

TEACHING POINTS

Nontraumatic Musculoskeletal Module

MyEMCert teaching points can be used to focus areas of study and preparation. The teaching point does not contain specific information that would lead you to the diagnosis or correct answer but would instead direct you to learning and reference materials.

Nontraumatic Musculoskeletal Teaching Points

Pain Management

- Evaluation of patients with musculoskeletal pain
- Pain control (including pharmacotherapy) for musculoskeletal pain
- Nonpharmacologic methods to reduce orthopedic pain
- Defining functional outcomes for the treatment of back pain
- Identification of opiate use disorder

Rashes

- Causes of common rashes
- Identification of common rashes
- Diagnostic evaluation* of common rashes
- Treatment for specific causes of common rashes
- Causes of painful rashes
- Underlying conditions associated with painful rashes
- Conditions and complications associated with painful rashes
- Treatment of specific causes of painful rashes
- Causes of pruritic rashes
- Diagnostic approach to pruritic rashes
- Treatment of specific causes of pruritic rashes

Children

- Causes of common pediatric rashes
- Identification of common pediatric rashes
- Diagnostic evaluation of common pediatric rashes
- Treatment for specific causes of common pediatric rashes

Joints and Arthropathies

- Causes of monoarticular joint swelling
- Diagnostic evaluation of a swollen joint
- Treatment of specific causes of a swollen joint
- Causes of polyarticular arthralgia
- Diagnostic evaluation of polyarticular arthralgia
- Treatment of specific causes of polyarticular arthralgia
- Causes of migratory arthralgia
- Diagnostic approach to migratory arthralgia
- Treatment of specific causes of migratory arthralgia
- Causes of rash-associated arthralgia
- Diagnostic evaluation of rash-associated arthralgia
- Treatment of specific causes of rash-associated arthralgia
- Causes of hemarthrosis
- Diagnostic approach to hemarthrosis
- Treatment of specific causes of hemarthrosis
- Causes of monoarticular arthralgia in the young adult
- Diagnostic approach to monoarticular arthralgia in the young adult
- Treatment of specific causes of monoarticular arthralgia in the young adult
- Indications for performing an arthrocentesis
- Technique for performing an arthrocentesis
- Ordering analyses on synovial fluid

Children

- Causes of monoarticular joint swelling in a child
- Diagnostic evaluation of a swollen joint in a child
- Treatment of specific causes of a swollen joint in a child
- Causes of monoarticular arthralgia in a child
- Diagnostic approach to monoarticular pediatric arthralgia
- Treatment of specific causes of monoarticular pediatric arthralgia
- Causes of polyarticular arthralgia in a child
- Diagnostic approach to polyarticular pediatric arthralgia
- Treatment of specific causes of polyarticular pediatric arthralgia
- Distinguishing low-acuity from high-acuity causes of pediatric arthralgia

Shoulder

- Causes of shoulder pain
- Diagnostic approach to shoulder pain
- Treatment for specific causes of shoulder pain
- Common shoulder injuries
- Diagnostic approach to common shoulder injuries
- Treatment of common shoulder injuries

Elbow

- Causes of elbow pain
- Diagnostic approach to elbow pain
- Treatment for specific causes of elbow pain

Hand

- Causes of hand tendonitis
- Diagnostic evaluation of hand tendonitis
- Treatment for specific causes of hand tendonitis
- Diagnostic evaluation of hand trauma and wounds
- Complications from hand trauma and wounds
- Treatment of specific hand trauma and wounds
- Causes of finger and hand infections
- Types of finger and hand infections
- Diagnostic approach to finger and hand infections
- Treatment of specific causes of finger and hand infections

Lower Extremity

- Causes of hip pain
- Diagnostic evaluation of hip pain
- Treatment of specific causes of hip pain
- Causes of lower extremity tendonitis
- Diagnostic evaluation of lower extremity tendonitis
- Treatment of specific causes of lower extremity tendonitis

Limping Child

Children

- Causes of limping in a child
- Diagnostic approach to the limping child
- Distinguishing low-acuity from high-acuity causes of pediatric limping
- Treatment of specific causes of childhood limping

Spine (General)

- Causes of spinal cord compression
- Diagnostic evaluation for suspected spinal column compression
- Treatment for specific causes of spinal cord compression

Cervical Spine and Anterior Neck

- Causes of cervical pain
- Diagnostic evaluation of cervical pain, including imaging
- Distinguishing low-acuity from high-acuity causes of cervical pain
- Treatment of specific causes of cervical pain
- Diagnostic evaluation of blunt cervical trauma, including imaging
- Treatment of specific conditions resulting from blunt cervical trauma
- Causes of cervical lymphadenopathy
- Diagnostic approach to cervical lymphadenopathy
- Treatment of specific causes of cervical lymphadenopathy
- Causes of an anterior neck mass
- Diagnostic evaluation of an anterior neck mass
- Treatment of specific causes of an anterior neck mass
- Causes of submandibular swelling
- Diagnostic approach to submandibular swelling
- Treatment of specific causes of submandibular swelling
- Assessing the difficult airway
- Procedural approach to the difficult airway

Children

- Causes of pediatric torticollis
- Diagnostic evaluation of pediatric torticollis
- Treatment of specific causes of pediatric torticollis

Thoracic Spine

- Causes of thoracic back pain
- Diagnostic evaluation of thoracic back pain, including imaging
- Distinguishing low-acuity from high-acuity causes of thoracic back pain
- Treatment of specific causes of thoracic back pain

Lumbar Spine and Low Back Pain

- Causes of atraumatic low back pain
- Diagnostic evaluation of atraumatic low back pain
- Distinguishing low-acuity from high-acuity causes of atraumatic low back pain
- Treatment of specific causes of atraumatic low back pain
- Causes of traumatic low back pain
- Diagnostic evaluation of traumatic low back pain, including imaging
- Distinguishing low-acuity from high-acuity causes of traumatic back pain
- Treatment of specific causes of traumatic low back pain
- Typical clinical course of uncomplicated low back pain
- Pharmacologic management of low back pain
- Defining functional outcomes with low back pain
- Typical discharge instructions from the emergency department for the patient with uncomplicated low back pain
- Causes of lumbar radiculopathy
- Diagnostic evaluation of lumbar radiculopathy
- Treatment of specific causes of lumbar radiculopathy
- Causes of spinal nerve root compression, including cauda equina syndrome
- Diagnostic evaluation for suspected spinal nerve root compression
- Treatment for specific causes of spinal nerve root compression cord
- Causes of peritoneal and retroperitoneal generated back and flank pain
- Diagnostic evaluation to identify causes of peritoneal and retroperitoneal generated back and flank pain
- Treatment of specific causes of peritoneal and retroperitoneal generated back and flank pain

Additional Topics

- Causes of scalp infections
- Diagnostic evaluation of scalp infections
- Treatment of specific causes of scalp infections
- Conditions caused by insect bites
- Diagnostic evaluation of symptoms caused by insect bites
- Treatment of specific conditions caused by insect bites
- Associated complications of Henoch Schönlein Purpura (HSP)
- Diagnostic evaluation for suspected HSP
- Treatment of HSP

****Diagnostic evaluation includes the medical history and physical examination as well as any other laboratory, imaging, or other study to gather medical information.***