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# Sick Call Screener Course

## Head, Eyes, Ear, Nose, & Throat (HEENT)

(2.1)



# Enabling Objectives

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- 1.7 Utilize the knowledge of head and neck anatomy while assessing a patient with a HEENT complaint
- 1.8 Utilize the knowledge of eye anatomy while assessing a patient with a HEENT complaint
- 1.9 Utilize the knowledge of eye physiology while assessing a patient with a HEENT complaint
- 1.10 Utilizing the knowledge of ears, nose and throat anatomy while assessing a patient with a HEENT complaint
- 1.11 Utilize the knowledge of ears, nose and throat physiology while assessing a patient with a HEENT complaint



# Enabling Objectives (Cont.)

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- 1.12 Obtain history from patients with common head, eye, ear, nose, and throat complaints
- 1.13 Perform a head, eye, ear, nose and throat examination
- 1.14 State signs and symptoms of common head, eye, ear, nose and throat disorders
- 1.15 State treatments for common head, eye, ear, nose and throat disorders
- 1.16 State Red Flag criteria



# Introduction

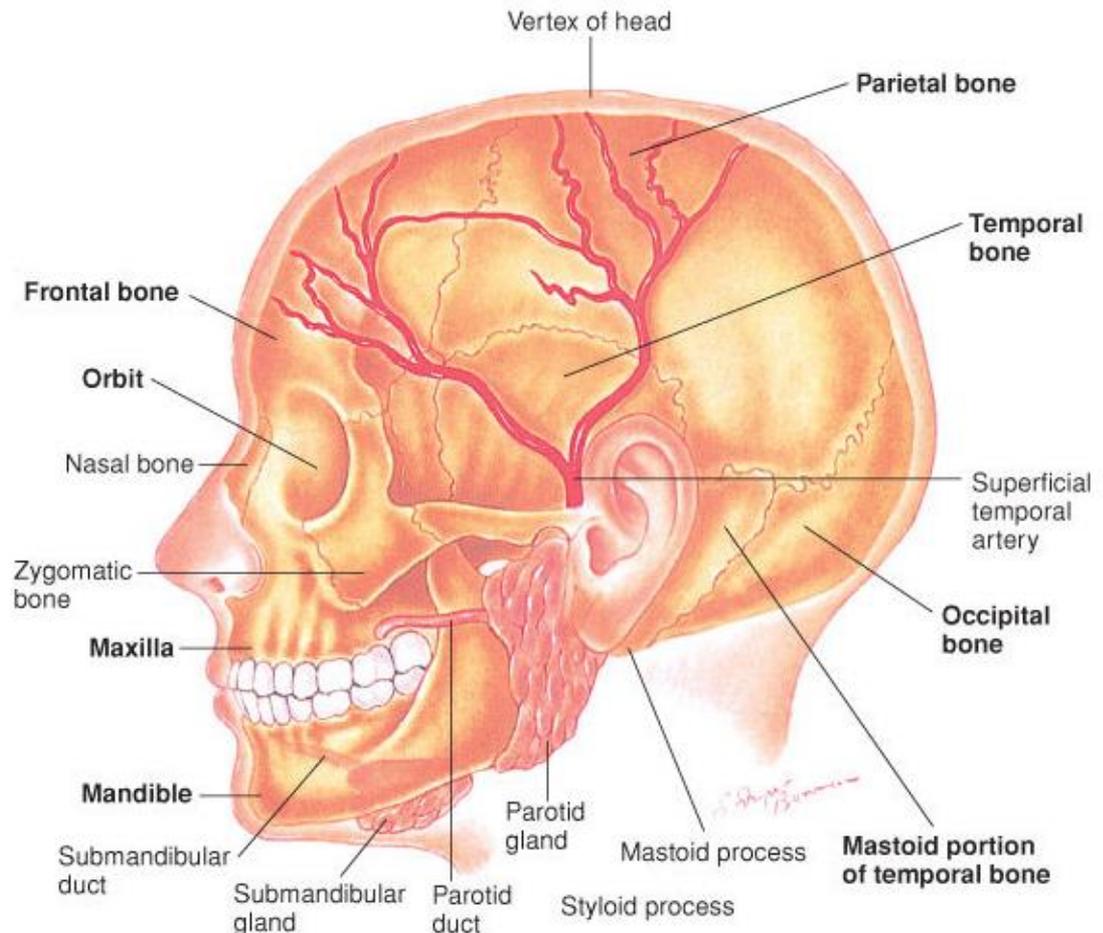
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- This lesson will improve your understanding of and your ability to perform examinations of the head, neck, eyes, ears, nose, mouth and throat
  
- One of the most common examinations



# Anatomy of the Cranium

- Seven Bones
- Bony structures
- Facial landmarks
- Temporal artery

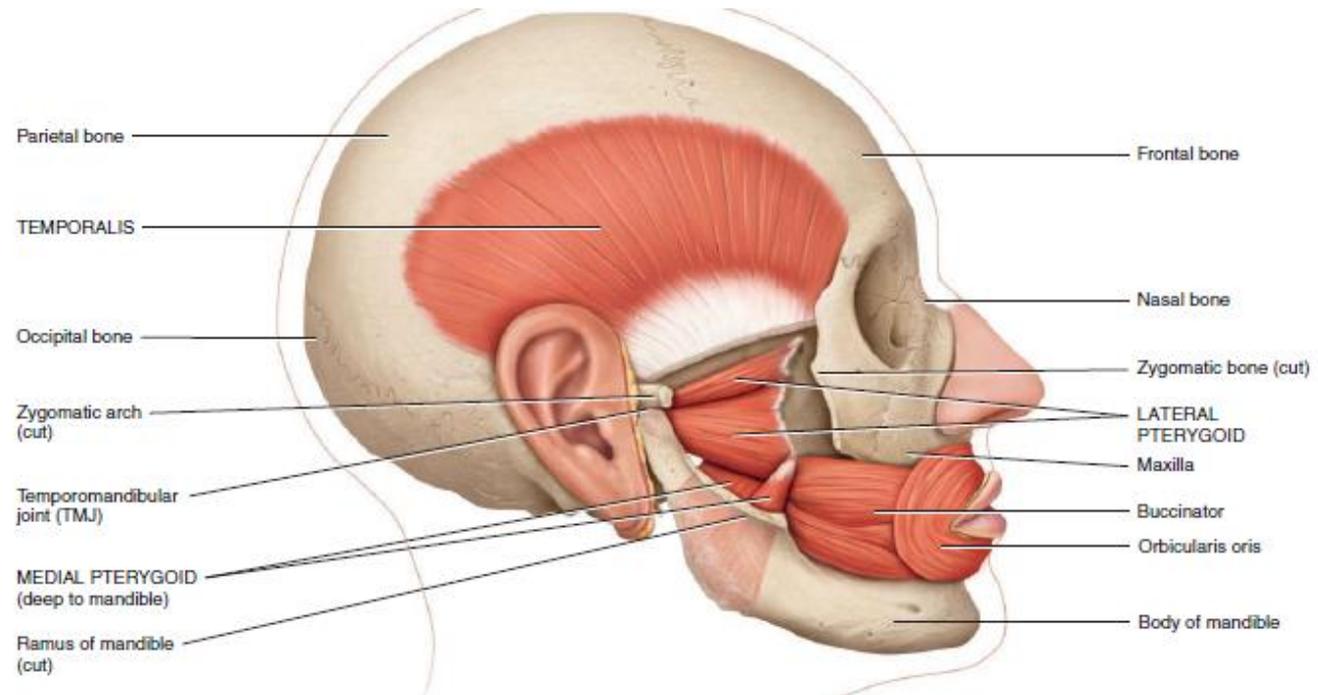


(From Bates' Guide to Physical Examination and History Taking – 12<sup>th</sup> Ed. 2017, Figure 7-2, [www.StatRef.com](http://www.StatRef.com))



# Anatomy of the Cranium (Cont.)

- TMJ



- Muscles of mastication (Chewing)

(From Principles of Anatomy and Physiology, 14<sup>th</sup> Ed.)



# Anatomy of the Neck

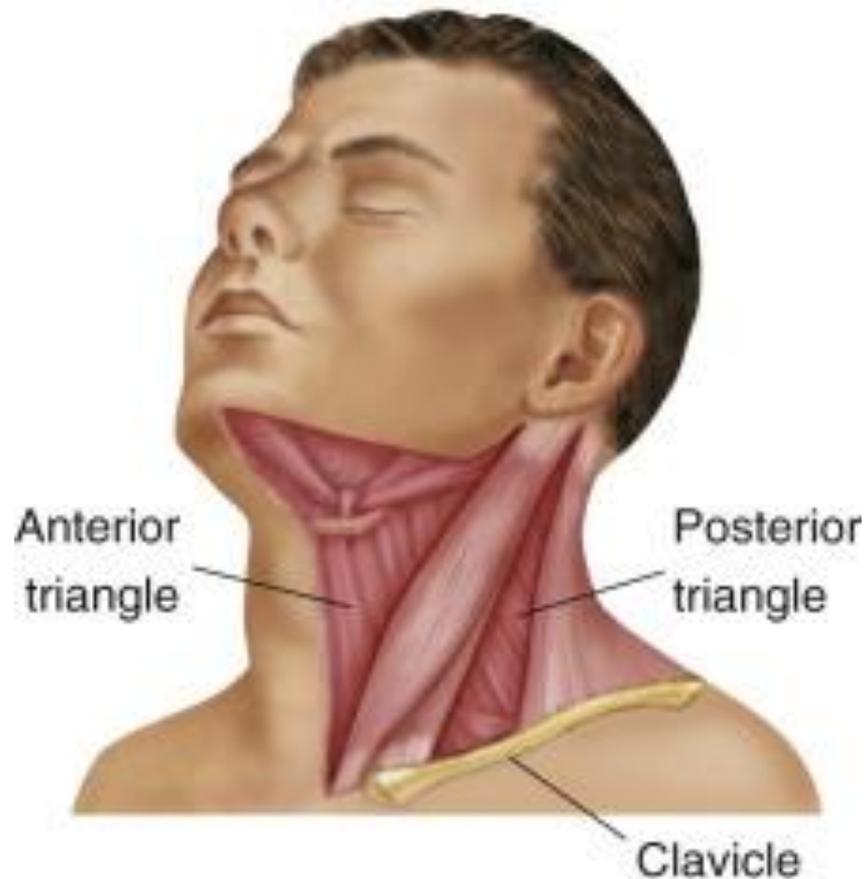
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- Composed of cervical vertebrae, ligaments, sternocleidomastoid and trapezius muscles
- Anterior triangle
- Posterior triangle
- Thyroid



# Anterior Triangle

- Formed by the medial border of the sternocleidomastoid muscles, mandible, and the midline
- Contains hyoid bone, cricoid cartilage, trachea and anterior cervical lymph nodes

