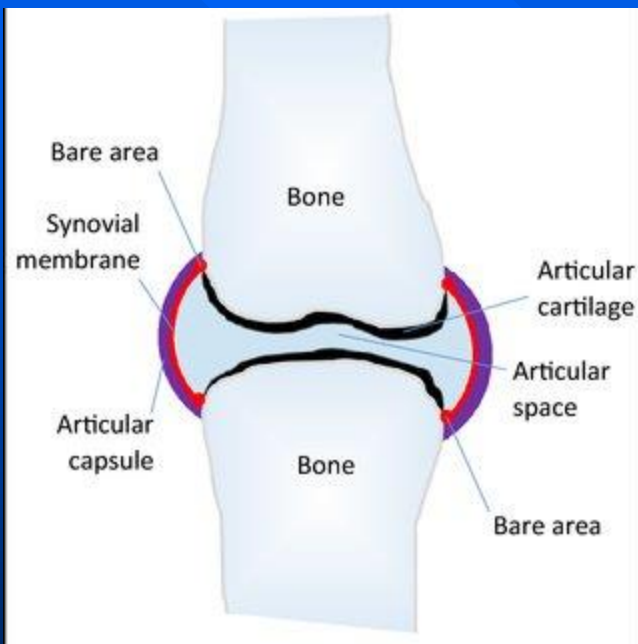
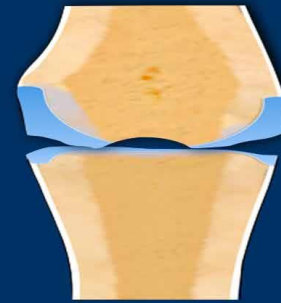


