Shoulder MRI Cases: MRI Pearls for 2010

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What is causing this shoulder mass?

1. Rotator cuff tear
2. GLOM Sign
3. Biceps tendinosis
4. Intra-osseous body

Case 1

What is demonstrated on this sagittal T2-weighted scan?

1. SGHL tear
2. Biceps tendon tear
3. Subscapularis tendon tear
4. MGHL tear

Case 2

30 yo Male with Anterior Shoulder Dislocation Two Weeks Ago

Case 3

What is the soft tissue abnormality?

1. Dislocated biceps tendon
2. Intra-articular body
3. GLOM sign
4. Air bubble
5. Cord-like middle glenohumeral ligament

Case 3

30 yo Male with Anterior Shoulder Dislocation Two Weeks Ago

T2 FS Upper Portion of Glenohumeral Joint

T2 FS Lower Portion of Glenohumeral Joint
What Position Brings Out This Labral Tear?

1. External rotation
2. Abduction external rotation
3. Internal rotation
4. Adduction internal rotation

Which of the following is not an indication for MR arthrography?

1. Labral tear
2. Shoulder pain in a 65 year old woman
3. Glenohumeral ligament tear
4. Shoulder pain in a 20 year old male

What is the name of this anterior inferior labral tear?

1. ALPSA lesion
2. ALIPSA lesion
3. GAGL lesion
4. Perthes lesion

What is this lesion?

1. Osteochondral lesion
2. Erosion from inflammatory arthritis
3. Bare spot of the glenoid
4. Cartilage defect

What is causing the ↑ SI in the SS tendon?

1. Magic angle phenomenon
2. Tendinosis
3. Partial tear
4. Full thickness tear
What is causing this lesion in the IS muscle?
1. Vessel
2. Paralabral cyst
3. Muscle tear
4. Rotator cuff tear

Which fluid-filled structure is not specifically associated with rotator cuff tear?
1. AC joint cyst
2. Subcoracoid bursa
3. Subacromial-subdeltoid bursa
4. Subscapular recess