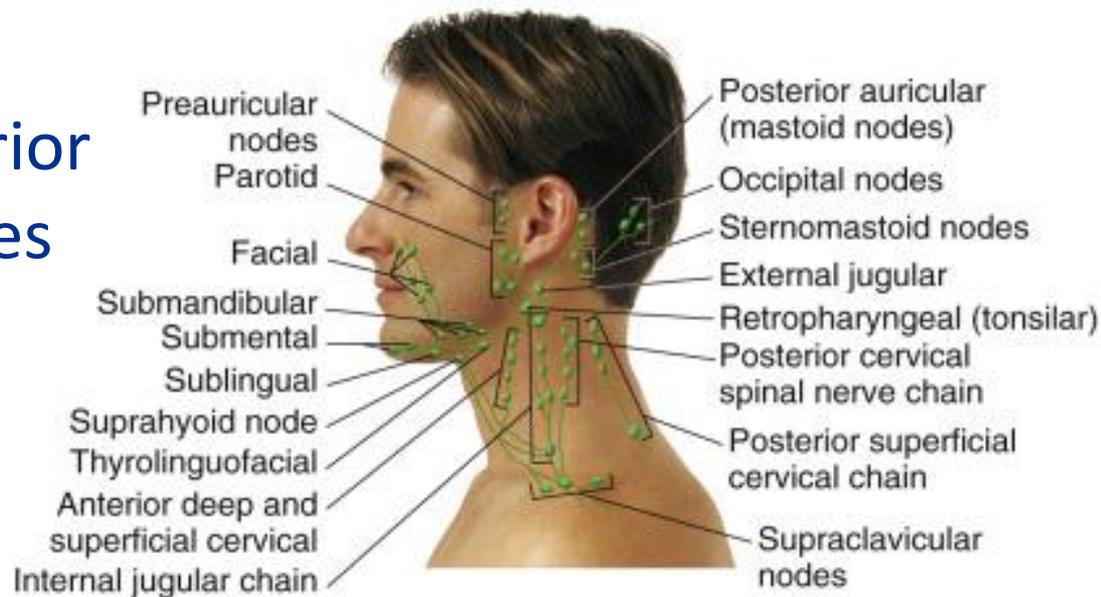


(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Posterior Triangle

- Formed by the trapezius and sternocleidomastoid muscles and the clavicle
- Contains the posterior cervical lymph nodes

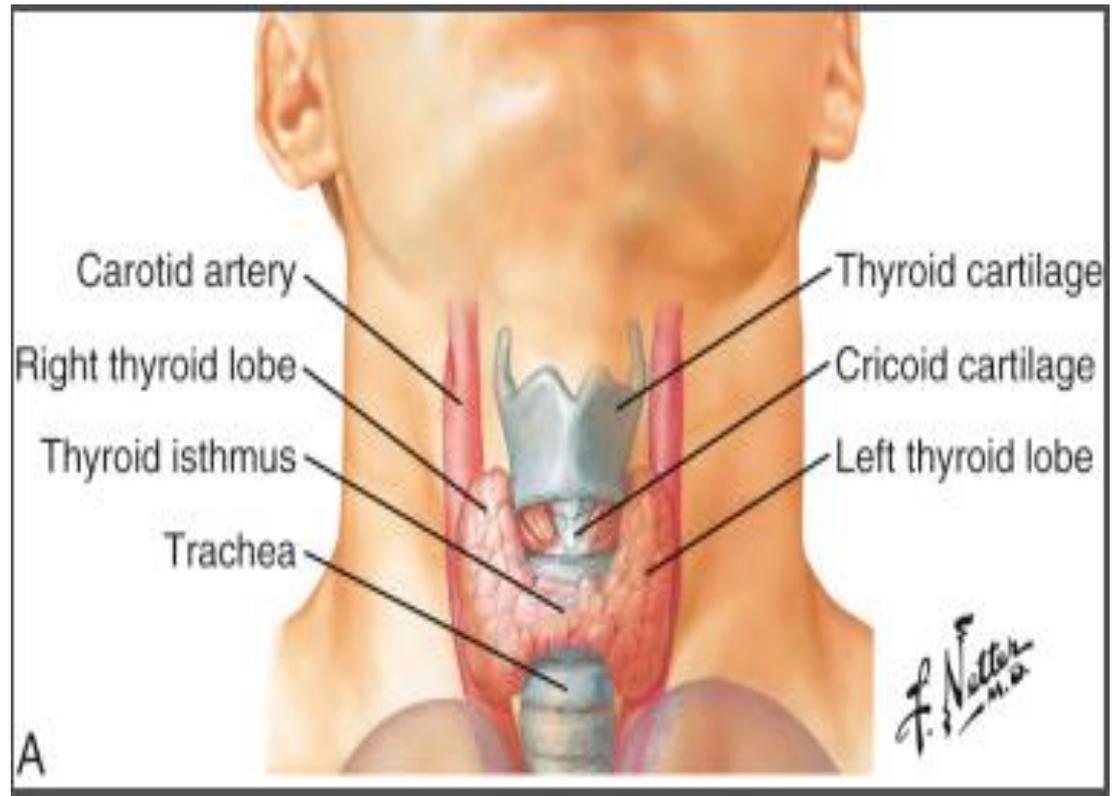


(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Thyroid

- Largest endocrine gland in the body, producing two hormones:  
T3 and T4
- Butterfly in shape on each side of the trachea



Loevner, Laurie A, 2011(Modified from [www.netterimages.com](http://www.netterimages.com)) [www.clinicalkey.com](http://www.clinicalkey.com)

R<sup>3</sup>

2.1-2-10

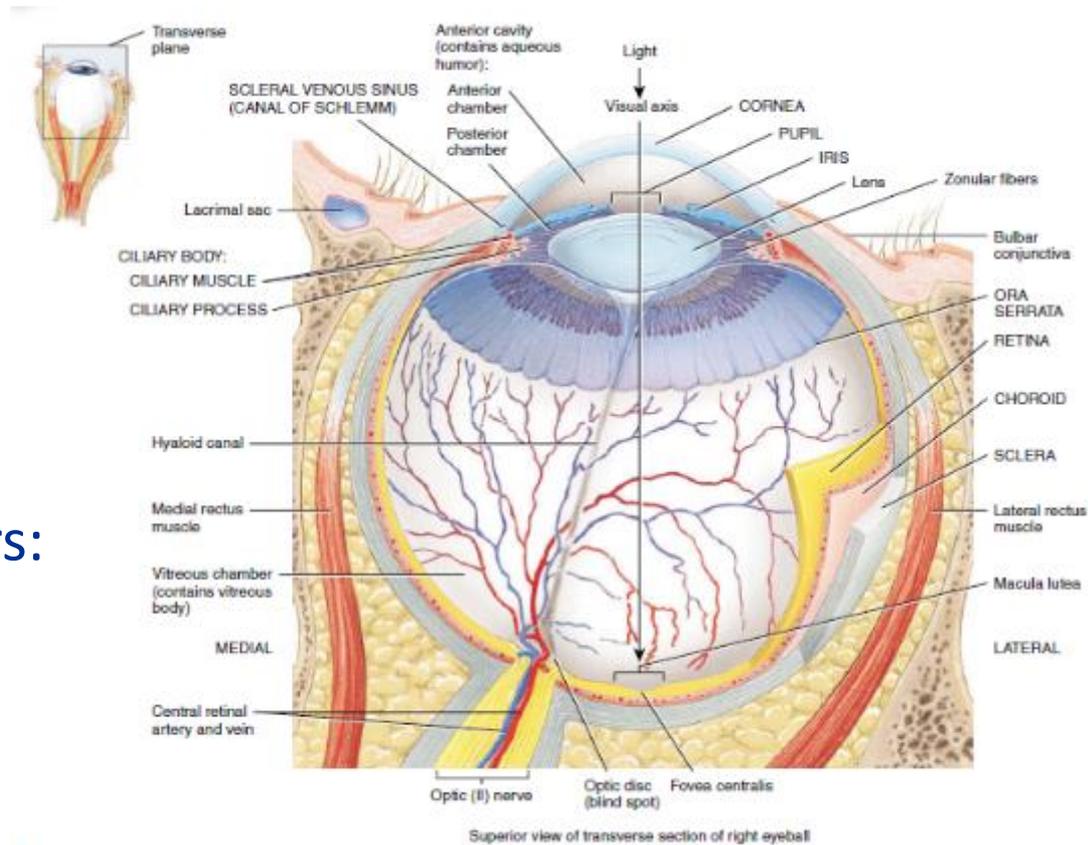
Relevant, Responsive, Requested



# Anatomy of the Eye

- General anatomy

- Measures 2.5cm in diameter
- Contains three layers:
  - Fibrous tunic
  - Vascular tunic
  - Retina

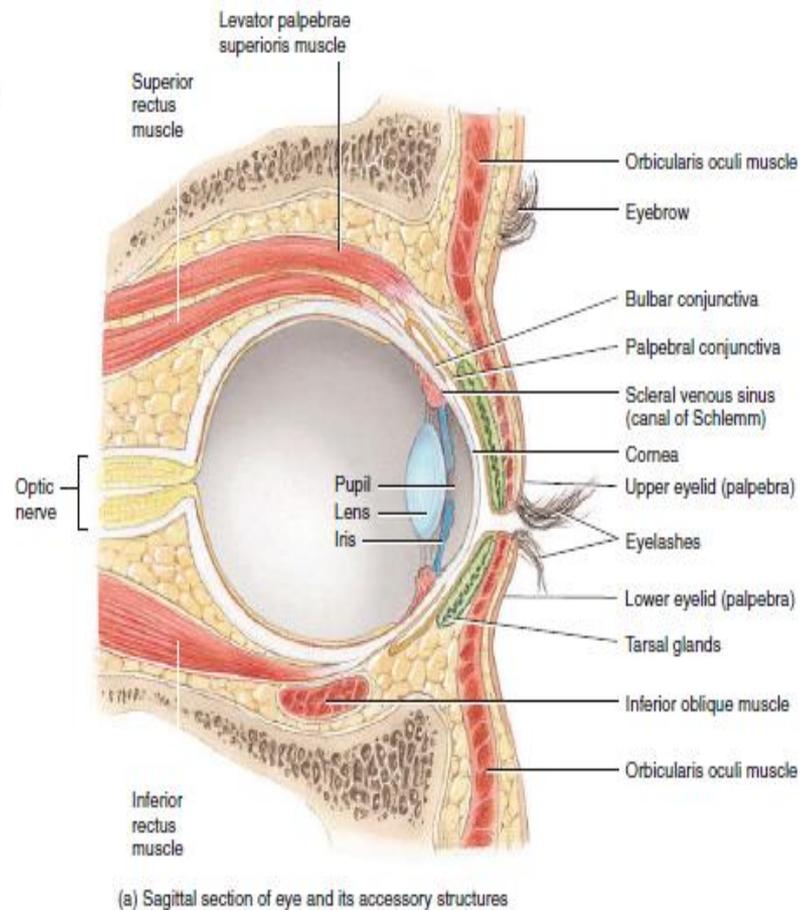
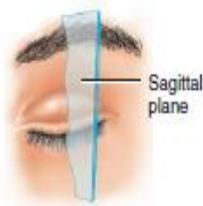


(From Principles of Anatomy and Physiology, 14<sup>th</sup> Ed.)



# Extrinsic Eye Muscles

- Superior Rectus
  - Oculomotor (CN III)
- Inferior Rectus
  - Oculomotor (CN III)
- Lateral Rectus
  - Abducens (CN VI)
- Medial Rectus
  - Oculomotor (CN III)
- Superior Oblique
  - Trochlear (CN IV)
- Inferior Oblique
  - Oculomotor (CN III)

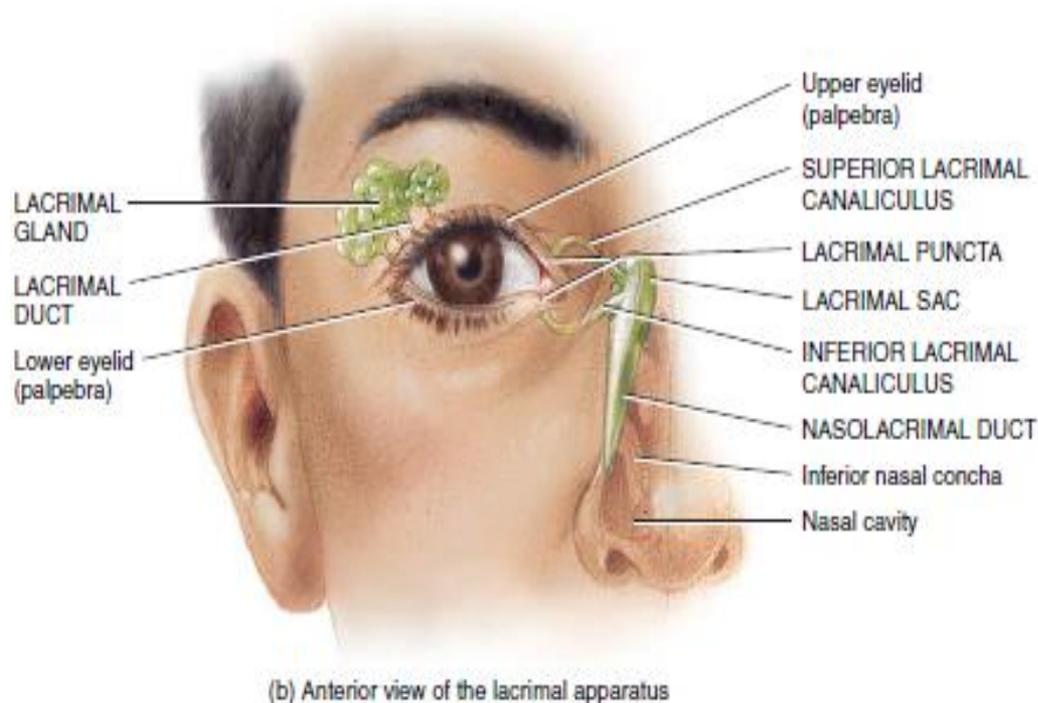


(From Principles of Anatomy and Physiology, 14<sup>th</sup> Ed.)



