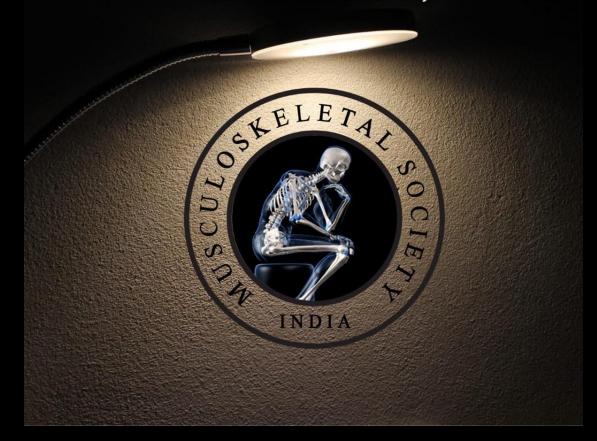
#### MICOD – 07/06/2024 Case contributor – Dr. Ankur Shah

## MI-COD

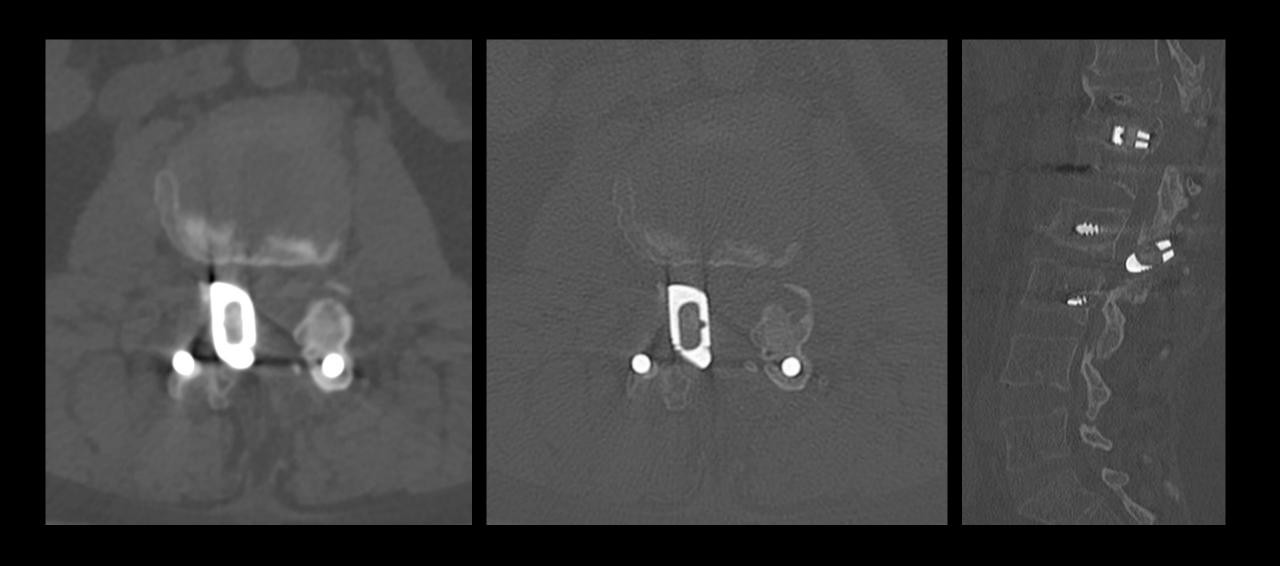
MSS INDIA- Case Of the Day



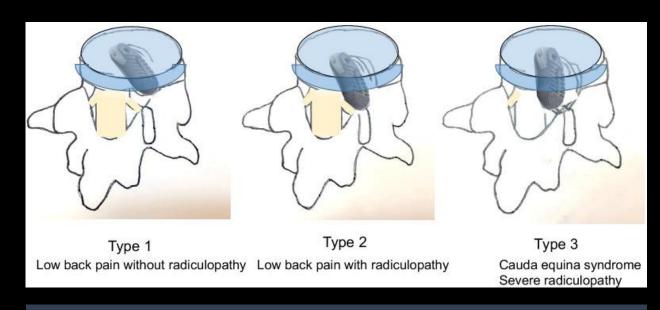
# Diagnosis?



## Displaced disc cage



### Cage migration



Symptomatic pseudarthrosis and cage migration/protrusion are difficult complications of transforaminal or posterior lumbar interbody fusion

If the patient experiences severe radicular symptoms, removal of the migrated cage is necessary

- Risk factors
  - ✓ low BMI, younger age, male sex
  - ✓ loosening of posterior instrumentation
  - ✓ pear/bullet-shaped cage
  - ✓ undersized cages
  - ✓ higher posterior disc height
  - ✓ presence of scoliotic curvature
  - ✓ fusion at the L5/S1 level
- Surgeon experience less than 3 years & lumbar spondylolisthesis appear to be significantly associated with posterior cage migration

Tanaka M, Wei Z, Kanamaru A, Masuda S, Fujiwara Y, Uotani K, Arataki S, Yamauchi T. Revision for cage migration after transforaminal/posterior lumbar interbody fusion: how to perform revision surgery? BMC Surg. 2022 May 11;22(1):172

