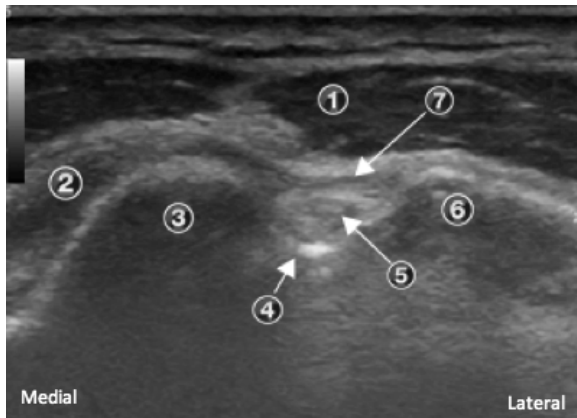


Musculoskeletal Ultrasound Review

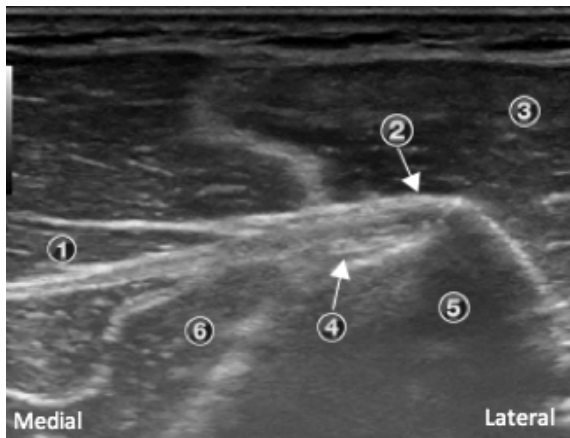
- If the tendon appears hypoechoic, adjust the probe angle to rule out anisotropy before attributing the abnormal echogenicity to pathology.



- LH biceps tendon—transverse:

1. Deltoid muscle
2. Subscapularis tendon
3. Lesser tuberosity
4. Bicipital groove
5. Long head biceps tendon
6. Greater tuberosity
7. Transverse humeral lig

- Follow the LHBT distally to its musculotendinous junction at the level of the pectoralis major tendon insertion on the humeral shaft.
 - Pectoralis major is deep to deltoid.
 - LHBT is deep to pectoralis major.



- Musculotendinous junction of LHBT at pectoralis major tendon insertion:

1. Pectoralis major muscle
2. Pectoralis major tendon insertion
3. Deltoid muscle
4. LHBT musculotendinous junction
5. Humerus
6. Short head of biceps brachii

- After thoroughly imaging the LHBT in the transverse plane, rotate the probe 90-degrees to examine the tendon in the longitudinal plane.
 - To eliminate anisotropy, keep the US beam perpendicular to the tendon by employing the heel-toe maneuver.