



Case Study Submission Requirements: Diagnostic MSK

➤ Refer to the *Accreditation Application Manual* for [additional case study submission requirements](#).

Note: MSK Accreditation is offered in 3 different specialties – “Diagnostic MSK Ultrasound”, “Ultrasound of Peripheral Nerves” and “MSK - Ultrasound-Guided Interventional Procedures”. If you are applying for both “Diagnostic MSK” (or “Ultrasound of Peripheral Nerves”) and “US-Guided Interventional Procedures”, the studies you submit for Diagnostic MSK/Peripheral Nerves will also satisfy any diagnostic cases that are required as a part of the MSK US-Guided Interventional Case Submission Requirements.

Only case studies with an ultrasound indication, listed in the relevant practice parameters, will be accepted. (Non-indicated exams will not be accepted.)

Unless instructed otherwise in the bullet points below, **you must submit 4 different types of joints from the main site.**

- **Podiatry practices** should submit foot and ankle exams (preferably 2 of each) from the main site, following the criteria below. From each additional site/mobile unit, submit 1 comprehensive foot or ankle exam.
- **If your scope of practice is limited to specific joints**, please call us to discuss case requirements at (301) 498-4100, option 1 for Accreditation.

From the main site:

Submit a total of 4 diagnostic joint cases from different patients with corresponding final reports as outlined below:

- 2 diagnostic, **comprehensive joint** examinations such that all structures listed in the [MSK Practice Parameters](#) are imaged
 - *A comprehensive examination of a joint includes images of all structures listed on the relevant imaging checklists on pages 2-4. Example: comprehensive elbow would include anterior, lateral, posterior, and medial regions.*
- 2 diagnostic examinations of a **joint-region** such that all structures listed in the [MSK Practice Parameters](#) for a specific region of a joint are imaged
 - *For example, an anterior (joint-region) knee exam would include images of all structures listed under the “anterior” section of the knee imaging checklist. Refer to the MSK Imaging Checklists on the following pages.*

From each additional site or mobile unit:

- submit 1 **comprehensive joint** case with its corresponding final report (comprehensive joint cases must include all structures listed under a specific joint on the imaging checklists)

Diagnostic MSK Imaging Checklists

Comprehensive Shoulder
Labeled images of the following:
BICEPS (<i>joint-region</i>)
<input type="checkbox"/> 1. Long axis views of long head of biceps tendon <input type="checkbox"/> 2. Short axis views of long head of biceps tendon
ROTATOR CUFF (<i>joint-region</i>)
<input type="checkbox"/> 3. Long axis views of subscapularis tendon <input type="checkbox"/> 4. Short axis views of subscapularis tendon <input type="checkbox"/> 5. Long axis views of supraspinatus tendon <input type="checkbox"/> 6. Short axis views of supraspinatus tendon <input type="checkbox"/> 7. Long axis views of infraspinatus tendon <input type="checkbox"/> 8. Short axis views of infraspinatus tendon <input type="checkbox"/> 9. Long axis views of teres minor tendon <input type="checkbox"/> 10. Short axis views of teres minor tendon <input type="checkbox"/> 11. Views of supraspinatus muscle (<i>must be demonstrated with tear diagnosis</i>) <input type="checkbox"/> 12. Views of infraspinatus muscle (<i>must be demonstrated with tear diagnosis</i>) <input type="checkbox"/> 13. Views of subdeltoid bursa <input type="checkbox"/> 14. Views of acromioclavicular joint <input type="checkbox"/> 15. Views of posterior glenohumeral joint
ADDITIONAL VIEWS
<input type="checkbox"/> 16. Views of spinoglenoid notch <input type="checkbox"/> 17. Views of suprascapular notch <input type="checkbox"/> 18. As indicated, dynamic views (<i>video clip(s) required of dynamic view(s)</i>)

Comprehensive Elbow
Labeled images of the following:
ANTERIOR (<i>joint-region</i>)
<input type="checkbox"/> 1. Long axis views of humeroulnar joint <input type="checkbox"/> 2. Short axis views of humeroulnar joint <input type="checkbox"/> 3. Long axis views of humeroradial joint <input type="checkbox"/> 4. Short axis views of humeroradial joint <input type="checkbox"/> 5. Long axis views of biceps tendon <input type="checkbox"/> 6. Short axis views of biceps tendon
LATERAL (<i>joint-region</i>)
<input type="checkbox"/> 7. Long axis views of common extensor tendon <input type="checkbox"/> 8. Short axis views of common extensor tendon <input type="checkbox"/> 9. Views of radiocapitellar joint <input type="checkbox"/> 10. Views of radial collateral ligament <input type="checkbox"/> 11. As indicated, stress/dynamic views (<i>video clip(s) required of dynamic view(s)</i>)
MEDIAL (<i>joint-region</i>)
<input type="checkbox"/> 12. Long axis views of common flexor tendon <input type="checkbox"/> 13. Short axis views of common flexor tendon <input type="checkbox"/> 14. Long axis views of ulnar collateral ligament <input type="checkbox"/> 15. Short axis views of ulnar collateral ligament <input type="checkbox"/> 16. Views of ulnar nerve <input type="checkbox"/> 17. As indicated, stress/dynamic views (<i>video clip(s) required of dynamic view(s)</i>)
POSTERIOR (<i>joint-region</i>)
<input type="checkbox"/> 18. Views of posterior joint space <input type="checkbox"/> 19. Views of triceps tendon <input type="checkbox"/> 20. Views of olecranon process <input type="checkbox"/> 21. Views of olecranon bursa