# External Eye Functions

- Functions
  - Distribute tears
  - Limit light
  - Protect
- Eyelids
  - Levator palpebrae superioris
  - Occulomotor (CN III)
- Conjunctiva
- Lacrimal Glands



(From Principles of Anatomy and Physiology, 14<sup>th</sup> Ed.)



# Internal Eye Functions

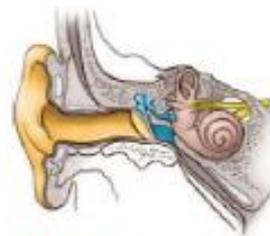
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- Outer
  - Sclera
  - Cornea
- Middle or Uvea
  - Choroid
  - Ciliary body
  - Iris
- Inner
  - Retina
    - Optic Disc and Optic Nerve (CN II)
    - Macula Lutea
    - Fovea Centralis
    - Rods
    - Cones

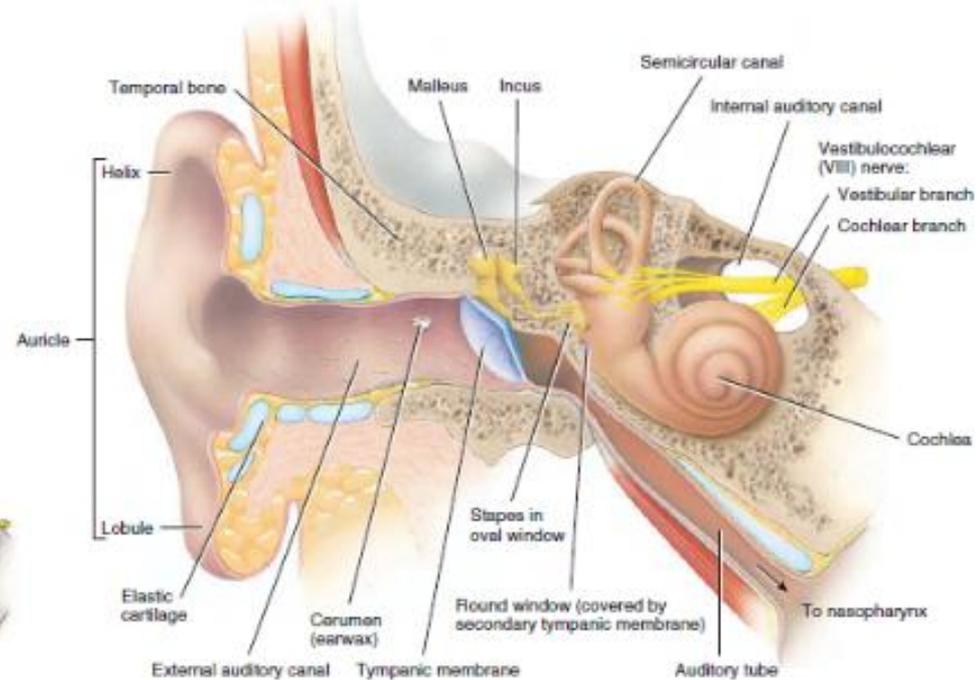


# Anatomy of the Ear

- Three regions
  - External
  - Middle
  - Inner



- External ear
- Middle ear
- Internal ear



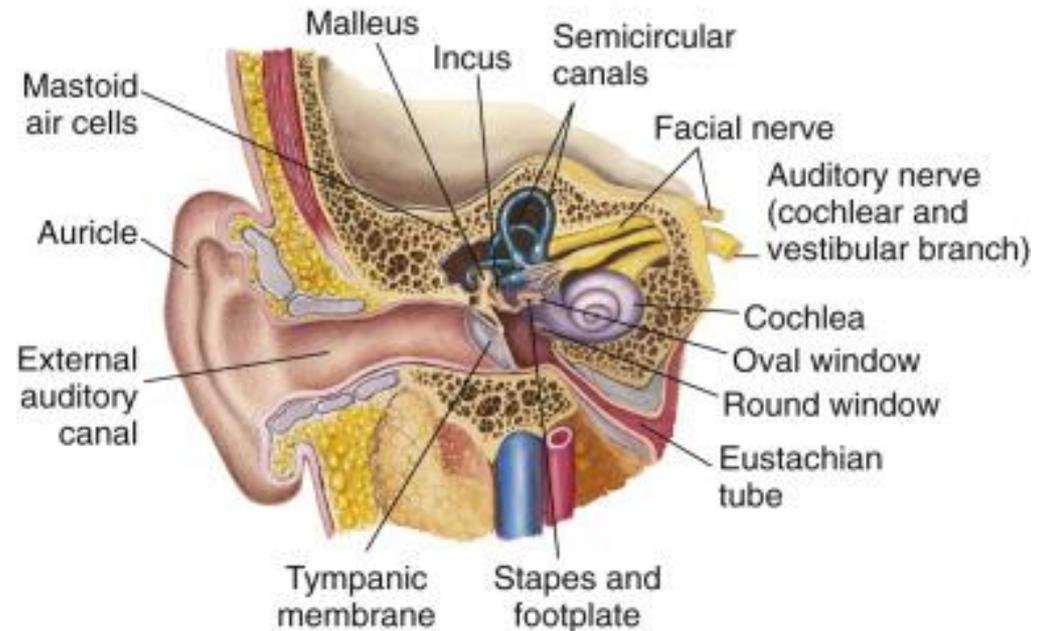
Frontal section through the right side of the skull showing the three principal regions of the ear

(From Principles of Anatomy and Physiology, 14<sup>th</sup> Ed.)



# External Ear

- Auricle
- Auditory Canal
- Tympanic Membrane
- Mastoid

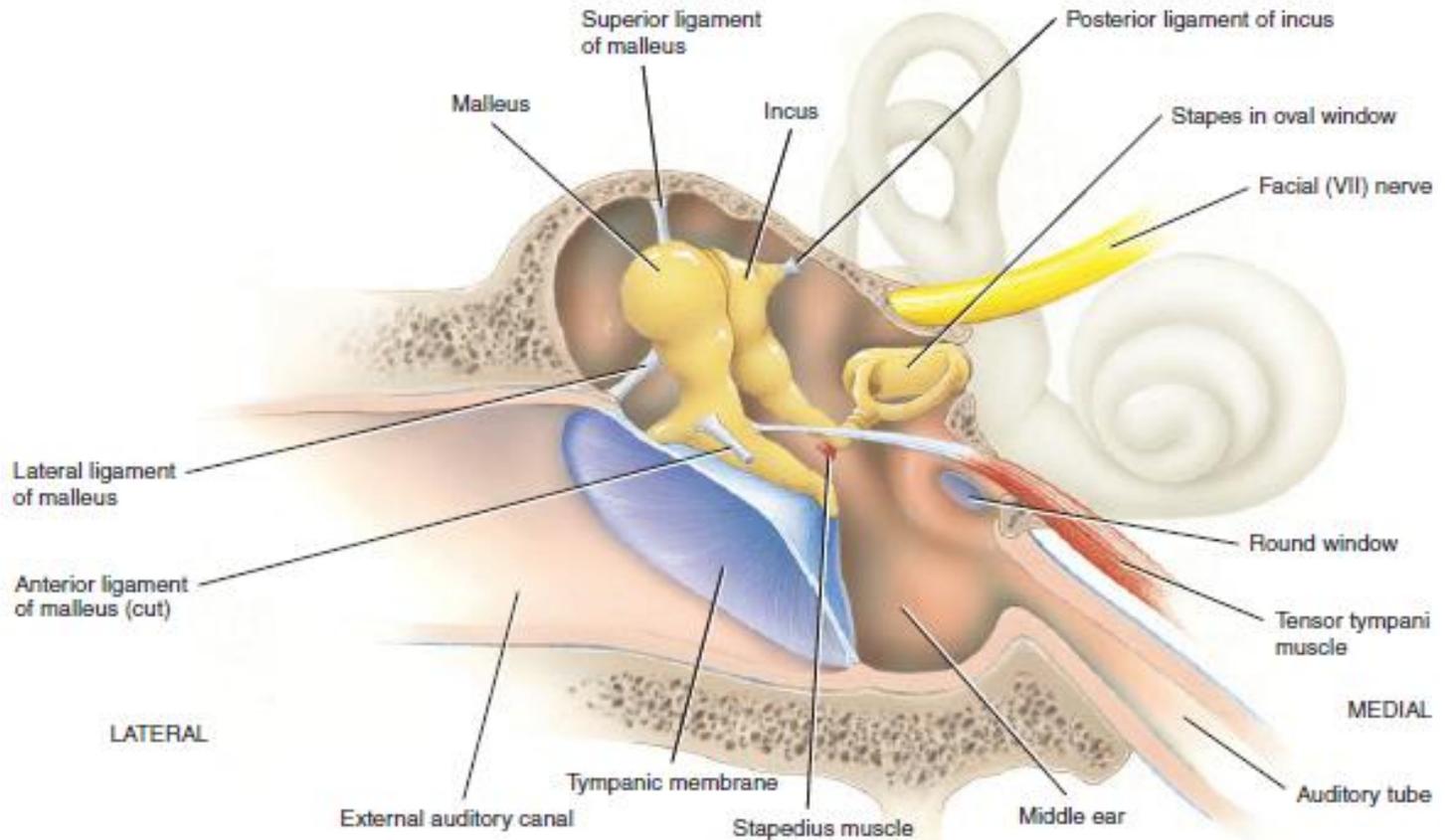


(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Middle Ear

- Malleus
- Incus
- Stapes



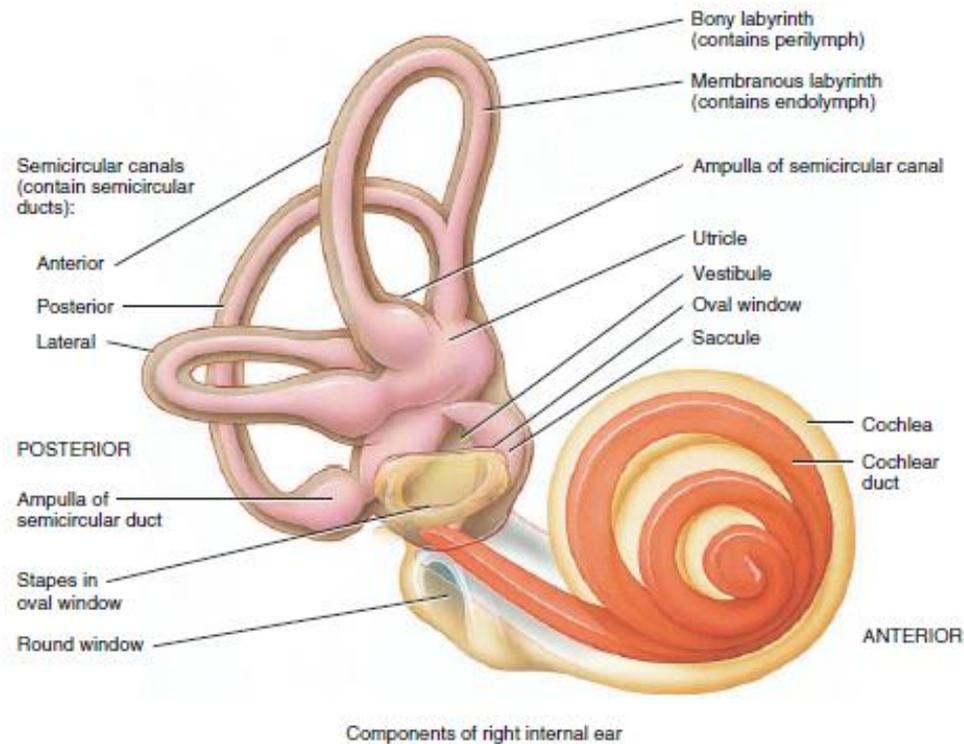
Frontal section showing location of auditory ossicles in the middle ear

(From Principles of Anatomy and Physiology, 14<sup>th</sup> Ed.)