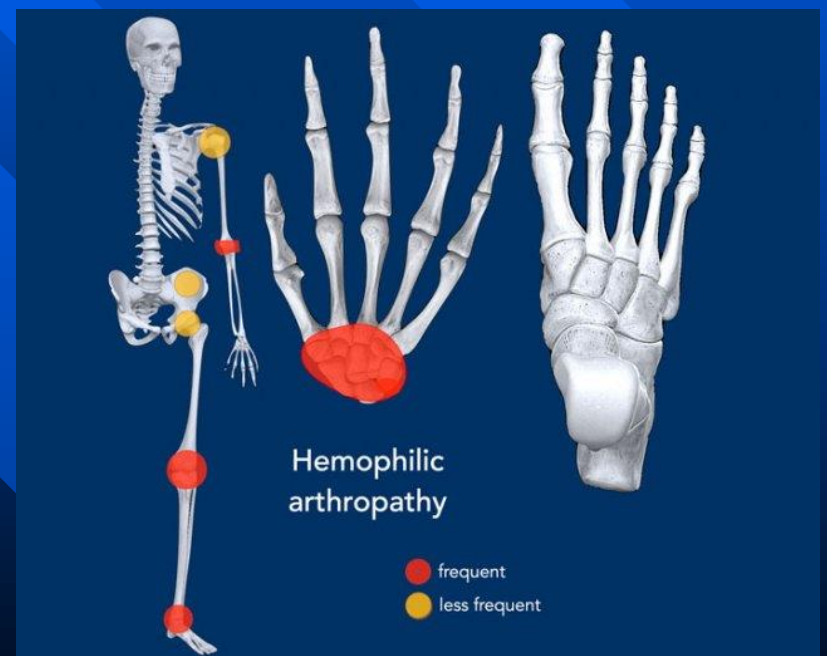
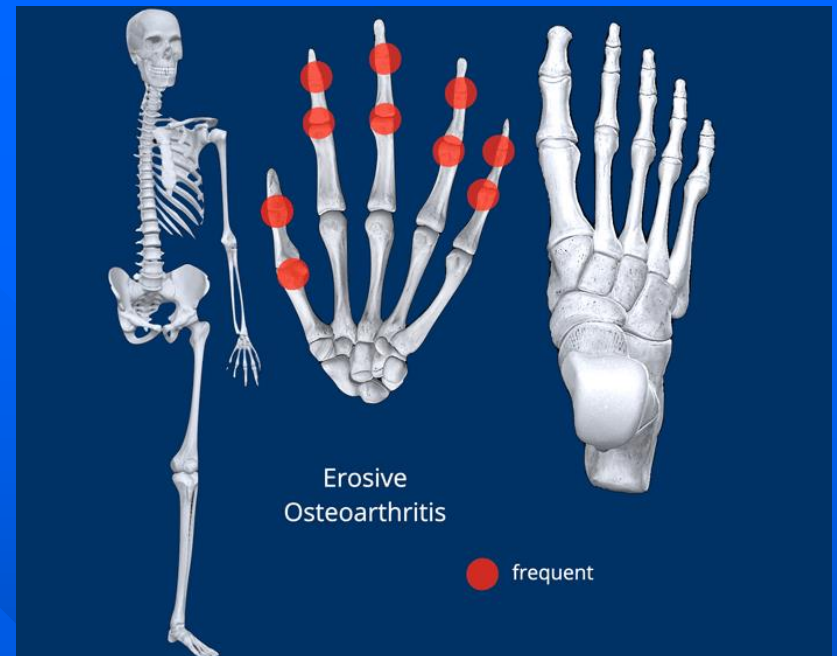
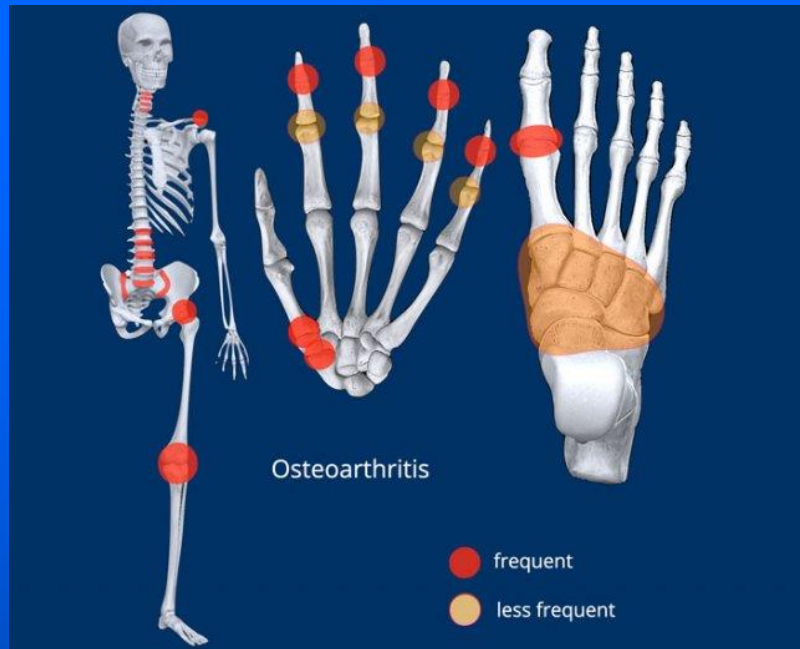


