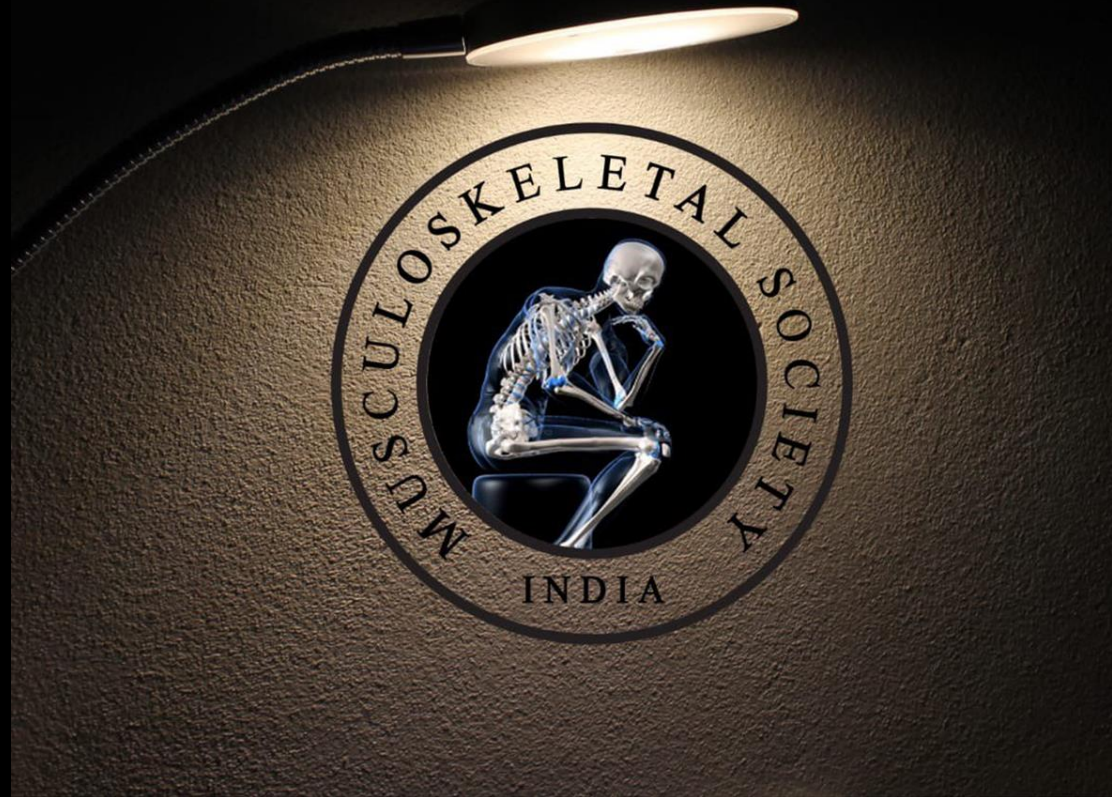
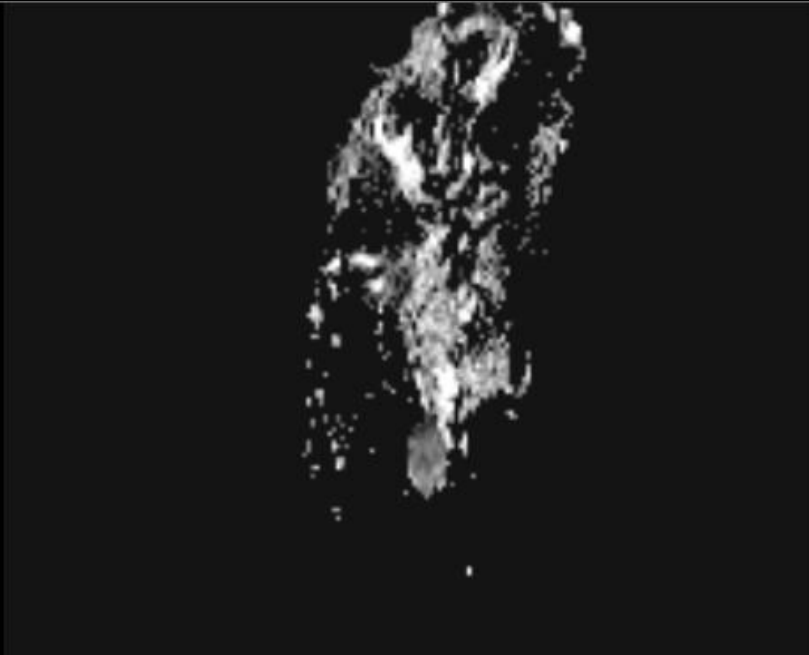
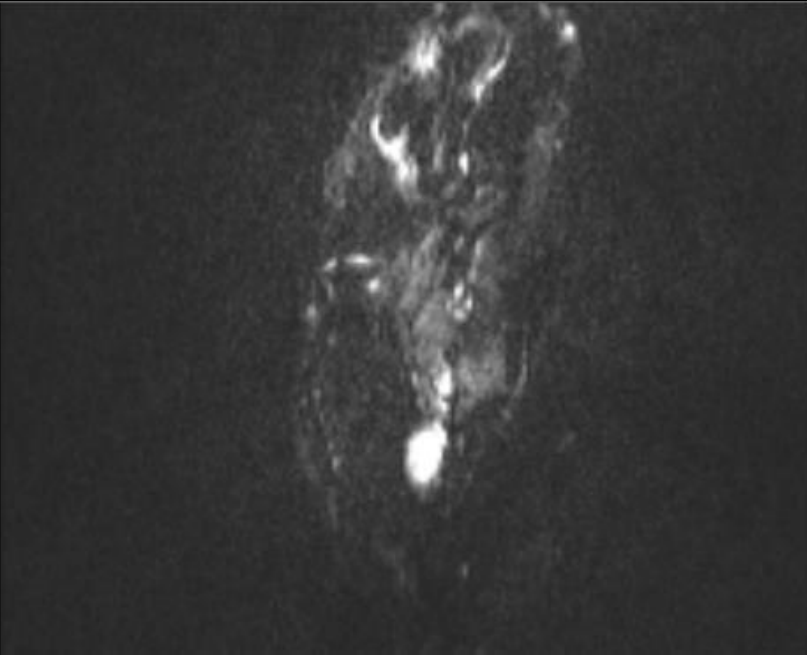