# Internal Ear

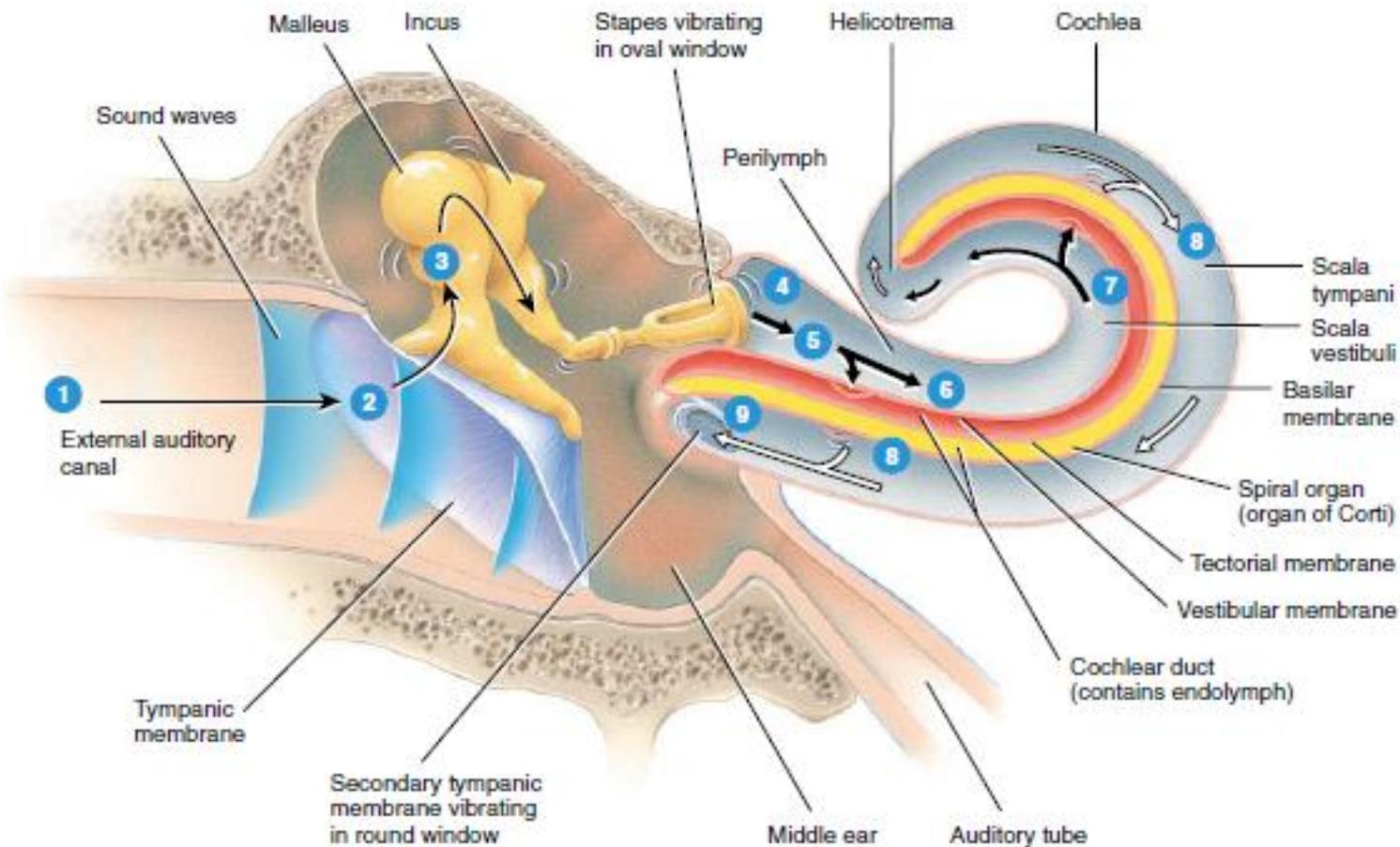
- Bony Labyrinth
- Membranous Labyrinth
- Vestibule
- Cochlea
- Organ of Corti and Vestibulocochlear Nerve (CN VIII)



(From Principles of Anatomy and Physiology, 14<sup>th</sup> Ed.)



# Physiology of Hearing



(From Principles of Anatomy and Physiology, 14<sup>th</sup> Ed.)

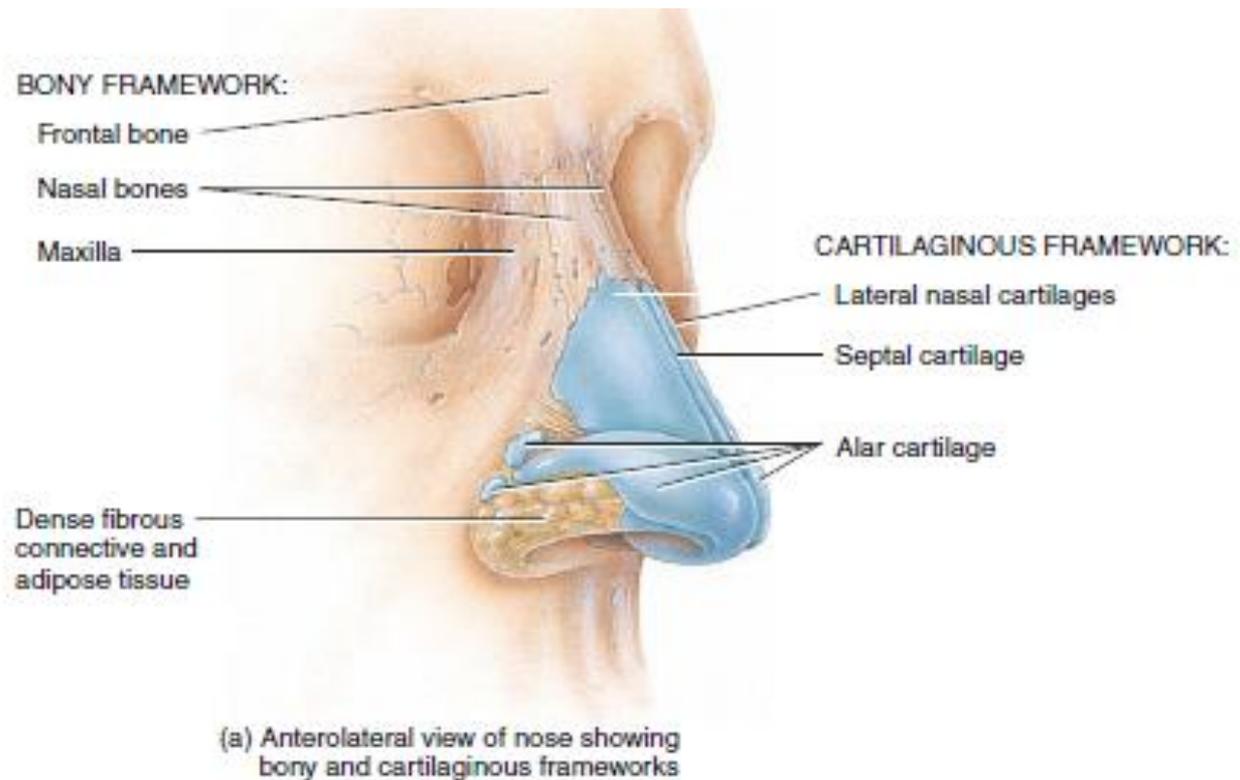


# Anatomy of the Nose

- Specialized organ

- Cartilaginous framework

- Septal
- Lateral
- Alar

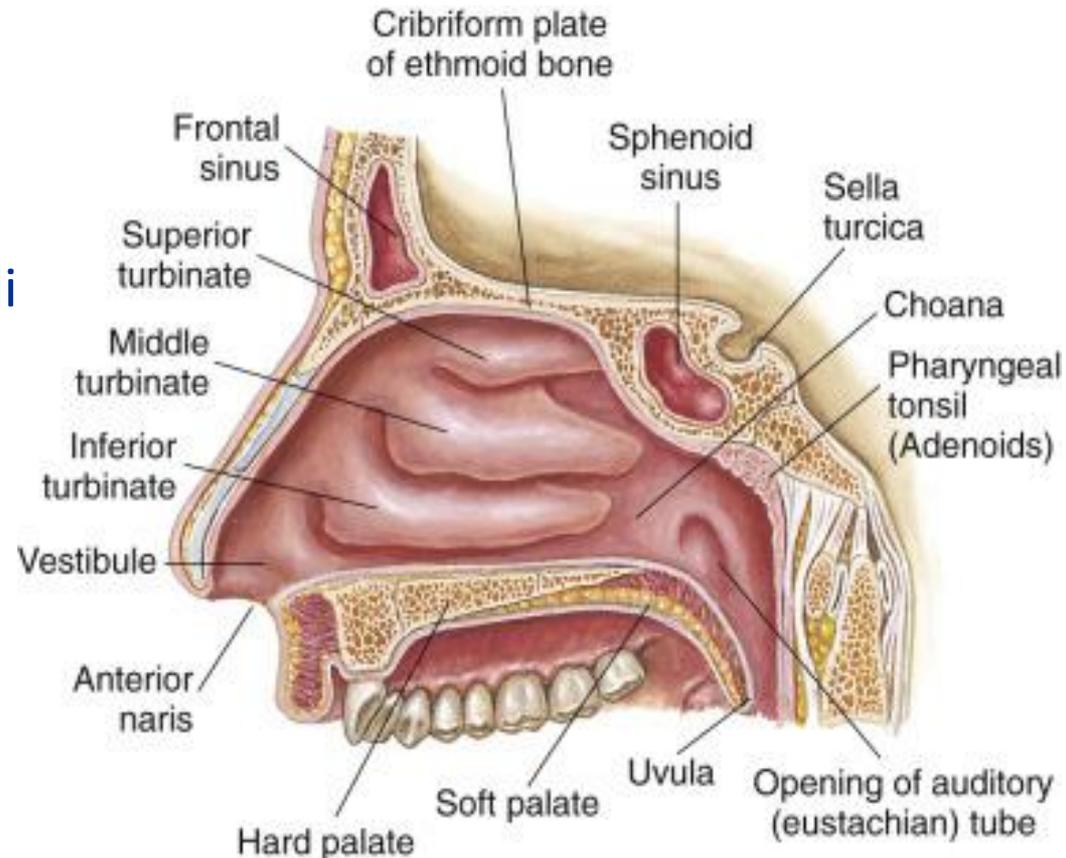


(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Interior Structure

- Functions
  - Warming, moistening and filtering incoming air
  - Detecting olfactory stimuli
  - Modifying speech vibrations
- Paranasal sinuses
- Upper 1/3 supported by bone
- Lower 2/3 of the nose supported by cartilage