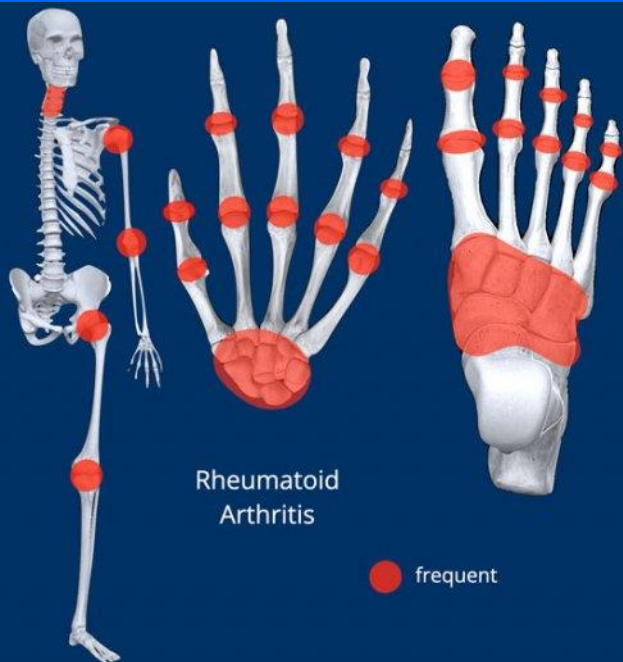


Degenerative



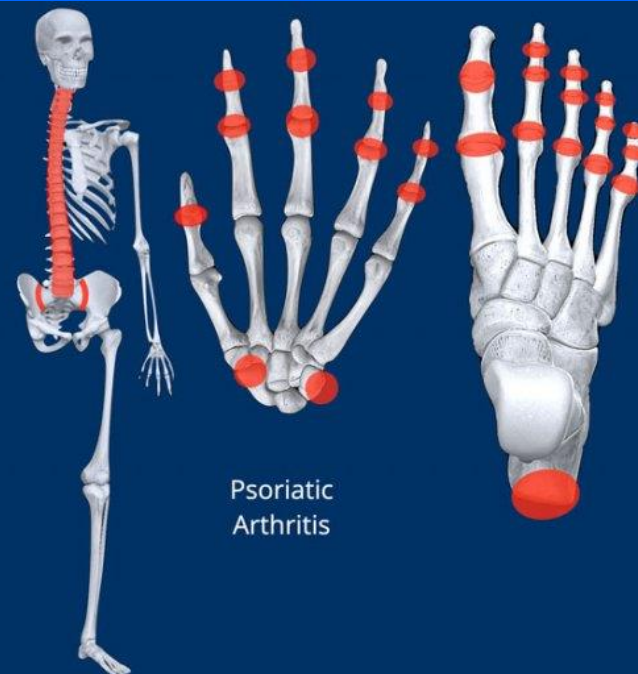
Inflammatory



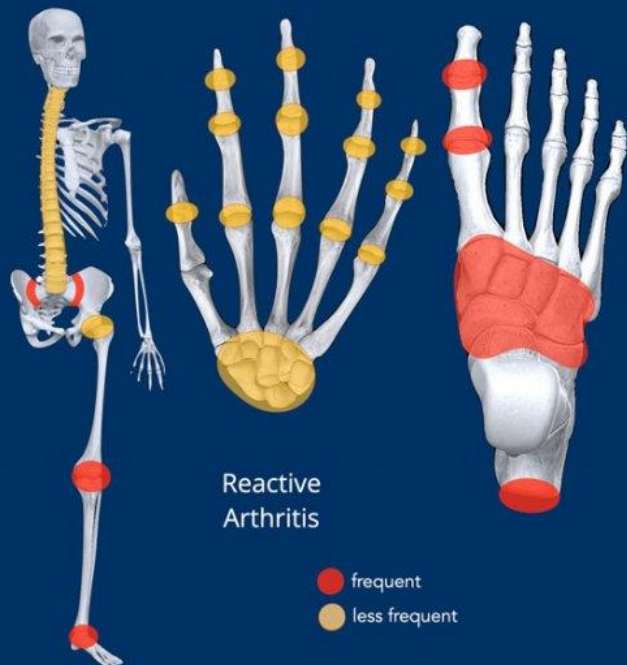


Rheumatoid Arthritis