MICOD – 22/04/2024  
Case contributor – Dr. Sonal Saran

# MI-COD

MSS INDIA- Case Of the Day





12 year old boy with heel pain

# Desmoplastic fibroma

Case courtesy: Dr. Navneet Agarwal

- Rare, benign / borderline behavior
- *Bony counterpart of soft tissue fibromatosis*
- Intraosseous component of soft tissue fibromatosis
- May be due to *local trauma or part of Gardner syndrome*
- Benign but up to *35% recur*, does not metastasize
- *Radiologically and histologically, it can mimic a variety of tumors*
- Long bones, (distal femur and proximal tibia), mandible and pelvis
- Recurrence rates following simple curettage very high
- *Treatment by surgical excision with wide margins*

<https://www.pathologyoutlines.com/topic/bonedesmoplasticfibroma.html>

# Desmoplastic fibroma

Case courtesy: Dr. Navneet Agarwal

## Imaging appearance

*Well-defined or partly well-defined,  
narrow transition zone,  
lobulated form,  
expansile growth,  
sometimes with cortical bone destruction  
sometimes extension into the surrounding tissues  
Internal pseudo trabeculation in 90% cases  
no matrix mineralization  
widening of the host bone from gradual apposition  
of periosteal new bone formation ~ 90%*

## Radiographical masquerades of desmoplastic fibroma

*Fibrous dysplasia  
Giant cell tumor  
Unicameral bone cyst  
Chondromyxoid fibroma  
Non-ossifying fibroma  
Periosteal desmoids  
Eosinophilic granuloma  
Low-grade intra-osseous osteosarcoma  
Adamantinoma  
Distant metastasis*

<https://www.pathologyoutlines.com/topic/bonedesmoplasticfibroma.html>



**Thank you**