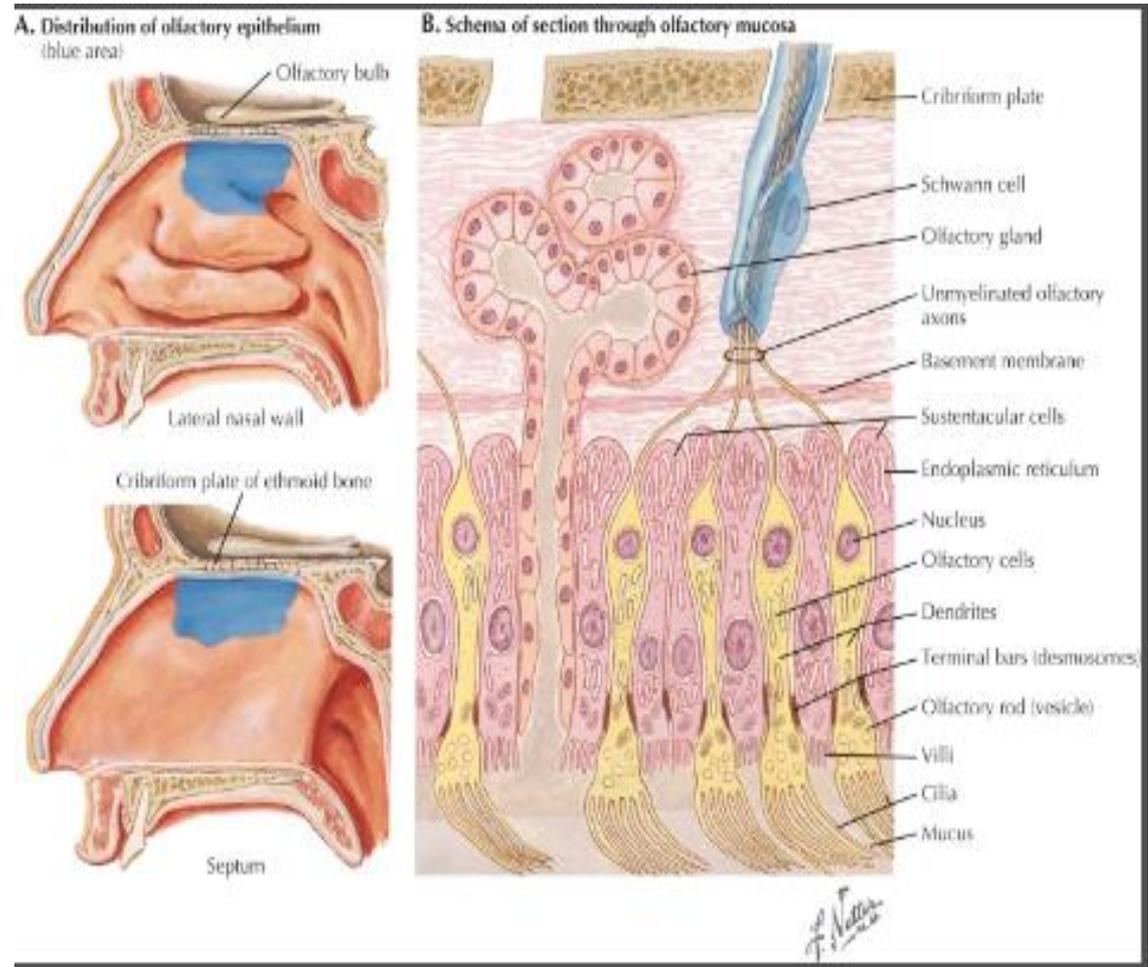


(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Nasal Physiology

- Olfactory epithelium
- Olfactory sensations  
Olfactory Nerve (CN I)

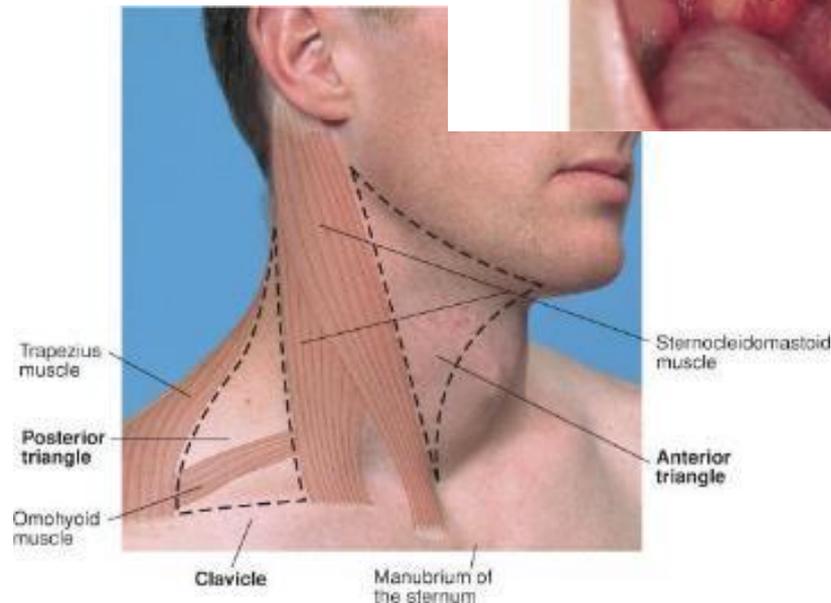


Netter's Neurology. Vytopil, Michal; Jones, H. Royden... Published January 1, 2012. Pages 52-56. © 2012.



# Anatomy of the Mouth and Throat

- Buccal cavity
- Lips
- Hard palate
- Soft palate
- Uvula

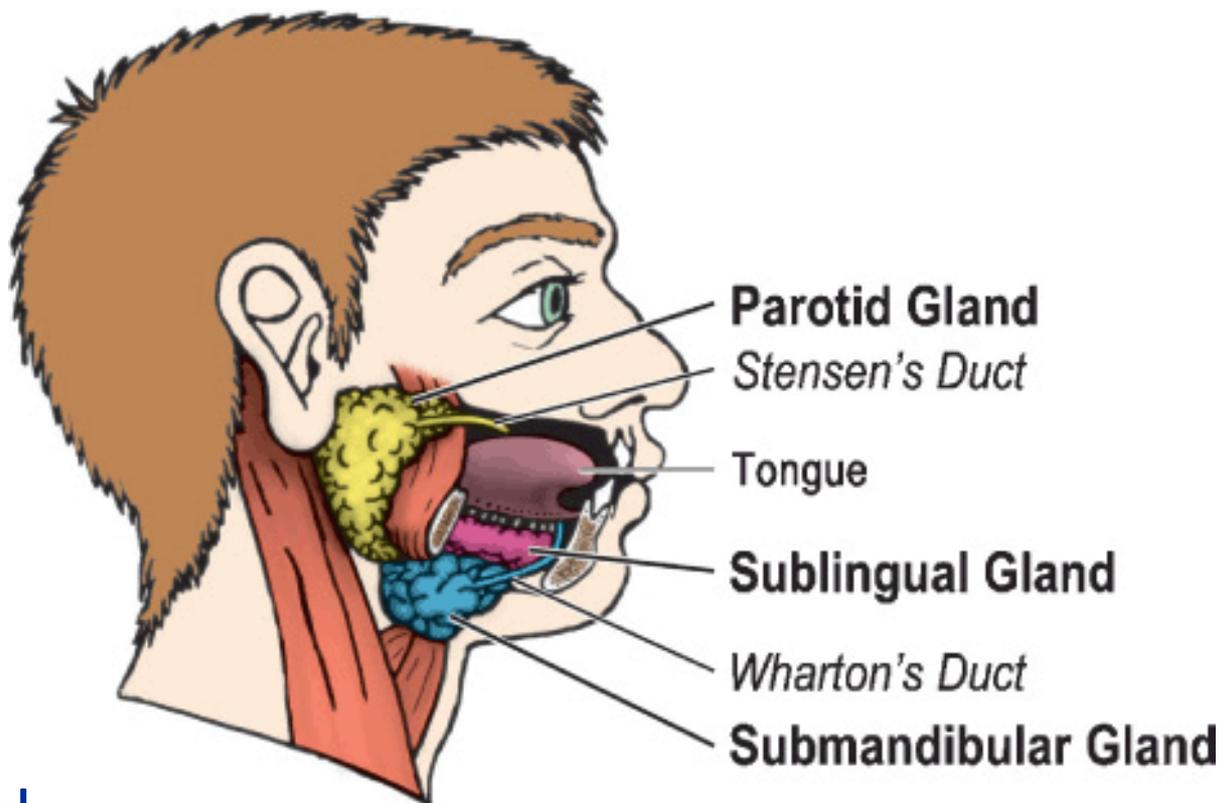


(From Bates' Guide to Physical Examination and History Taking, 12<sup>th</sup> Ed.)



# Salivary Glands

- Parotid Gland
- Submandibular Gland
- Sublingual Gland

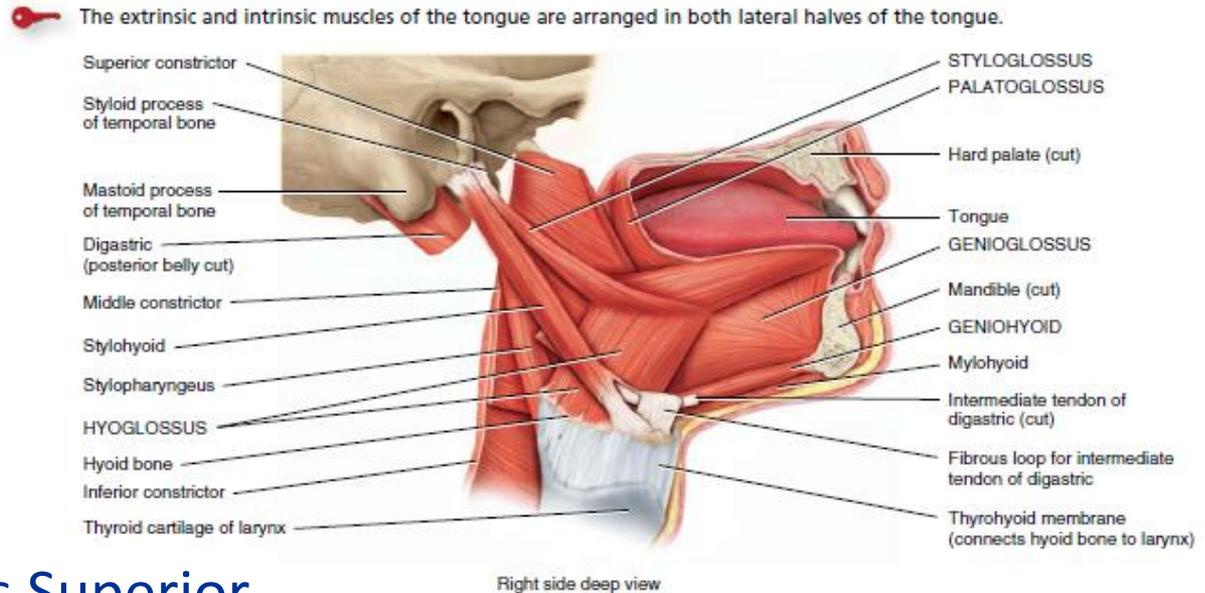


STAT!Ref: Burket's Oral Medicine, 12th Ed. 2015, <https://online.statref.com/>



# Tongue Muscles

- Extrinsic
  - Hypoglossus
  - Genioglossus
  - Styloglossus
- Intrinsic
  - Longitudinalis Superior
  - Longitudinalis Inferior
  - Transversus Linguae
  - Verticalis Linguae

