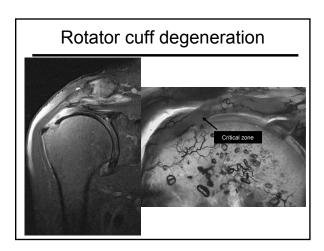
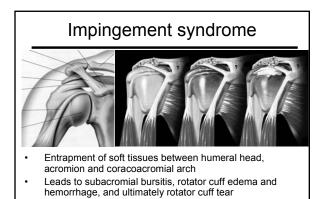


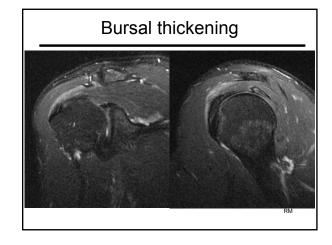
Rotator cuff degeneration

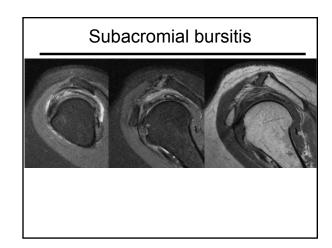
- Impingement
- Aging and degeneration of the cuff
- Ischemia of critical zone
- Glenohumeral instability
- Repetitive trauma

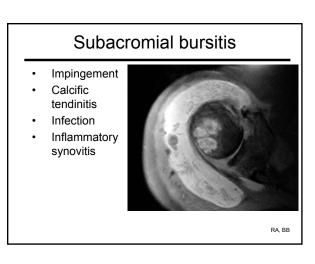


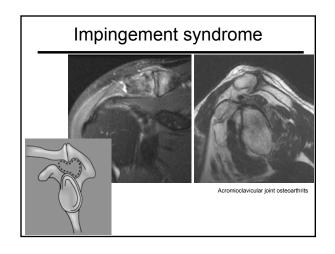


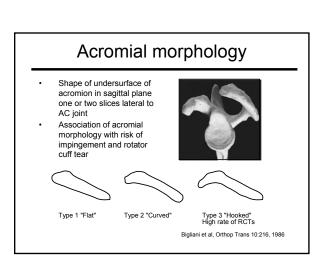


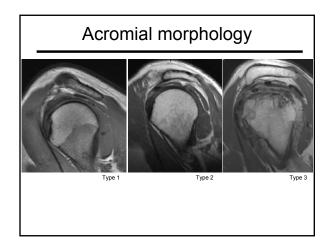


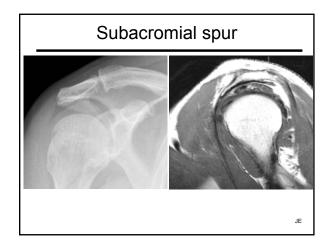


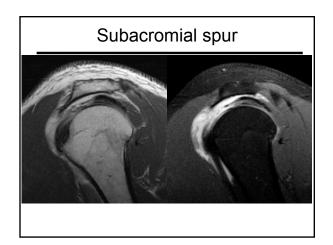


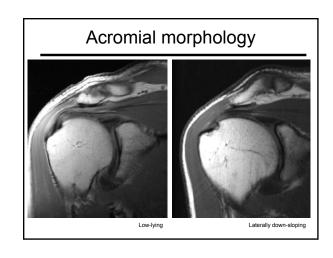


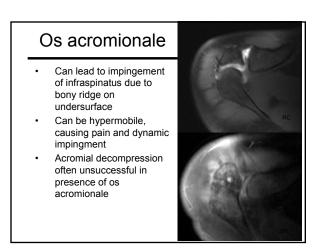


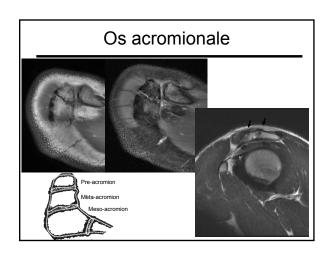


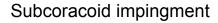




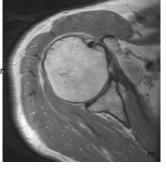




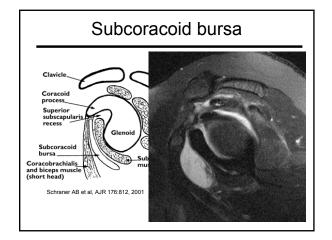




- Normal 4-11 mm
- Subcoracoid impingement <6 mm
- Coracoid tip sclerosis
- Cystic changes of humeral head or lesser tuberosity
- Subcoracoid bursitits
- Tear of subscapularis

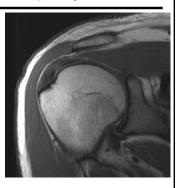


Friedman RJ et al, Cine MRI of the subcoracoid region. Orthopedics 21:545, 1998



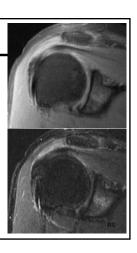
Tendinopathy

- Increased signal on T1 and PD
- Normal signal on T2
- Alteration in tendon size or morphology

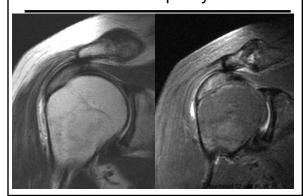


Magic angle

- Field orientation artifact in collagen causing focal T2 prolongation
- Artifact maximal when tissue is oriented at 55° to main magnetic field
- Most prominent on short TE sequences
- Disappears on long TE sequences
- Normal tendon morphology and size



Tendinopathy



Tendinopathy ↔ Partial tear