● frequent

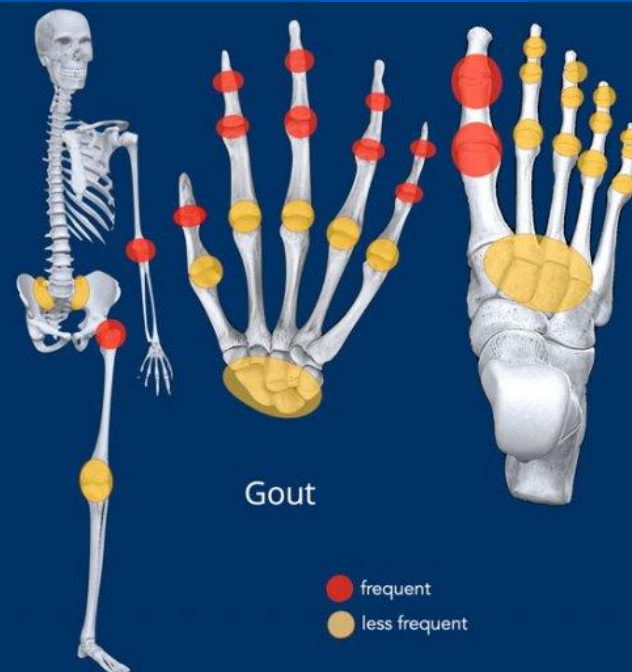


Psoriatic Arthritis



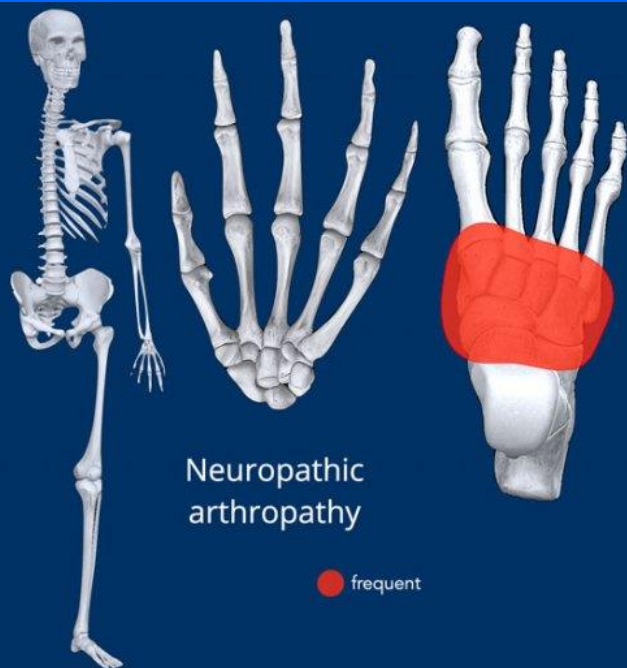
Reactive Arthritis

● frequent
● less frequent



