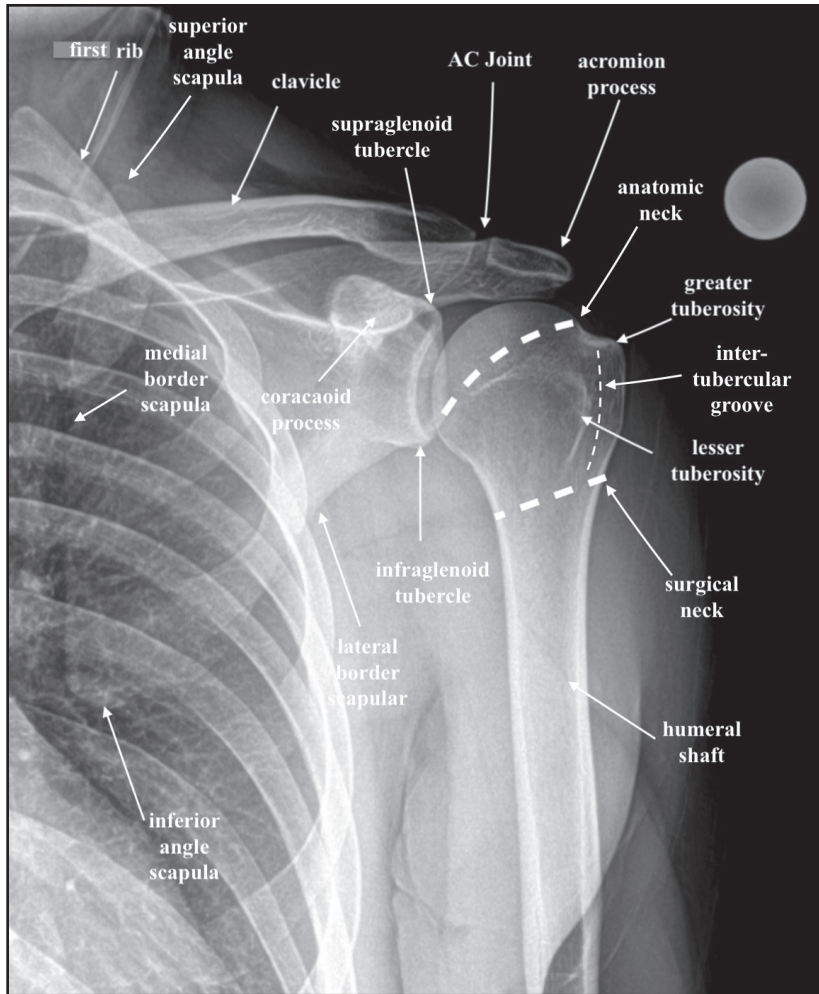


Figure 8-2. Anterior-to-posterior shoulder radiograph with anatomic landmarks labeled.



JOINTS AND LIGAMENTS

- Glenohumeral (GH) joint
 - The GH joint is inherently unstable to allow a large range of motion (ROM).
 - Stability is provided by static and dynamic stabilizers.
 - Dynamic stabilizers
 - Rotator cuff via joint concavity compression, periscapular muscles
 - Static stabilizers
 - Glenoid labrum, articular version, articular conformity, negative intra-articular pressure, capsule/GH ligaments/rotator interval (RI)
 - Glenoid labrum
 - The glenoid labrum is a fibrous ring that is an anchor attachment point for capsuloligamentous structures.
 - It deepens the glenoid cavity and reduces excess GH translation.
 - Excision of the labrum decreases the depth of the GH socket by 50% and reduces resistance to instability by 20%.^{8,9}