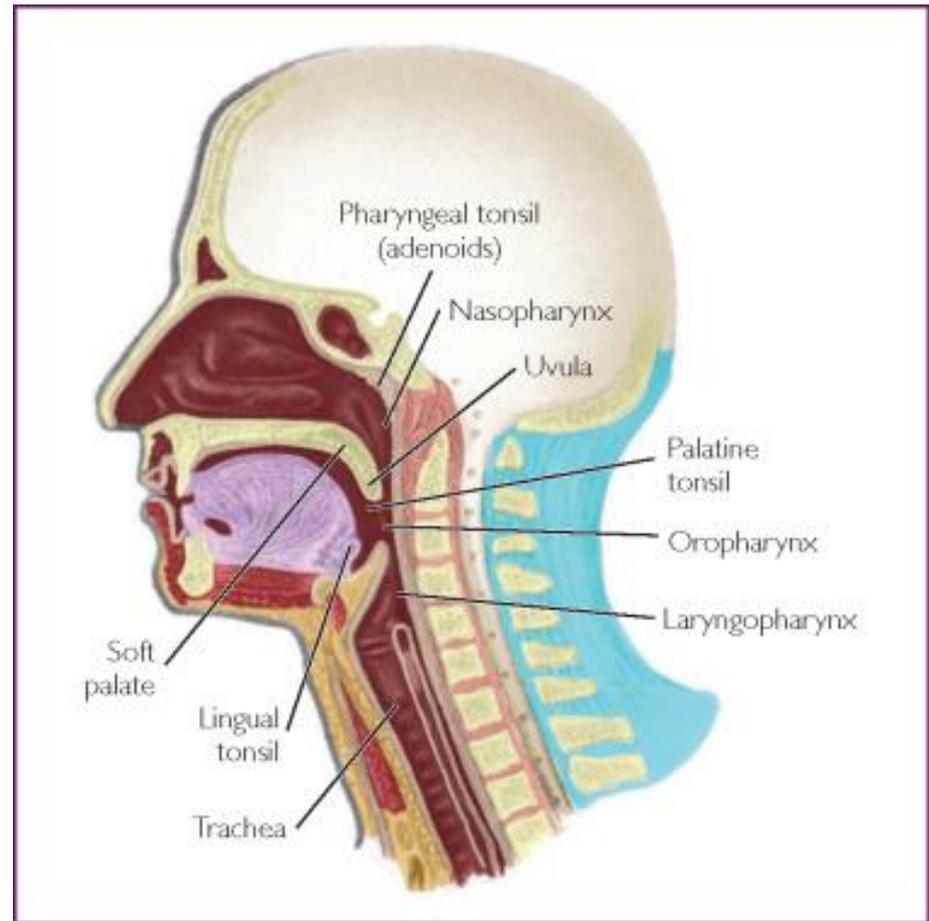


(From Principles of Anatomy and Physiology, 14<sup>th</sup> Ed.)



# Tonsils

- Pharyngeal Tonsil (Adenoid)
  - Posterior wall of nasopharynx
- Two Palatine Tonsils
  - Posterior of oral cavity on either side
- Two Lingual Tonsils
  - Base of tongue



(From Emergency and Trauma Care for Nurses and Paramedics 2nd Ed., 2016, [www.clinicalkey.com](http://www.clinicalkey.com))



# Obtain a History

- Subjective
  - Chief Complaint (CC)
  - History of Present Illness (HPI)



- **OLDCARTS** = Onset, Location, Duration, Character, Aggravating, Relieves, Temporal Factors, Severity

(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))

**R<sup>3</sup>**

Relevant, Responsive, Requested

2.1-2-27



# Associated Symptoms

## Head and Neck

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### Head and Neck

- Head pain
- Headache
- Laceration
- Change in breathing pattern
- Blurred or double vision
- Discharge from the nose or ears
- Nausea
- Vomiting
- Incontinence
- Paralysis
- Loss of sensation
- Light headed
- Neck swelling
- Neck pain
- Fever



# Associated Symptoms Eyes

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## Eye

- Pain
- Visual disturbances
- Redness
- Purulent discharge
- Crusting
- Mating of the eyelids
- Headaches
- Dizziness
- Tearing
- Itchiness
- Pressure
- Foreign body sensation
- Both eyes affected or just one



# Associated Symptoms Ears

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## Ears

- Nausea
- Vomiting
- Tinnitus
- Hearing loss or change
- Headache
- Double vision
- Ear fullness
- Unsteadiness
- Pain
- Fever
- Discharge
- Itchiness
- Vertigo
- Association with diving or flying



# Associated Symptoms Nose

---

## Nose

- Sneezing
- Congestion
- Itching
- Sniffling
- Obstruction
- Mouth breathing
- Bad breath
- Sore throat
- Cough
- Snoring
- Sleep issues
- Bleeding
- Allergies
- Sinus pain or pressure



# Associated Symptoms

## Mouth and Throat

---

### Mouth and Throat

- Tooth pain
- Difficulty swallowing
- Difficulty speaking or hoarse voice
- Fever
- Swollen tonsils
- Post nasal drip
- Cough
- Runny nose
- Inhalation of smoke or irritants
- Gastroesophageal reflux
- Drooling
- Feeling of obstruction



# Remedies Tried

- Head and Neck
- Eyes
- Ears
- Nose
- Mouth and Throat



(U.S. Air Force photo by Naoto Anazawa)

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-33



# Preceding Events

- Head and Neck
- Eyes
- Ears
- Nose
- Mouth and Throat



(U.S. Army photo by Staff Sgt. Gene Arnold, 14th Public Affairs Detachment) (Released)

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-34



# Past Medical and Surgical History

---

- Head and Neck
- Eyes
- Ears
- Nose
- Mouth and Throat
- Medications
- Allergies to food, environment, and medications



# Family and Social History

---

## Family History

- Head and Neck
- Eyes
- Ears

## Social History

- Tobacco
- Alcohol
- Travel
- Environmental Hazards



# Review of Systems

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- Constitutional
  - Fever, chills, night sweats, weight gain/loss, fatigue, malaise
- Respiratory
  - Cough, sputum, wheezing, dyspnea, hemoptysis, TB exposure, shortness of breath, asthma
- Cardiovascular
  - Hypertension, chest pain, palpitations, murmur, orthopnea, exercise intolerance



# Review of Systems (Cont.)

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- Endocrine
  - Diabetes, heat or cold intolerance, sweating, frequent urination, excessive thirst, change in appetite, decreased libido
- Neurological
  - Numbness, tingling, paresthesia, dizziness, paralysis, visual disturbances, seizures, gait, coordination, syncope, tremors, speech problems, taste disturbances



# Head Exam

- Hair
- Scalp
- Skull
- Face
- Skin



(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Neck Exam

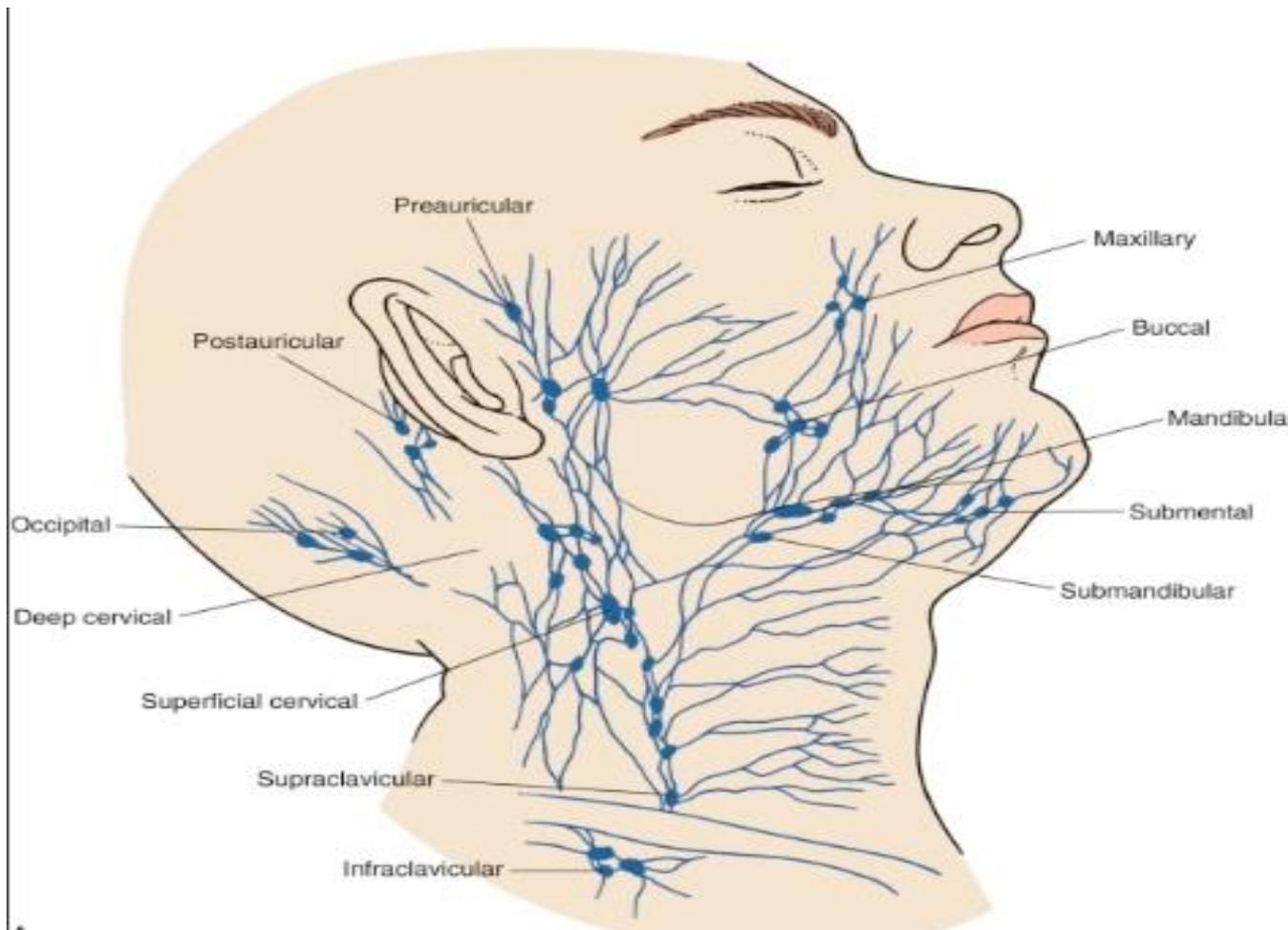
- Inspect
  - Symmetry
  - JVD
  - ROM
  - CN XI
- Palpate
  - Midline position
  - Prevertebral muscles
  - Spinous process
  - Evaluate the thyroid
  - Lymph nodes



(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Lymph Nodes



Contemporary Oral and Maxillofacial Surgery. Ellis, Edward... Published January 1, 2014. Pages 422-447. © 2014.

