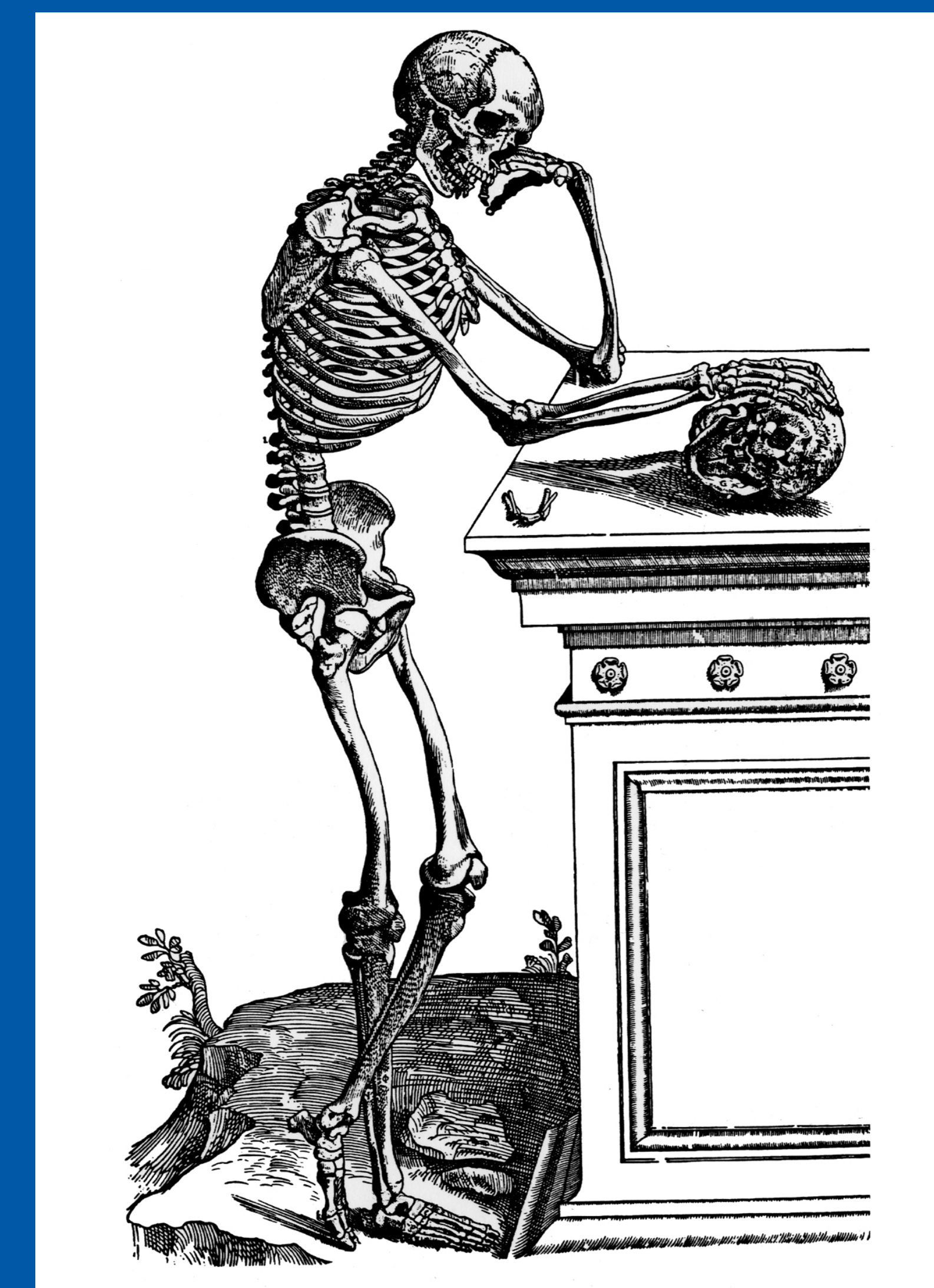


44th Annual Meeting Society of Skeletal Radiology

March 13 - 17, 2021

CASE OF THE DAY: MONDAY

 #SSRBONE21COD3



Robert Morris, MD; Anthony Fortin, MD; Youssef Al Hmada, MD
University of Mississippi Medical Center, Jackson, MS

HISTORY

- 32-year-old male
- Elbow pain for 10 years



DIAGNOSIS

Hemophilic Pseudotumor

- Rare complication of severe hemophilia
- Chronic, complex cystic lesion due to recurrent hemorrhage
- Radiographs - well-defined, lytic, unilocular or multilocular lesion, usually expansile, with bony septations and surrounding reactive sclerosis
- MRI - areas of low T2 signal intensity due to chronic blood products and T1 signal hyperintensity if recent hemorrhage, with a hypointense fibrous capsule that may have a rim of enhancement
- Pathology - fibrinous connective tissue, chronic blood products, macrophages, and hypertrophied synovium
- Diagnosis by imaging appearance and patient history - biopsy is contraindicated due to risk of further bleeding

