

TEACHING POINTS

Head and Neck 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.

Head and Neck Teaching Points

Head

- Causes of headache
- Diagnostic evaluation* of headache
- Differentiating low-acuity and high-acuity causes of headache
- Treatment of specific types of headache
- Causes of headache in pregnancy
- Treatment (including pharmacotherapy) of specific types of headache in pregnancy, including pharmacotherapy
- Causes of alopecia
- Treatment of specific conditions that cause alopecia

Children

- Diagnostic evaluation of mild Traumatic Brain Injury (TBI) in children
- Treatment of specific causes of mild TBI in children

Facial Region

- Causes of facial weakness
- Diagnostic approach to facial weakness
- Treatment of specific causes of facial weakness
- Causes of facial numbness
- Diagnostic approach to facial numbness
- Treatment of specific causes of facial numbness
- Causes of cranial nerve palsies
- Diagnostic approach to cranial nerve palsies
- Treatment approach to specific types of cranial nerve palsies

- Causes of facial swelling
- Diagnostic approach to facial swelling
- Treatment of specific causes of facial swelling
- Causes of jaw swelling
- Diagnostic approach to jaw swelling
- Treatment of specific causes of jaw swelling
- Possible injuries from facial trauma
- Diagnostic approach to facial trauma, including imaging
- Treatment of common facial injuries
- Clinical presentation of mandibular trauma, including dislocation
- Diagnostic approach to mandibular trauma, including dislocation
- Treatment of specific causes of traumatic mandibular conditions, including dislocation

Eyes, Orbits, and Periorbital Region

- Causes of eye redness
- Diagnostic approach to the red eye
- Treatment of specific causes of the red eye
- Discharge instructions for specific causes of the red eye
- Causes of conjunctivitis
- Diagnostic evaluation of conjunctivitis
- Treatment of specific causes of conjunctivitis
- Causes of eye pain
- Diagnostic evaluation of eye pain
- Treatment of specific causes of eye pain
- Causes of acute visual changes, including monocular changes
- Diagnostic evaluation of acute visual changes including monocular changes
- Treatment of specific causes of visual changes including monocular changes
- Causes of traumatic eye pain
- Diagnostic evaluation of ocular trauma
- Treatment of specific injuries from ocular trauma
- Diagnostic approach to corneal abrasion
- Complications from corneal abrasion
- Treatment of corneal abrasion

Children

- Causes of pediatric eye redness
- Physical findings of various causes to pediatric red eye
- Causes of eye pain in children
- Diagnostic evaluation of pediatric eye pain
- Treatment of specific causes of pediatric eye pain

Ears, Auricles, and Peri-auricular Area

- Causes of ear pain
- Diagnostic approach to ear pain
- Treatment of specific causes of ear pain
- Causes of external ear pain
- Assessment of external ear pain
- Treatment of specific causes of external ear pain
- Assessment of auricular hematoma
- Treatment of auricular hematoma

Children

- Causes of pediatric ear pain
- Diagnostic approach to pediatric ear pain
- Treatment of specific causes of pediatric ear pain
- Causes of pediatric otitis media
- Diagnostic approach to pediatric otitis media
- Treatment of pediatric otitis media
- Causes for external and periauricular ear pain in children
- Diagnostic evaluation of external and periauricular ear pain in children
- Treatment of specific causes of external and periauricular ear pain in children

Nose

- Causes of epistaxis
- Diagnostic evaluation of epistaxis
- Differentiating anterior from posterior epistaxis
- Treating anterior epistaxis
- Treating posterior epistaxis
- Complications from the treatment of anterior epistaxis
- Complications from the treatment of posterior epistaxis

Children

- Causes of epistaxis in children
- Evaluation of pediatric epistaxis
- Treating epistaxis in children
- Treating specific causes of epistaxis in children
- Diagnostic evaluation of pediatric nasal foreign bodies
- Treatment of pediatric nasal foreign bodies

Pharynx and Intra-Oral Region

- Causes of pharyngitis
- Diagnostic evaluation of pharyngitis
- Treatment of specific causes of pharyngitis
- Centro criteria for pharyngitis
- Causes of pharyngeal and intra-oral pain
- Diagnostic evaluation of pharyngeal and intra-oral pain
- Treatment of specific causes of pharyngeal and intra-oral pain
- Causes of oral rashes and exudates
- Diagnostic evaluation of oral rashes and exudates
- Treatment of specific oral rashes and exudates
- Causes of tonsillar exudates
- Diagnostic evaluation of tonsillar exudates
- Treatment of specific causes of tonsillar exudates
- Causes of intra-oral and tongue lesions
- Diagnostic evaluation of intra-oral and tongue lesions
- Treatment of specific causes of intra-oral and tongue lesions

