Radiographic Approach to Arthritis  
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Objective:
1. Learn to systematically assess the radiographs for features of arthropathies.
2. Be able to differentiate the arthropathies based on erosions, productive changes and distributions.
3. Learn the mass-like arthropathies and how to differentiate them.

Video lectures:
Part I: Radiographic approach to arthritis  
https://www.youtube.com/watch?v=VE9CE8pANuE

Content:
1. Imaging features that differentiate the arthropathies
   a. Erosions, productive changes
      i. Purely productive arthropathies – OA
      ii. Purely erosive arthropathy – RA
      iii. Erosive and productive arthropathy – Spondyloarthropathy / EOA
   b. Distribution of erosive disease
      i. Monoarticular – Infection diagnosis of exclusion
      ii. Polyarticular
         1. Proximal sparing the DIPs – RA>>Psoriatic
         2. DIP involvement – Psoriatic >>>>>>>>>>>RA
         3. Periarticular – Gout

2. Soft tissue features providing clues about the arthropathies
   a. Soft tissue loss - Scleroderma
   b. Soft tissue swelling - Inflammatory
   c. Lumpy bumpy deposition diseases – Gout

3. Special considerations
   a. OA in an atypical distribution: CPPD arthropathy; Hemochromatosis
   b. Mass-like arthropathies
      i. Synovial chondromatosis
      ii. PVNS / synovial giant cell tumor