Diagnostic MSK Imaging Checklists

Comprehensive Wrist & Hand

Labeled images of the following:

VOLAR (joint-region)

- 1. Long axis views of the flexor tendons in the carpal tunnel
- 2. Short axis views of the flexor tendons in the carpal tunnel
- 3. Long axis views of the flexor carpi radialis tendon
- 4. Short axis views of the flexor carpi radialis tendon
- 5. Long axis views of the median nerve proximal and deep to the flexor retinaculum
- 6. Short axis views of the median nerve proximal and deep to the flexor retinaculum
- 7. Long axis views of the ulnar nerve in Guyon's canal

ULNAR (joint-region)

- 8. Long axis views of the triangular fibrocartilage complex
- 9. Short axis views of the triangular fibrocartilage complex
- 10. Long axis views of the extensor carpi ulnaris tendon
- 11. Short axis views of the extensor carpi ulnaris tendon

DORSAL (joint-region)

- 12. Long axis views of the 6 compartments of the wrist extensor tendons
- 13. Short axis views of the 6 compartments of the wrist extensor tendons
- 14. Survey views of the MCP joints for erosive arthritis
- 15. Survey views of the carpal bones for erosive arthritis
- 16. Long axis views of the scapholunate ligament

ADDITIONAL VIEWS

- 17. As indicated, dynamic views (*video clip(s) required of dynamic view(s)*)

Comprehensive Knee

Labeled images of the following:

ANTERIOR (joint-region)

- 1. Long axis views of the quadriceps tendon
- 2. Short axis views of the quadriceps tendon
- 3. Long axis views of the patellar tendon
- 4. Short axis views of the patellar tendon
- 5. Long axis views of the suprapatellar joint recess
- 6. Short axis views of the suprapatellar joint recess
- 7. Images of the distal femoral cartilage
- 8. Images of the prepatellar, superficial, and deep infrapatellar bursae

MEDIAL (joint-region)

- 9. Images of the medial collateral ligament
- 10. Images of the joint space / medial meniscus
- 11. Long axis views of the pes anserine tendons and bursa
- 12. Short axis views of the pes anserine tendons and bursa

LATERAL (joint-region)

- 13. Images of the popliteus tendon
- 14. Biceps femoris tendon demonstrated to its fibular insertion
- 15. Images of the fibular collateral ligament
- 16. Iliotibial band demonstrated to insertion on Gerdy's tubercle
- 17. Images of the joint space / lateral meniscus

POSTERIOR (joint-region)

- 18. If applicable, long and short axis views of Baker's cyst
- 19. Long axis views of the semimembranosus muscle and tendon
- 20. Short axis views of the semimembranosus muscle and tendon
- 21. Long axis views of gastrocnemius muscle and tendon
- 22. Short axis views of the gastrocnemius muscle and tendon

ADDITIONAL VIEWS

- 23. As indicated, dynamic views (*video clip(s) required of dynamic view(s)*)

Diagnostic MSK Imaging Checklists

Comprehensive Ankle & Foot	
Labeled images of the following:	
ANTERIOR (<i>joint-region</i>)	
<input type="checkbox"/> 1. Long axis views of the tibialis anterior tendon <input type="checkbox"/> 2. Short axis views of the tibialis anterior tendon <input type="checkbox"/> 3. Long axis views of extensor hallucis longus tendon <input type="checkbox"/> 4. Short axis views of extensor hallucis longus tendon <input type="checkbox"/> 5. Long axis views of extensor digitorum longus tendon <input type="checkbox"/> 6. Short axis views of extensor digitorum longus tendon <input type="checkbox"/> 7. Images of the anterior joint recess <input type="checkbox"/> 8. Oblique axial images of the anterior tibiofibular ligament	
MEDIAL (<i>joint-region</i>)	
<input type="checkbox"/> 9. Long axis views of the posterior tibial tendon <input type="checkbox"/> 10. Short axis views of the posterior tibial tendon <input type="checkbox"/> 11. Long axis views of the flexor digitorum longus tendon <input type="checkbox"/> 12. Short axis views of the flexor digitorum longus tendon <input type="checkbox"/> 13. Long axis views of the flexor hallucis longus tendon <input type="checkbox"/> 14. Short axis views of the flexor hallucis longus tendon <input type="checkbox"/> 15. Images of the tibial nerve <input type="checkbox"/> 16. Long axis views of the deltoid ligament	
LATERAL (<i>joint-region</i>)	
<input type="checkbox"/> 17. Long axis views of the peroneus brevis tendon <input type="checkbox"/> 18. Short axis views of the peroneus brevis tendon <input type="checkbox"/> 19. Long axis views of the peroneus longus tendon <input type="checkbox"/> 20. Short axis views of the peroneus longus tendon <input type="checkbox"/> 21. Images of the calcaneofibular ligament <input type="checkbox"/> 22. Images of the anterior talofibular ligament <input type="checkbox"/> 23. Dynamic images as clinically indicated	
POSTERIOR (<i>joint-region</i>)	
<input type="checkbox"/> 24. Long axis views of the Achilles tendon <input type="checkbox"/> 25. Short axis views of the Achilles tendon <input type="checkbox"/> 26. Images of the retrocalcaneal bursa <input type="checkbox"/> 27. Long axis views of the plantar fascia <input type="checkbox"/> 28. Short axis views of the plantar fascia	
DIGITAL AND INTERDIGITAL JOINTS (not required for comprehensive exam unless it is reported)	
<input type="checkbox"/> 29. Long axis views of the metatarsophalangeal joints <input type="checkbox"/> 30. Short axis views of the metatarsophalangeal joints <input type="checkbox"/> 31. Long axis views of other joints demonstrated <input type="checkbox"/> 32. Short axis views of other joints demonstrated <input type="checkbox"/> 33. Long axis views of the interdigital spaces	

