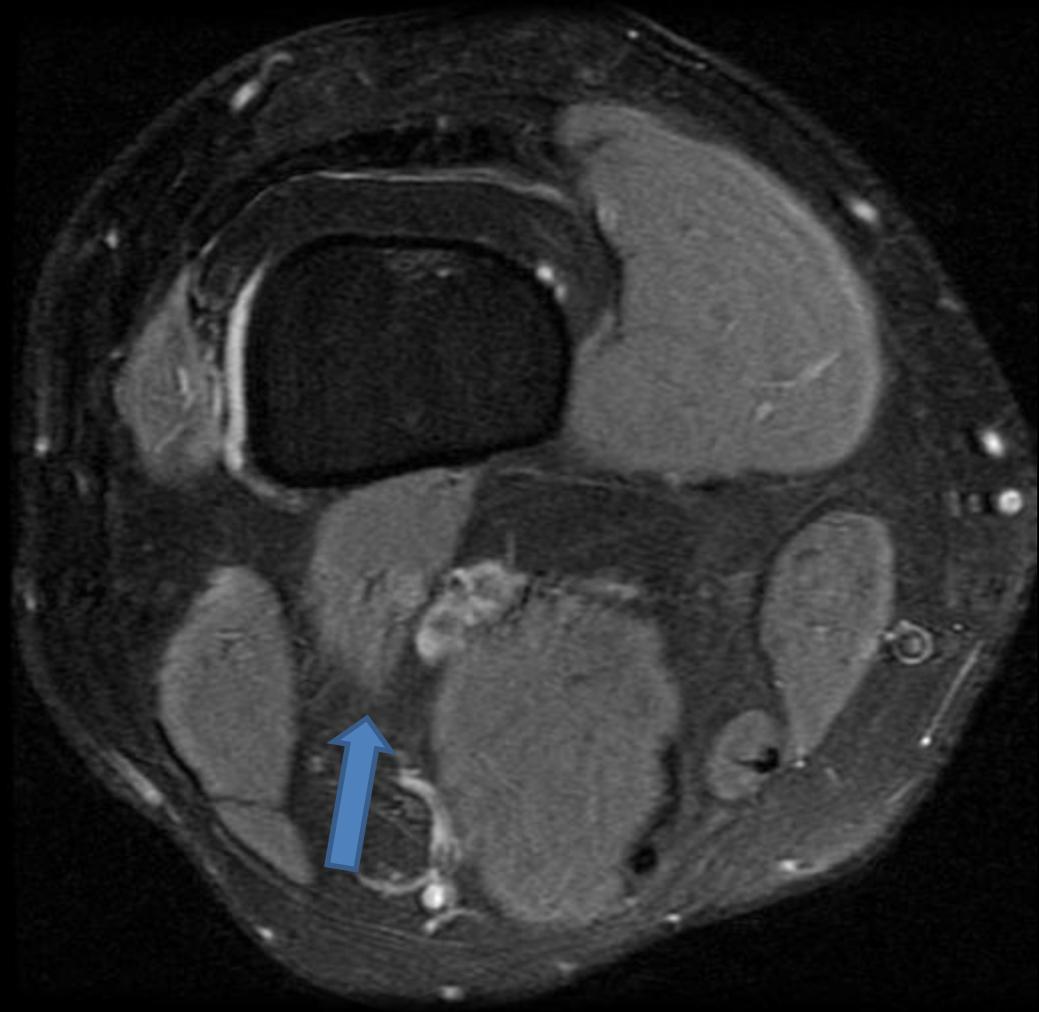


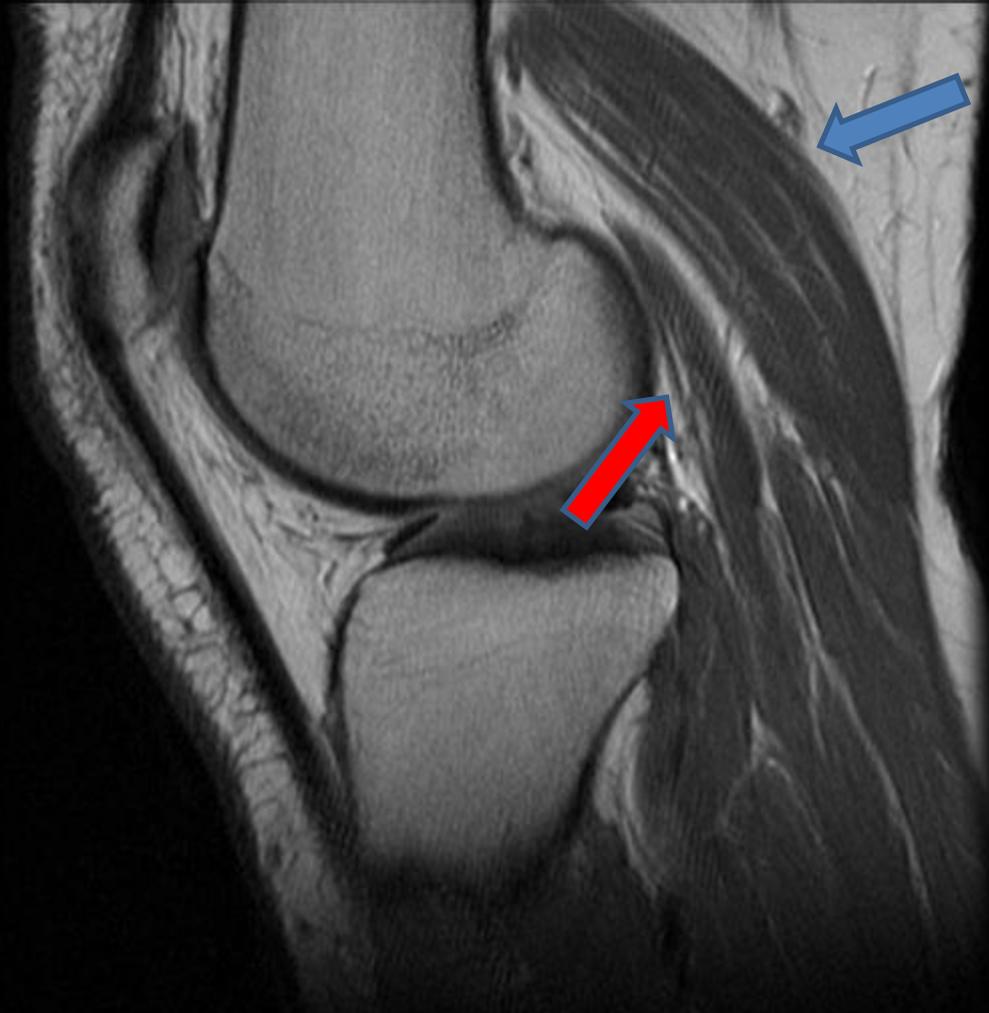














ACCESSORY 3RD HEAD OF GASTROCNEMIUS

- Supernumerous / anomalous muscle.
- First described by Kelch in 1813 and was further detailed by Frey in 1919.
- Between 2.0% and 5.5%.
- Typically asymptomatic
- Mimic a soft tissue tumor
- Compress the popliteal artery and/or popliteal vein

ANATOMY

- Medial head - superoposterior margin of the medial femoral condyle and femoral margin of the knee joint capsule.
- Lateral head - posterolateral surface of the lateral femoral condyle, and the adjacent knee joint capsule.
- Accessory / 3rd head originates from the distal femoral metaphysis.
- Anomalous band that arises from the medial head of the gastrocnemius.