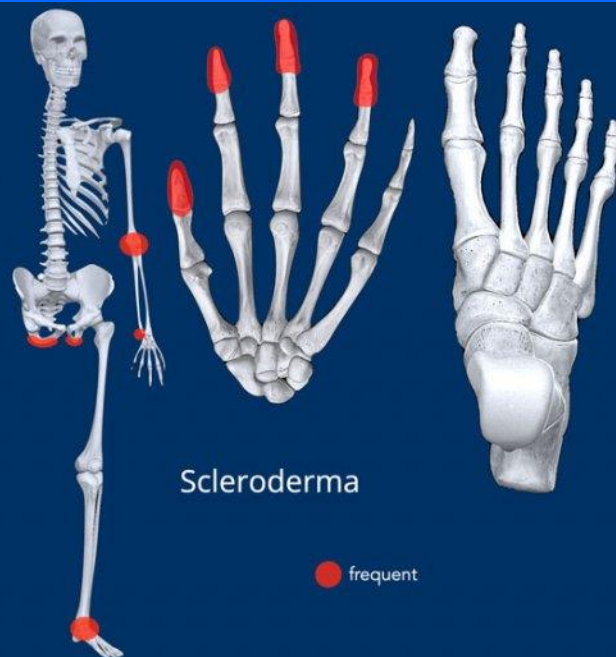
Gout

● frequent
● less frequent



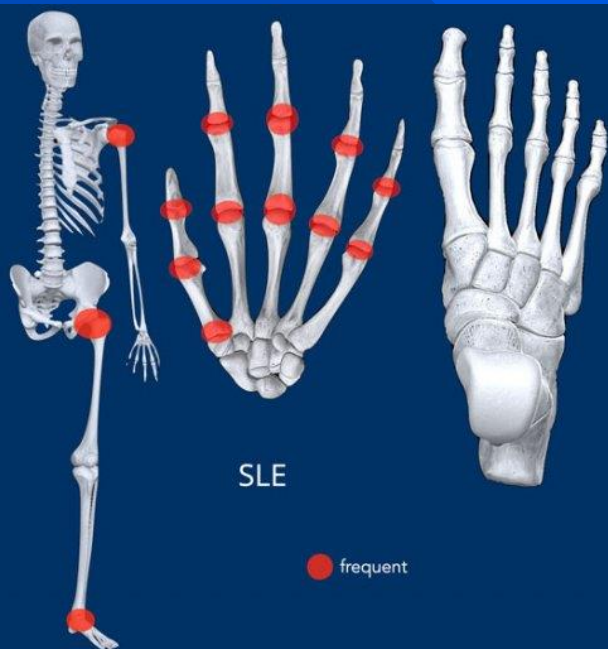
Neuropathic arthropathy

● frequent



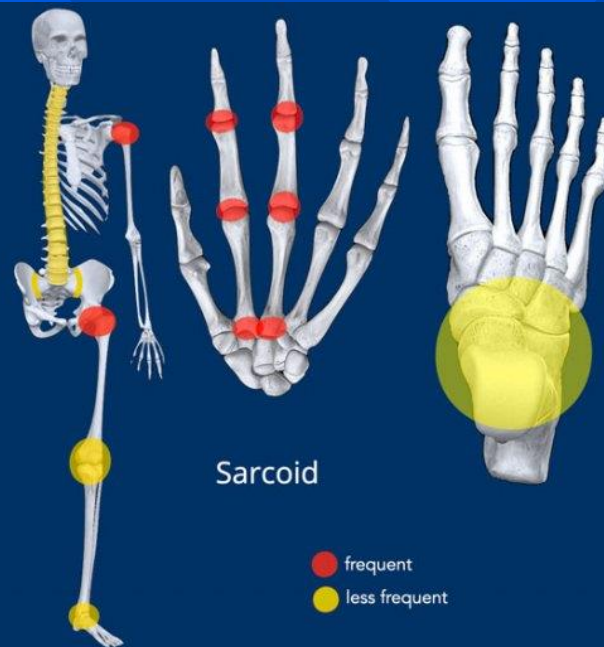
