

## Syllabus KSUM 2026

# Ultrasonography of the Adult Hip

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### Learning Objectives:

1. Describe normal anatomy of the hip on ultrasound.
2. Discuss common pathologies related to the hip that are assessed on ultrasound.
3. Review common procedures.

### Agenda:

1. Anterior Hip
2. Lateral Hip
3. Posterior Hip
4. Medial Hip

### Anterior Hip Anatomy:

- Normal joint recess
- Iliopsoas myotendinous junction complex
- Iliopsoas tendon
- Rectus femoris tendon
- Lateral femoral cutaneous nerve

### Pathology:

- Joint effusion: aspiration and injection
- THA pseudotumor
- Paralabral cyst
- Iliopsoas avulsion fracture
- Iliopsoas snapping
- Iliopsoas injection
- Iliopsoas bursal fluid
- Pseudoaneurysm

**Lateral Hip Anatomy:**

- Normal facets, tendon attachments and bursae

**Pathology:**

- Bursal fluid: bursal injection
- Calcific tendinosis
- Gluteus minimus and medius tendon tear
- Morel-Lavallee lesion

**Posterior Hip Anatomy:**

- Hamstrings tendons, sciatic nerve
- Ischiofemoral space

**Pathology:**

- Hamstrings tendinosis
- Hamstrings tear
- Ischiofemoral bursitis
- Ischiofemoral impingement

**Medial Hip Anatomy**

- Adductor muscles

**Pathology:**

- Adductor tear

**References**