R<sup>3</sup>

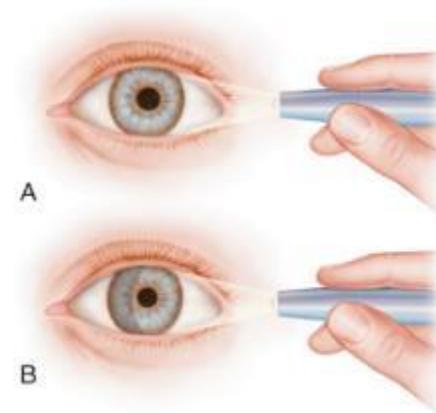
Relevant, Responsive, Requested

2.1-2-41



# Eye Exam

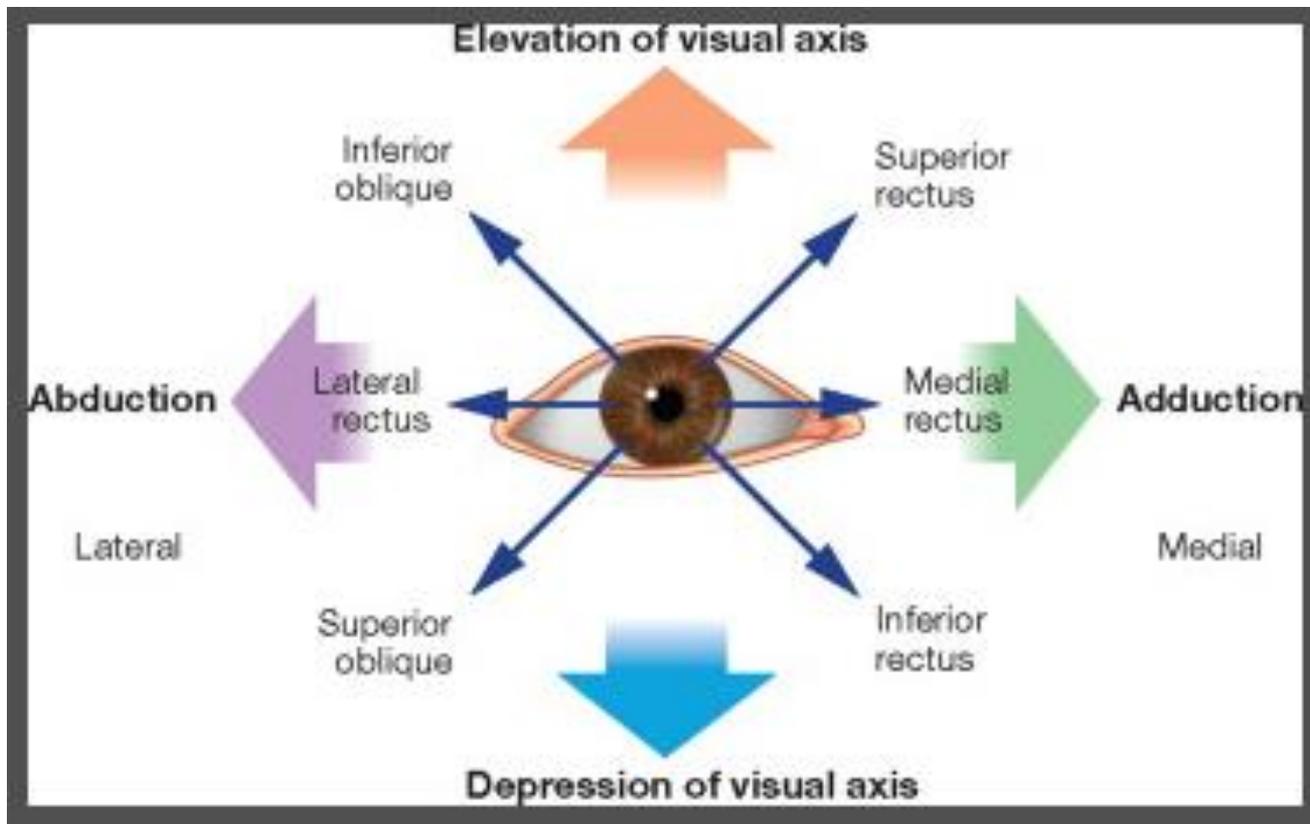
- Visual Acuity
- Abnormalities
- Examine
- Extraocular Movements
- Test for Convergence



(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# EOMI



Sobotta Atlas of Human Anatomy, Vol. 3. Paulsen, F.... Published January 1, 2013. Pages 97-132. © 2013

R<sup>3</sup>

2.1-2-43

Relevant, Responsive, Requested



# Ear Exam

- Inspect the external ear
- Inspect the auditory canal
- Palpate
- Otoscopic Exam
- Abnormalities
- Assess gross hearing
- Cerumen impaction



(From Seidel's Guide to Physical Examination 9th Ed., 2019, www.clinicalkey.com)



# Tympanic Membrane

## Otitis Media



## Normal TM





# Cerumen Impaction



Cerumen removal. Christopher H. Hashikawa.. Published September 24, 2017

**R<sup>3</sup>**

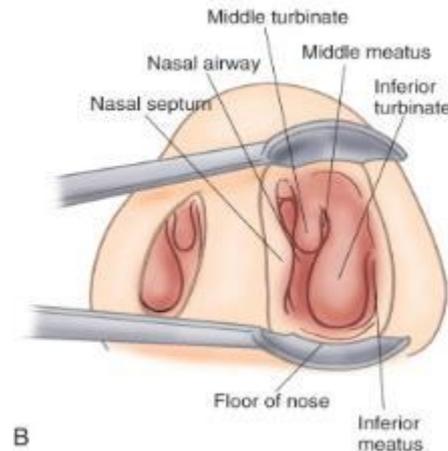
Relevant, Responsive, Requested

2.1-2-46



# Nasal Exam

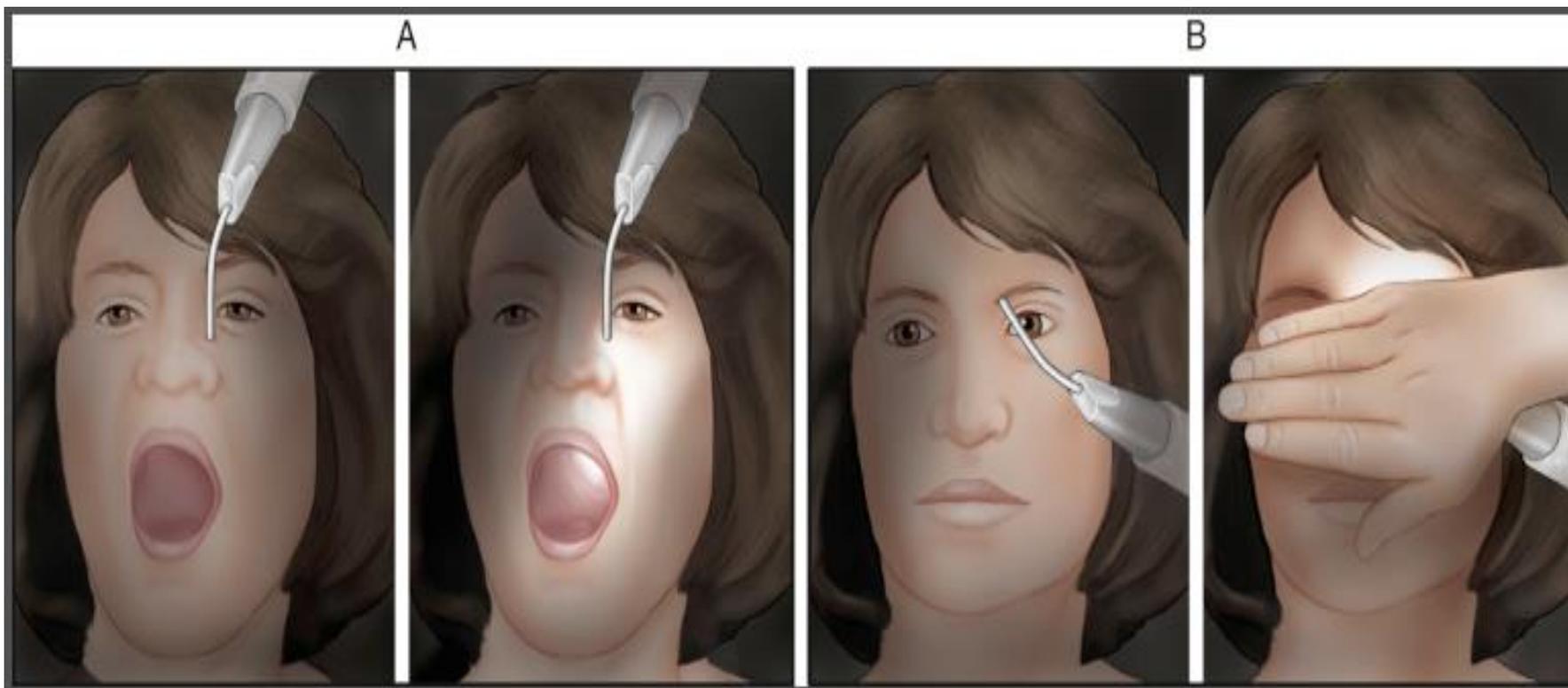
- Inspection
  - Inflammation
  - Contour/Shape
  - Nasal Mucosa
  - Deviation, Masses, and Perforations
- Nasal patency
- Palpate the sinuses



(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Transillumination



Seidel's Guide to Physical Examination. Published January 1, 2019. Pages 253-282. © 2019

R<sup>3</sup>

2.1-2-48

Relevant, Responsive, Requested



# Mouth and Throat Exam

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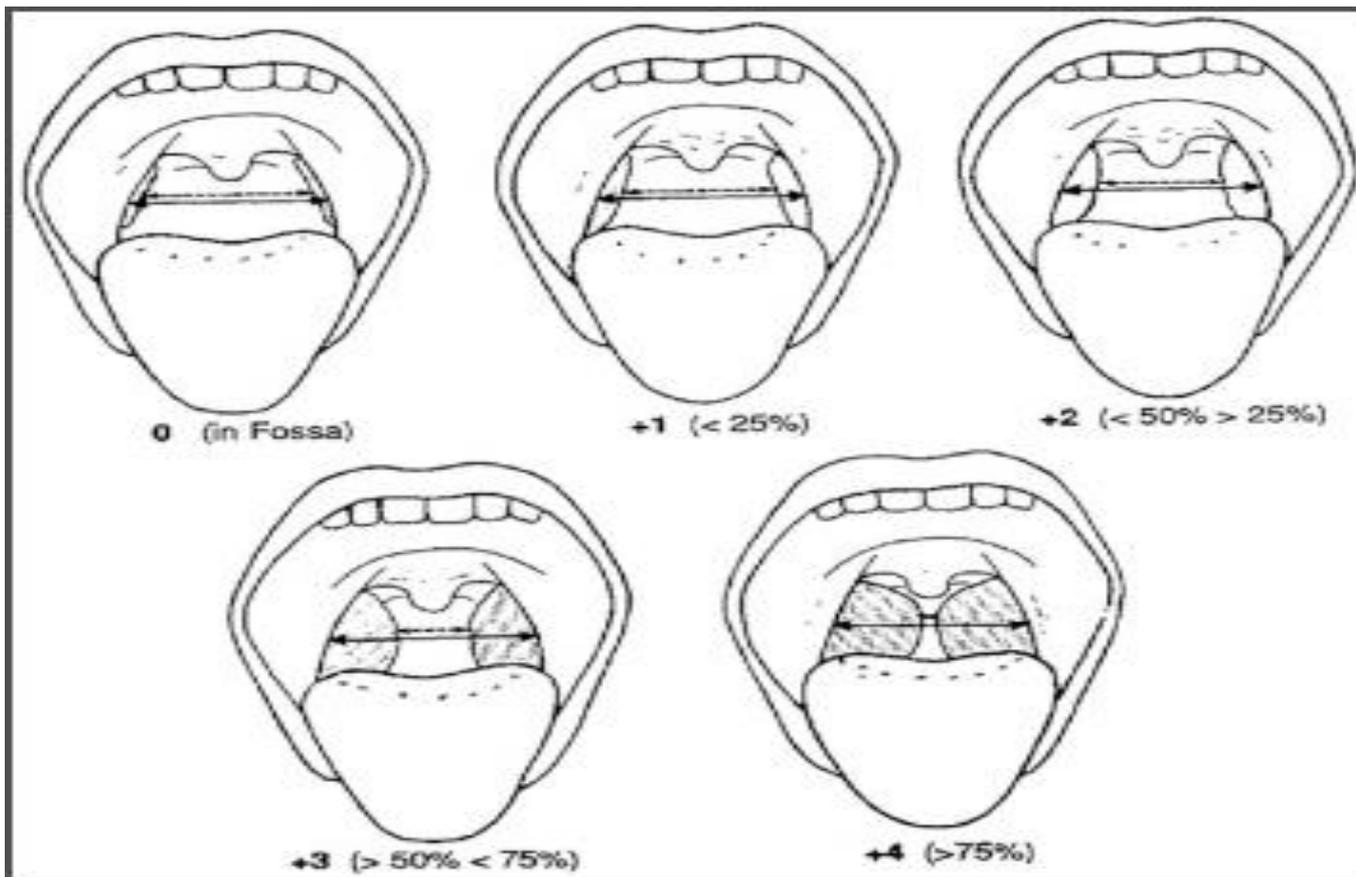
- Inspection
  - Lips
  - Gums & Teeth
  - Tongue and Buccal Mucosa
  - Throat
  - Tonsils



(From Perry, A.G., Potter, P.A., Ostendorf, W.R. [2018]. *Clinical nursing skills & techniques* [9th ed.]. St. Louis: Elsevier.)