Scleroderma

● frequent



SLE

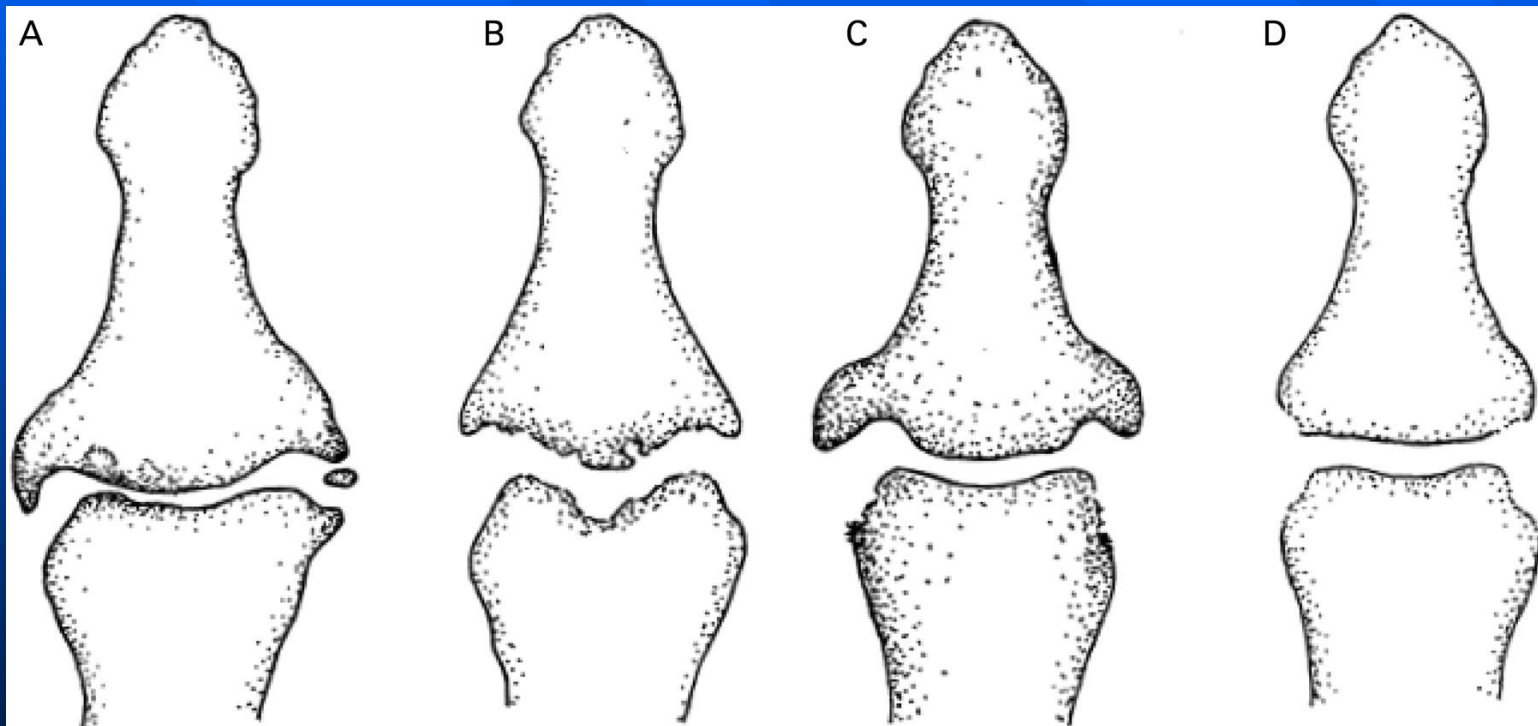
● frequent

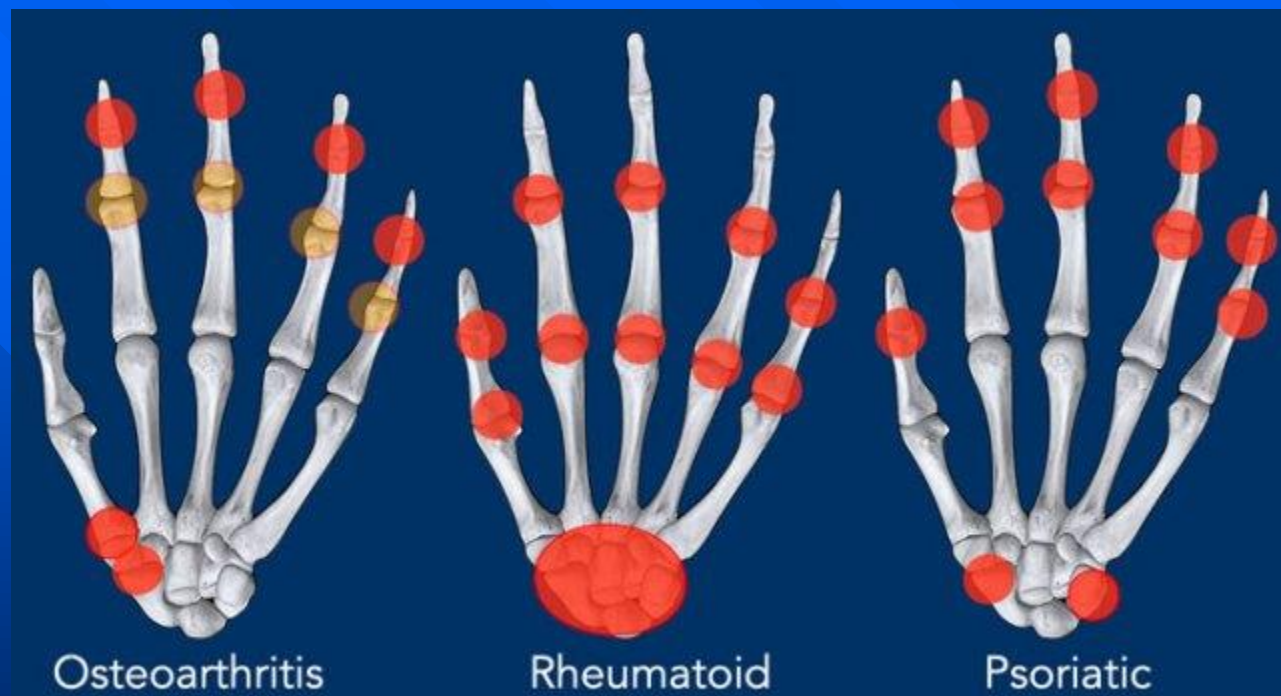
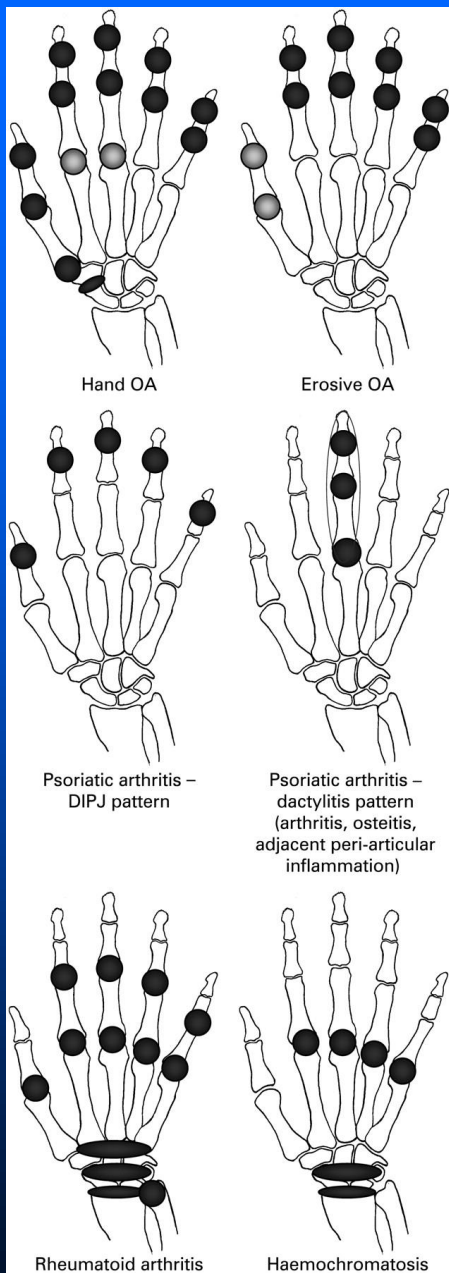


