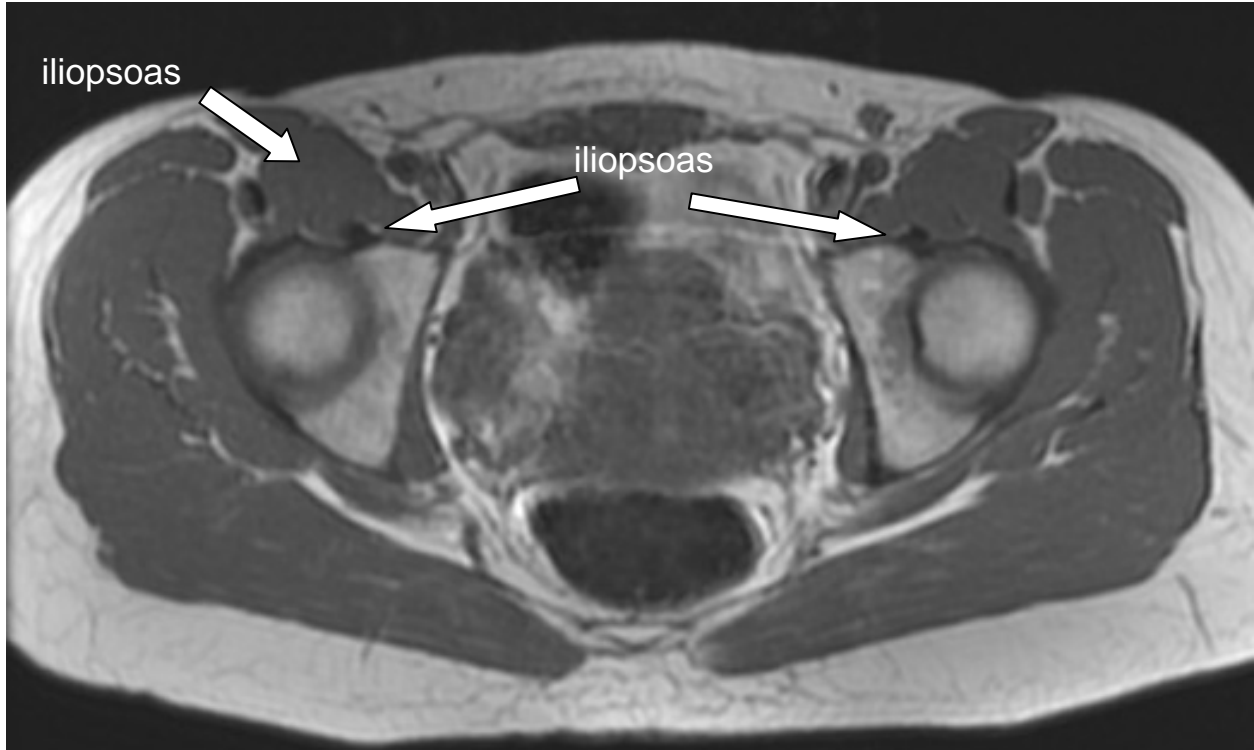
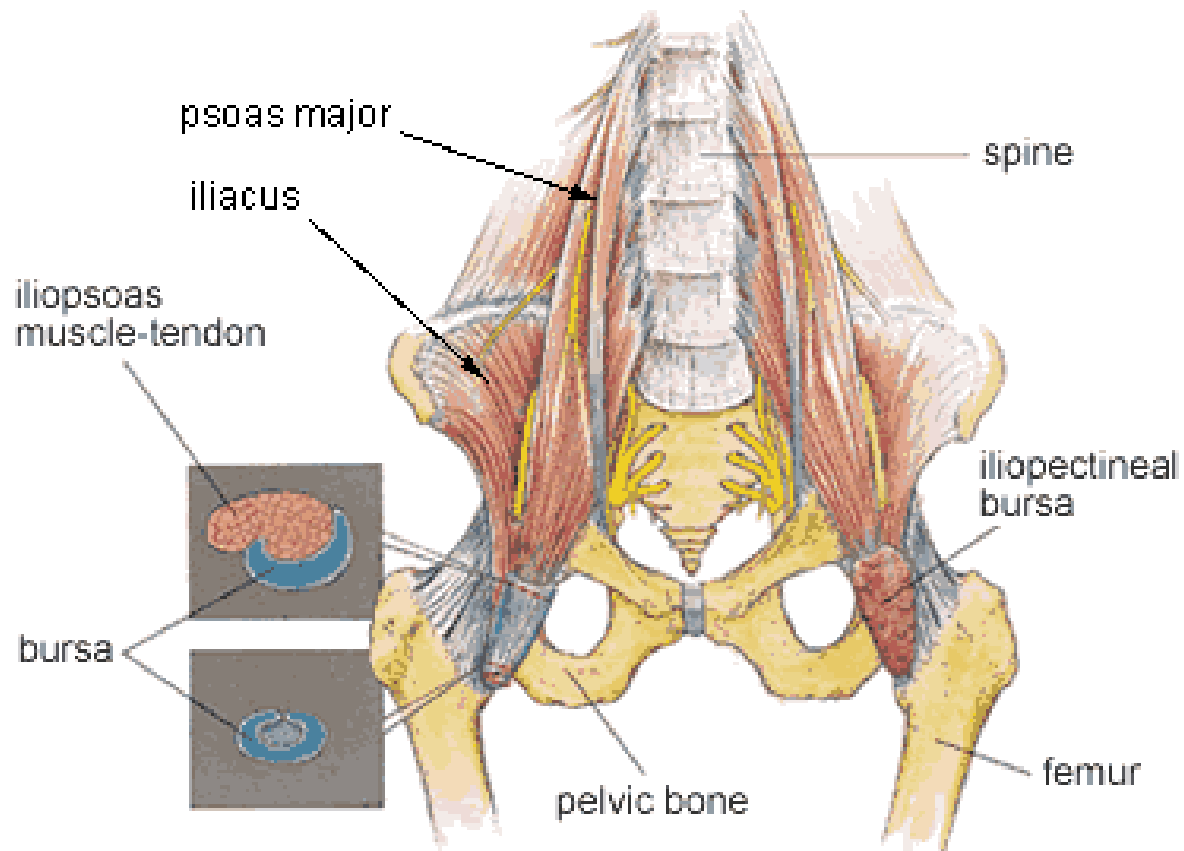


