MI-COD

MSS INDIA- Case Of the Day



Case contributor – Dr (Prof). Rajesh Botchu and colleagues

Musculoskeletal Society of India (MSS) &

Indian Journal of Musculoskeletal Radiology (IJMSR), the official publication of MSS India

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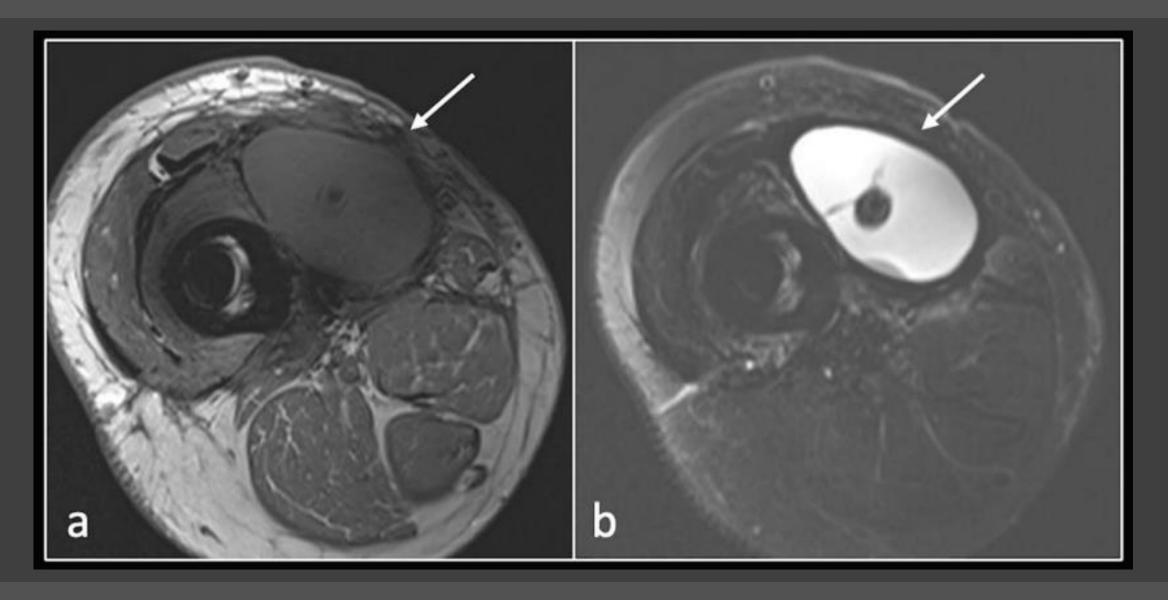


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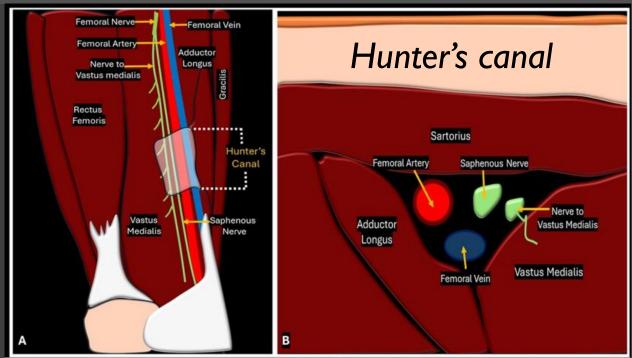


Axial TI (a) and STIR (b) MRI images of right thigh



Chronic seroma in the Hunter's canal (arrow), 3 years post-surgery

Chronic seroma in the Hunter's canal



Sartorius

Vastus

Medialis

Magnus

Sartorius

Vastus

Medialis

Adductor

Magnus

- Compression in the adductor canal can result from various soft tissue pathologies, including muscle tears, especially in the adductor or adjacent muscles, can cause inflammation and swelling that compresses the adductor canal's structures.
- Localized infections and fluid collections, tumours, hematomas and seromas resulting from previous injuries or surgeries can exert pressure effects.
- Other factors such as bursitis and ganglion cysts can also impact the structures within the adductor canal.
- If these conditions are not identified and treated promptly, they can impact the femoral artery, femoral vein, and saphenous nerve within the adductor canal, potentially resulting in serious complications

Mettu S, Saran S, Shirodkar K, Shah AB, Shah BR, Siddi Ganie I, Raghu Teja KJSS, Iyengar KP, Botchu R. Anatomy and pathology of adductor canal (Hunter's canal). Skeletal Radiol. 2024 Oct 13.