Sarcoid

● frequent
● less frequent

- A = Osteoarthritis (OA)
- B = Erosive OA: subchondral erosion
- C = Psoriasis: proliferative marginal erosion retained or increased bone density; and
- D = Rheumatoid arthritis: non-proliferative marginal erosion, osteopenia





	Target Joints	Bilateral Symmetry	Bone Production	Erosion or Subchondral Resorption	Joint Space	Soft Tissue Calcification or Ossicles	Positional Deformity	Soft Tissue Swelling
Osteoarthritis	First MPJ; medial column	Not usually	Osteophyte; subchondral sclerosis (ebumation); calcaneal spur	Neither; geode with sclerotic rim	Nonuniform narrowing	Loose body	Not usually	No, unless secondary to injury
Rheumatoid Arthritis	Lesser MPJs, hallux IPJ; No lesser toe IPJs	Yes (but not at first)	No; calcaneal spur associated	Erosion (medial only except fifth MPJ); geode; calcaneus bursal projection erosion	Uniform narrowing; ankylosis tarsus (late)	No	Loss of joint apposition; fibular deviation of toes except fifth	Mild to moderate
Psoriatic Arthritis	Lesser MPJs, all IPJs (especially DIPJ)	No, unless it mimics RA	Periostitis, "whiskering", ivory phalanx, calcaneal spur proliferation	Erosion (medial, lateral, or both); arthritis mutilans	Uniform narrowing; ankylosis IPJ (late)	No	Nothing specific	Sausage toe; mild to moderate
Gouty Arthritis	First MPJ, hallux IPJ	No	Overhanging margin of bone (Martel sign)	Erosion	Normal	Calcification (tophi)	Not usually	"Lumpy-bumpy" (tophus)
Charcot Neuropathic Osteo-arthropathy	Metatarsal-tarsal; intertarsal; MPJs, IPJs	No	Diffuse sclerosis; periostitis	Subchondral resorption; arthritis mutilans (forefoot only)	Increased secondary to subchondral resorption	Detritus	Loss of joint apposition: subluxation/dislocation	Regional
Septic Arthritis	No	No	Periostitis (sometimes)	Subchondral resorption	Increased secondary to subchondral resorption	Sequestrum	No	Regional



Primary
Osteoarthritis



Rheumatoid
Arthritis



Psoriatic
Arthritis



CPDD
Arthropathy



Gout

A



Gout



Rheumatoid
Arthritis



Psoriatic
Arthritis



Reiter's
Arthropathy



Diabetic
Neuroarthropathy

B