Ultrasound of Iliopsoas tendon and Bursa Injection

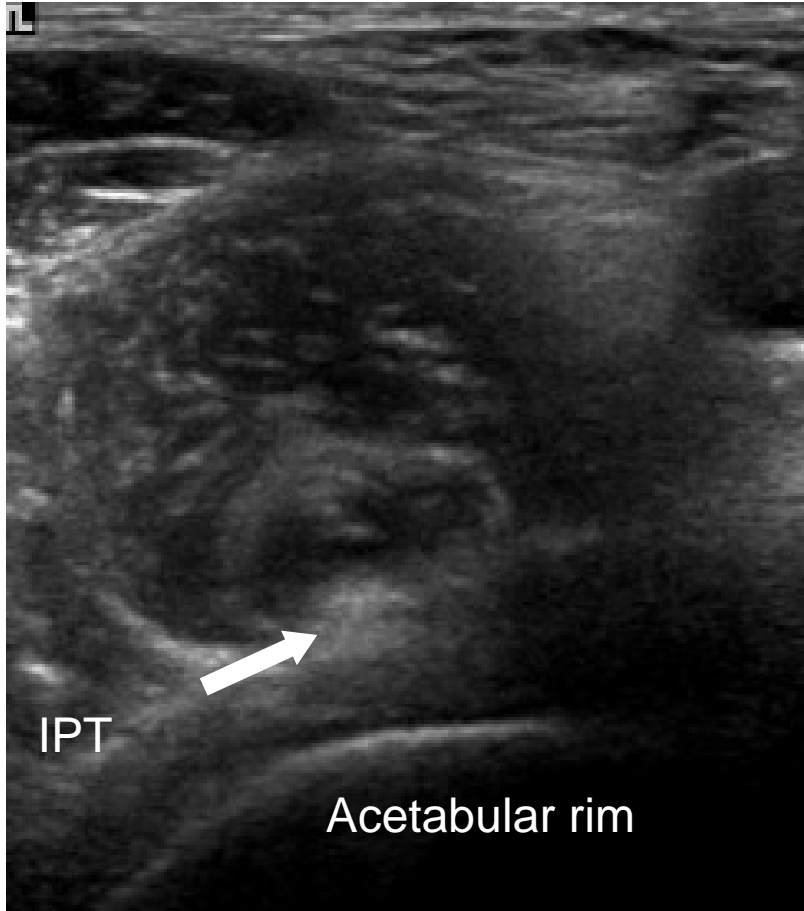
NORMAL ANATOMY:





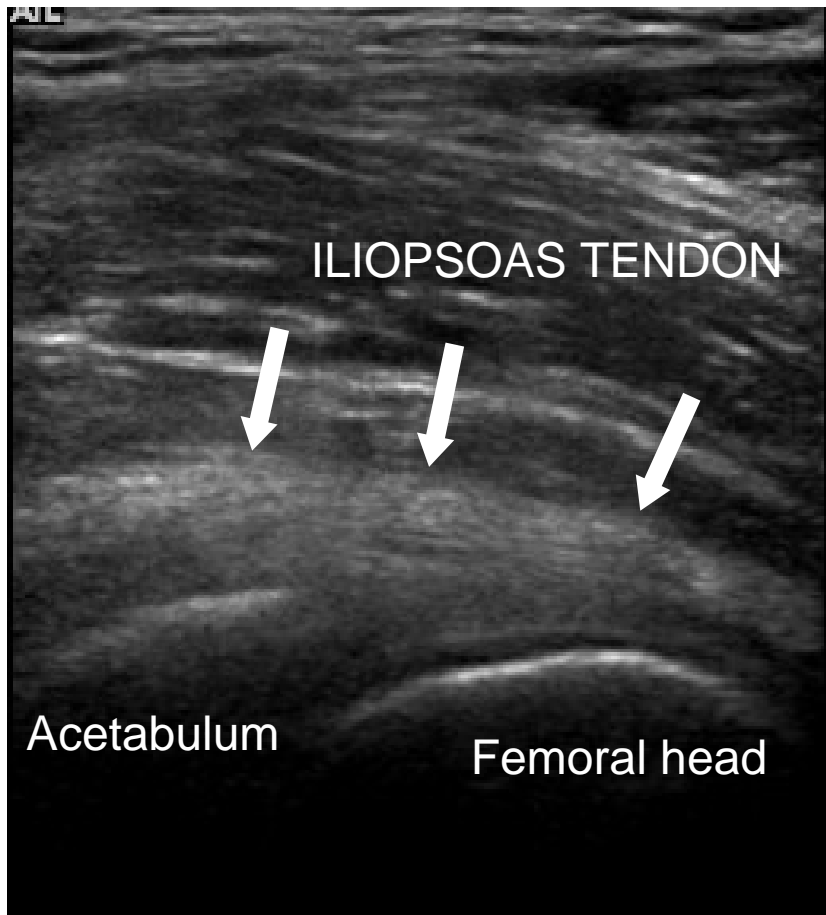
Scan: The anterior aspect of the hip is scanned first using transverse and longitudinal planes with the patient in the supine position and their legs extended.

1. Three transverse images obtained along the course of the iliopsoas tendon down to the insertion onto the lesser trochanter (at the level of the acetabulum/iliac, femoral head, femoral neck)



2. Color Doppler transverse images obtained (same as above).

3. Two longitudinal images iliopsoas muscle tendon (at acetabular rim and femoral neck)



4. Three transverse images of the opposite asymptomatic side (put as side by side images of the right and left).

5. Dynamic part:

A) First ask the patient if they have a snapping sensation within their hip and if so, can they can voluntarily reproduce their snapping sensation, and if so, what type of maneuvers cause the snapping.

B) If they cannot reproduce their snapping while on the table then do the following. With the patient supine on the examination table move the hip from a frog leg position of flexion, external

rotation, and abduction into a position of full extension, adduction and internal rotation.

Transverse cine clip of the iliopsoas tendon at the level of the acetabular rim (Do both sides).

6. Call Musculoskeletal Radiologist

Injection: Transverse image of the iliopsoas tendon at the level of the acetabular rim. Skin mark is placed lateral to the transducer for injection. Inject Lidocaine/Bupivacaine/Steroid.