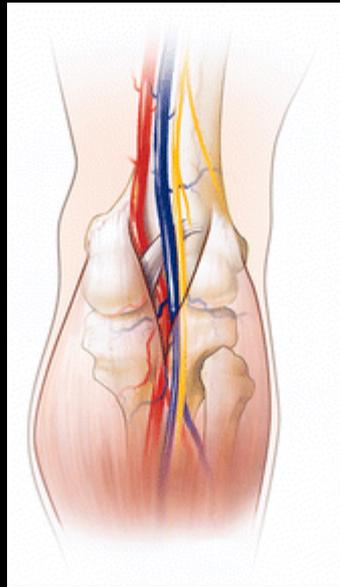
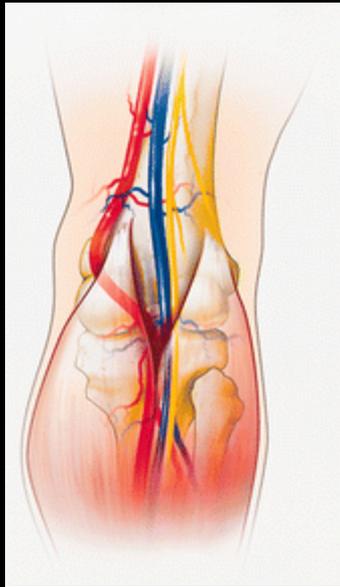
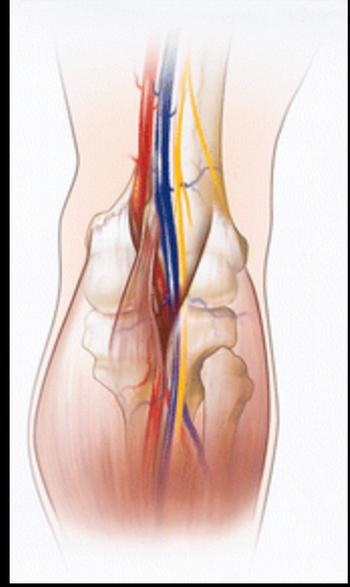
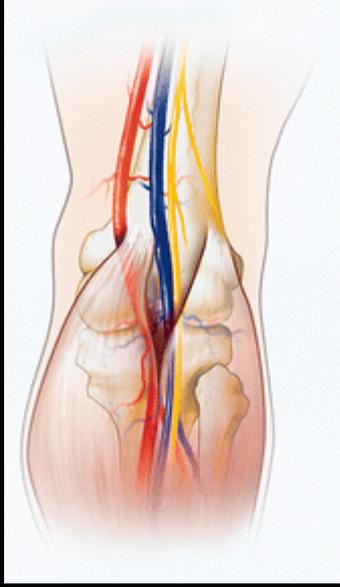
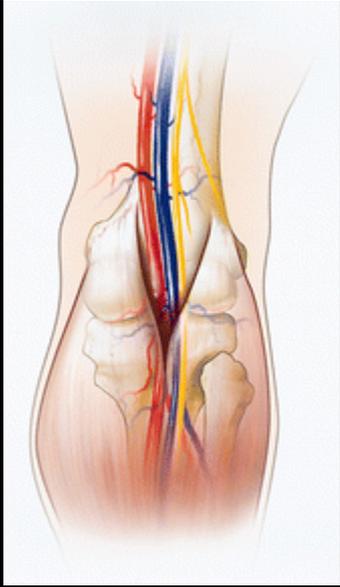
POPLITEAL VASCULAR ENTRAPMENT SYNDROME (PAES)

- Claudication in a young athletic patient due to an anomalous course of the popliteal artery / vein.
- Recurrent arterial compression - early atherosclerosis, thrombus formation, aneurysm, distal emboli, and rarely rupture.
- Compression of the popliteal vein - deep venous thrombosis and pulmonary emboli.
- Precipitated by forced plantar flexion

Pictorial Essay

Popliteal Artery Entrapment Syndrome: Role of Imaging in the Diagnosis

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