Diagnostic MSK Imaging Checklists

Comprehensive Adult Hip
Labeled images of the following:
ANTERIOR (<i>joint-region</i>)
<input type="checkbox"/> 1. Long axis views of femoral head, neck, labrum and joint space <input type="checkbox"/> 2. Short axis views of femoral head, neck, labrum and joint space <input type="checkbox"/> 3. Long axis views of iliopsoas tendon and bursa <input type="checkbox"/> 4. Short axis views of iliopsoas tendon and bursa <input type="checkbox"/> 5. Long axis views of sartorius muscle <input type="checkbox"/> 6. Short axis views of sartorius muscle <input type="checkbox"/> 7. Long axis views of rectus femoris tendon <input type="checkbox"/> 8. Short axis views of rectus femoris tendon
LATERAL (<i>joint-region</i>)
<input type="checkbox"/> 9. Long axis views of the greater trochanter and greater trochanteric bursa <input type="checkbox"/> 10. Short axis views of the greater trochanter and greater trochanteric bursa <input type="checkbox"/> 11. Long axis views of the gluteus medius and gluteus minimus tendons <input type="checkbox"/> 12. Short axis views of the gluteus medius and gluteus minimus tendons <input type="checkbox"/> 13. Long axis views of the iliotibial band <input type="checkbox"/> 14. Short axis views of the iliotibial band
MEDIAL (<i>joint-region</i>)
<input type="checkbox"/> 15. Long axis views of the adductor muscles and tendon <input type="checkbox"/> 16. Short axis views of the adductor muscles and tendon <input type="checkbox"/> 17. Images of the pubic symphysis <input type="checkbox"/> 18. Images of the distal rectus abdominis insertion
POSTERIOR (<i>joint-region</i>)
<input type="checkbox"/> 19. Long axis views of the proximal hamstrings <input type="checkbox"/> 20. Short axis views of the proximal hamstrings <input type="checkbox"/> 21. Images of the sciatic nerve
ADDITIONAL VIEWS
<input type="checkbox"/> 22. Dynamic views, if indicated (<i>video clip(s) required of dynamic view(s)</i>)

Comprehensive Infant Hip
Labeled images of the following:
RIGHT HIP (<i>joint-region</i>)
<input type="checkbox"/> 1. Coronal view of the RIGHT hip demonstrating femoral head position <input type="checkbox"/> 2. Transverse view of RIGHT hip demonstrating relationship of femoral head to the posterior acetabulum with femur at rest <input type="checkbox"/> 3. Transverse view of RIGHT hip demonstrating relationship of femoral head to the posterior acetabulum with femur in flexion <input type="checkbox"/> 4. Transverse view of RIGHT hip demonstrating relationship of femoral head to the posterior acetabulum with mild posterior stress
LEFT HIP (<i>joint-region</i>)
<input type="checkbox"/> 5. Coronal view of the LEFT hip demonstrating femoral head position <input type="checkbox"/> 6. Transverse view of LEFT hip demonstrating relationship of femoral head to the posterior acetabulum with femur at rest <input type="checkbox"/> 7. Transverse view of LEFT hip demonstrating relationship of femoral head to the posterior acetabulum with femur in flexion <input type="checkbox"/> 8. Transverse view of LEFT hip demonstrating relationship of femoral head to the posterior acetabulum with mild posterior stress

Neonatal Spine
Labeled images of the following:
<input type="checkbox"/> 1. Vertebral bodies (e.g., T12, L1, etc.) <input type="checkbox"/> 2. Longitudinal images of spinal cord in region of interest <input type="checkbox"/> 3. Transverse images of spinal cord in region of interest <input type="checkbox"/> 4. Level of the termination of the conus <input type="checkbox"/> 5. Position of the cord within the spinal canal <input type="checkbox"/> 6. Thecal sac and nerve roots of the cauda equina <input type="checkbox"/> 7. Subarachnoid space, dura, and epidural space

Changes made to this document since previous version:

7/24/24	added requirement for proper exam indication
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