Children

- Causes of pharyngitis in children
- Diagnostic evaluation of pediatric pharyngitis
- Treatment of specific causes of pediatric pharyngitis
- Causes of pharyngeal pain in children
- Diagnostic evaluation of pharyngeal pain in children

- Treatment of specific disorders that cause pharyngeal pain in children
- Causes of oral rashes and exudates in children
- Diagnostic evaluation of pediatric oral rashes and exudates
- Treatment of specific pediatric oral rashes and exudates

Dental

- Causes of dental pain
- Diagnostic approach to dental pain
- Treatment of specific causes of dental pain
- Clinical presentation of suspected dental and periodontal infections
- Diagnostic approach to suspected dental and periodontal infections
- Treatment approach to dental and periodontal infections
- Ellis classification of dental trauma
- Evaluation of dental trauma in adults
- Treatment of specific types of dental trauma in adults

Children

- Evaluation of dental trauma in children
- Treatment of specific types of dental trauma in children
- Upper Airway
- Causes of hoarseness
- Diagnostic evaluation of hoarseness
- Treatment of specific causes of hoarseness
- Children
- Causes of pediatric stridor
- Diagnostic evaluation of pediatric stridor
- Treatment of specific causes of pediatric stridor

Swallowing and Trismus

- Causes of dysphagia
- Diagnostic evaluation of dysphagia
- Treatment of specific causes of dysphagia
- Causes of trismus
- Diagnostic approach to trismus
- Treatment of specific causes of trismus

Children

- Causes of dysphagia in children
- Diagnostic evaluation of dysphagia in children
- Treatment of specific causes of pediatric dysphagia
- Assessment of pediatric foreign body aspiration
- Treatment of pediatric foreign body aspiration

Anterior Neck and Submandibular Area

- Causes of submandibular swelling
- Diagnostic approach to submandibular swelling
- Treatment of various causes of submandibular swelling
- Assessing the difficult airway
- Airway approaches with massive submandibular swelling
- Causes of neck swelling or fullness
- Diagnostic approach to neck swelling or fullness

- Treatment of specific causes of neck swelling or fullness
- Causes of thyroiditis
- Diagnostic approach to thyroiditis
- Treatment of thyroiditis

Cervical Spine and Spinal Cord

- Causes of neck spasms
- Diagnostic evaluation of neck spasms
- Treatment of specific causes of neck spasms
- Causes of neck stiffness
- Diagnostic approach to neck stiffness, including imaging

Children

- Causes of pediatric torticollis
- Diagnostic approach to pediatric torticollis
- Treatment of specific causes of pediatric torticollis
- Diagnostic evaluation of pediatric cervical injury
- Treatment of specific types of pediatric cervical injury

Allergies

- Types of allergic reactions
- Diagnostic evaluation of allergic reactions
- Treatment of various forms of allergic reaction, including severe reaction
- Causes of angioedema
- Diagnostic evaluation of angioedema
- Treatment of angioedema

Children

- Types of pediatric allergic reactions
- Diagnostic evaluation of pediatric allergic reaction
- Treatment of various forms of pediatric allergic reaction, including severe reaction
- Evaluation of pediatric allergic reactions
- Treatment of different types of pediatric allergic reactions

Miscellaneous Topics

- Causes of hypotension
- Types of shock (and causes)
- Diagnostic approaches to the various types of shock
- Treatment approaches to the various types of shock
- Causes of dizziness
- Diagnostic approach to the dizzy patient
- Differentiating stroke and stroke mimics
- Diagnostic approach for suspected infectious endocarditis
- Treatment approach for infectious endocarditis
- Types of tick-borne disease
- Antibiotic indications for tick-borne disease

****Diagnostic evaluation includes the medical history and physical examination as well as any other laboratory, imaging, or other study to gather medical information. In the adult ED patient presenting with acute nontraumatic headache, are there risk-stratification strategies that reliably identify the need for emergent neuroimaging?***

January 2022