

Imaging findings - DJD of the hip

Asymmetric	Loss of joint space - mostly in superior compartment
Osteophyte formation	Subchondral cysts
Subchondral sclerosis	Buttressing (thickening of the medial aspect of femoral head)
Joint deformity	

Acetabular Protrusion

Severe medial hip migration	Remodeled acetabulum
Kohler's line reduced	Otto's pelvis - Bilateral, RA
DDx	OA, RA, bone softening, Paget's disease, Osteomalacia
	Normal Variant in females and coxa profunda

DJD of the Knee

Asymmetric loss of joint space (medial)	Genu Varus (bowing)
Subchondral Sclerosis	Subchondral Cysts
Articular deformity and irregularity	Hypertrophic Changes of the intercondylar spines
Enthesopathy of the anterior non-articular surface of the patella	Subluxation
Intraarticular loose bodies - clicking and locking of the knee)	Osteophytes

If BOTH sides of knee joint involved, consider RA

DJD of the Ankle

- Affects talo-crural joint	- Common if previous trauma
Non-uniform loss of joint space	Sclerosis
Subchondral cyst	Osteophytes
Enthesopathy	

Enthesopathy Osseous proliferation at tension/ligament inferior - heel spurs in the feet

Great Toe DJD

Decreased Joint Space	Osteophytes
Hallux Valgus	Subchondral sclerosis
Joint Deformity	

DJD of the shoulder

Not commonly involved without trauma	AC joint involved
Leads to impingement + degeneration of rotator cuff tendons	
Findings	Sclerosis
Subchondral cysts	Osteophytes
Loose Bodies	Loss of joint space



DJD of the hands

Locations	DIPs
	PIPs
	1st MC joints - lateral misalignment
Herberdens nodes	DIPs

Erosive OA

- Inflammatory	- Gull wing appearance of DIP joints
- Causing pain, redness, swelling and decreased ROM	- Elevated ESR
- Sawtoothing & subluxation	- Marginal Erosions

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