# Tonsils



Brodsky staging system for palatine tonsil hypertrophy. 1989, Elsevier [www.clinicalkey.com](http://www.clinicalkey.com)

R<sup>3</sup>

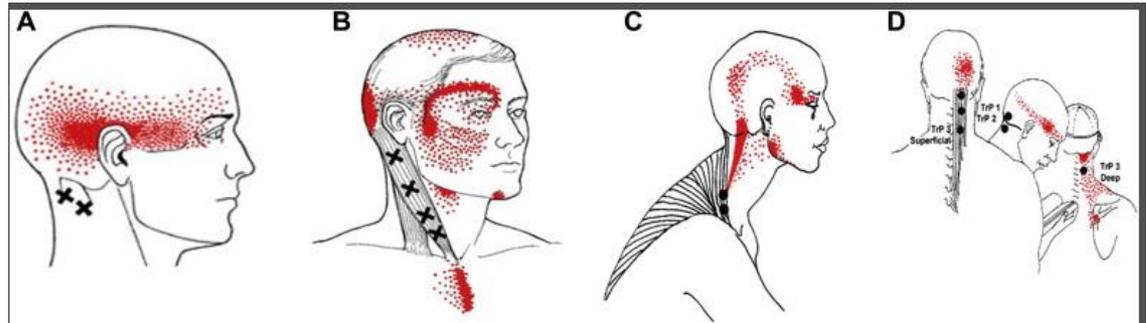
2.1-2-50

Relevant, Responsive, Requested



# Headache

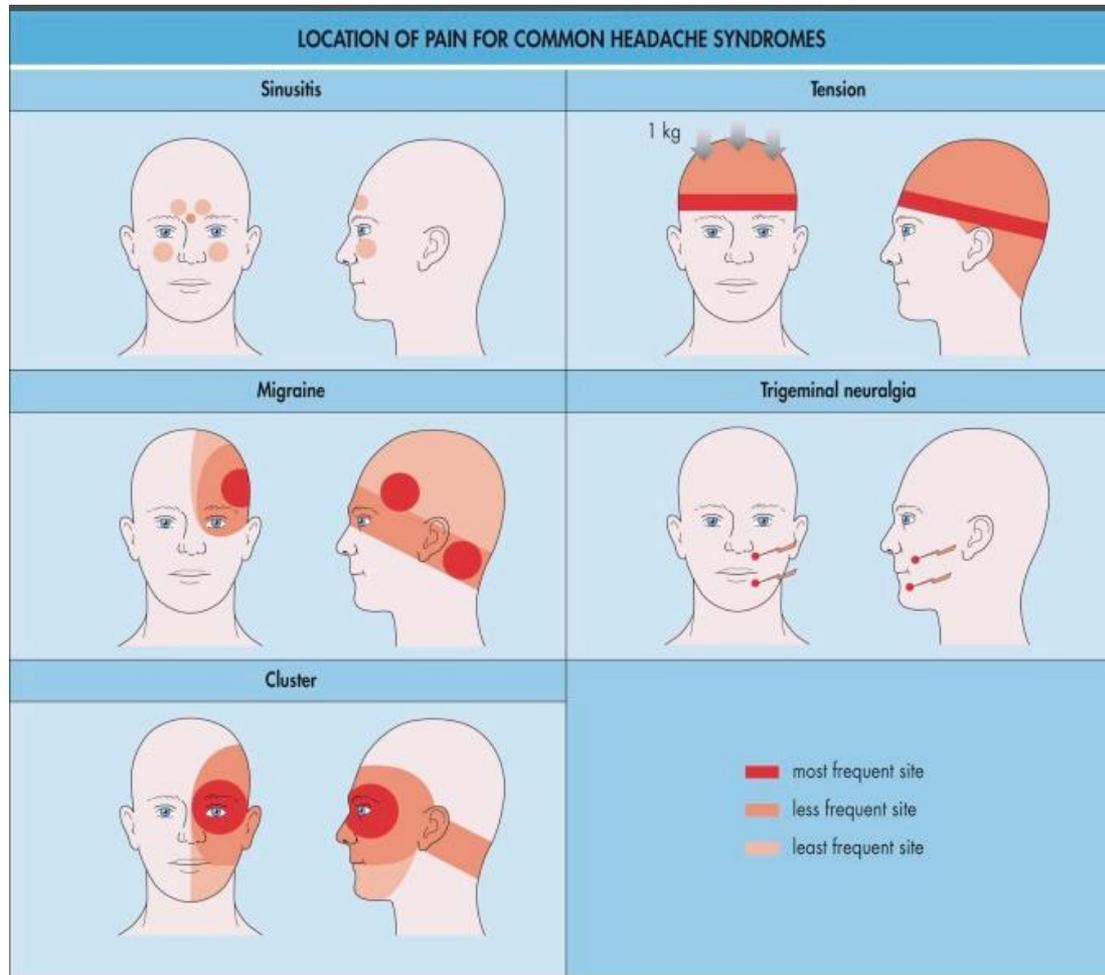
- Description
- Risk Factors
- General Prevention
- Clinical Presentation
- Differential Diagnosis
- Diagnostic Testing





# Headache (Cont.)

- Treatment
- Disposition
- Referral



Ophthalmology. Weinstein, Joel M.; Wang, Michelle Y.... Published January 1, 2014. Pages 969-975.e1. © 2014.

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-52



# Orbital Cellulitis

- Description
- Risk Factors
- General Prevention



STAT!Ref: Merck Manual Professional Version, <https://online.statref.com/>

R<sup>3</sup>

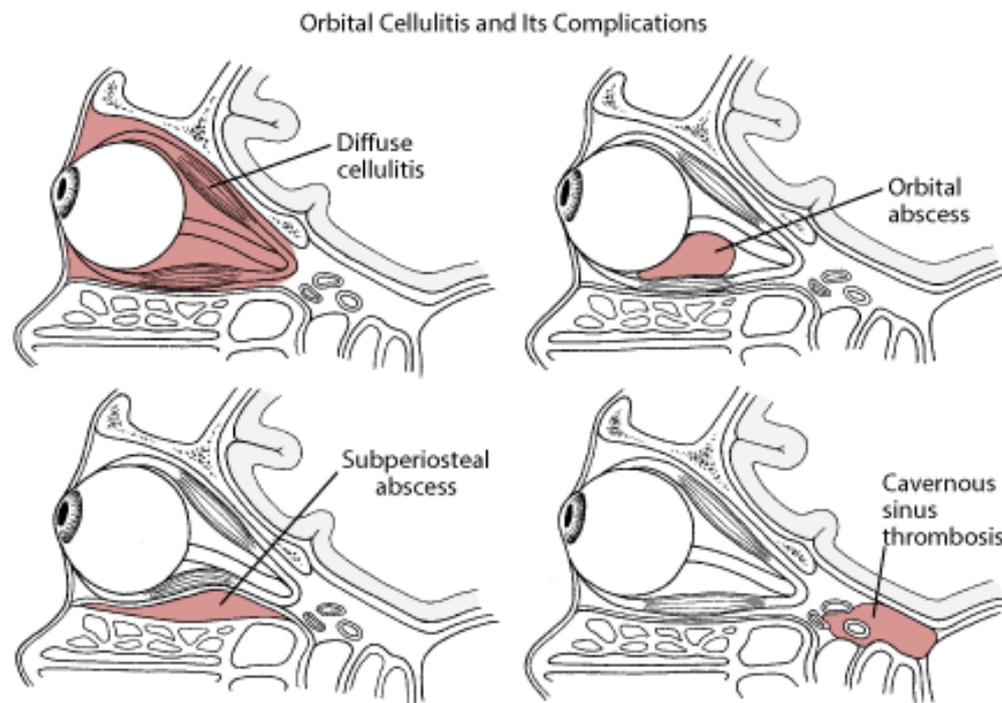
Relevant, Responsive, Requested

2.1-2-53



# Orbital Cellulitis Diagnosis

- Diagnosis
- Differential Diagnosis
- Diagnostic Tests



STAT!Ref: Merck Manual Professional Version, <https://online.statref.com/>



# Orbital Cellulitis Tests

- Frequent eye exam
- Treatment
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-55



# Blepharitis

- Description
- Clinical Presentation



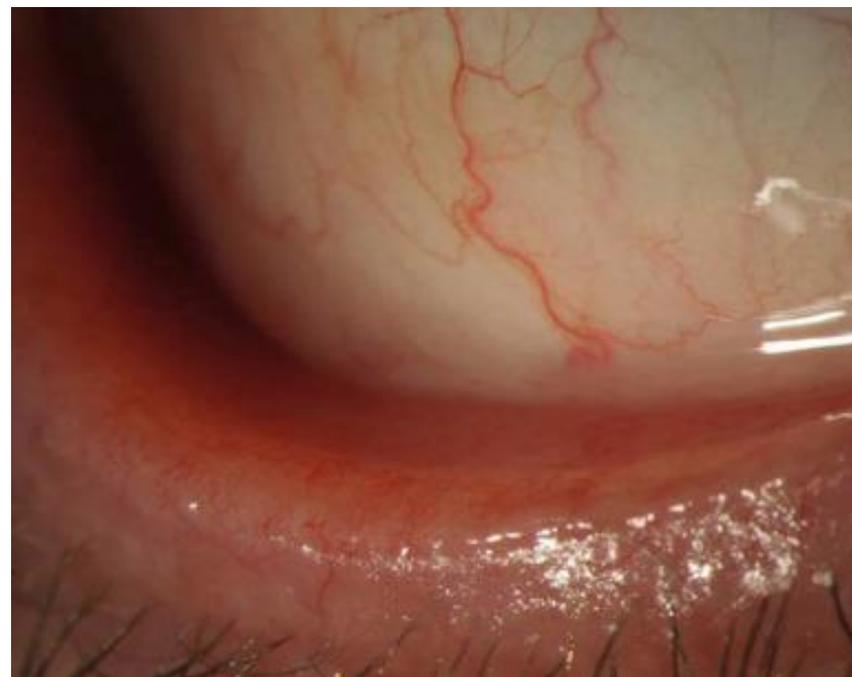
(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Blepharitis (Cont.)

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- Differential Diagnosis
- Laboratory Tests



(From Primary Care, 5th Ed., [www.clinicalkey.com](http://www.clinicalkey.com))

**R<sup>3</sup>**

Relevant, Responsive, Requested

2.1-2-57



# Blepharitis (Cont.)

- Treatment
- Disposition
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-58



# Hordeolum

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- Description
- Clinical Presentation
- Differential Diagnosis



(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Hordeolum (Cont.)

- Laboratory Tests
- Treatment
- Disposition
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

**R<sup>3</sup>**

Relevant, Responsive, Requested

2.1-2-60



# Chalazion

- Description
- Clinical Presentation



STAT!Ref: The Wills Eye Manual: Office and Emergency Room Diagnosis and Treatment of Eye Disease 7th Ed., <https://online.statref.com/>



# Chalazion (Cont.)

- Differential Diagnosis
- Workup
- Treatment
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-62



# Conjunctivitis

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- Description
- Clinical Presentation
- Red Flag Criteria



(From Seidel's Guide to Physical Examination 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))

**R<sup>3</sup>**

Relevant, Responsive, Requested

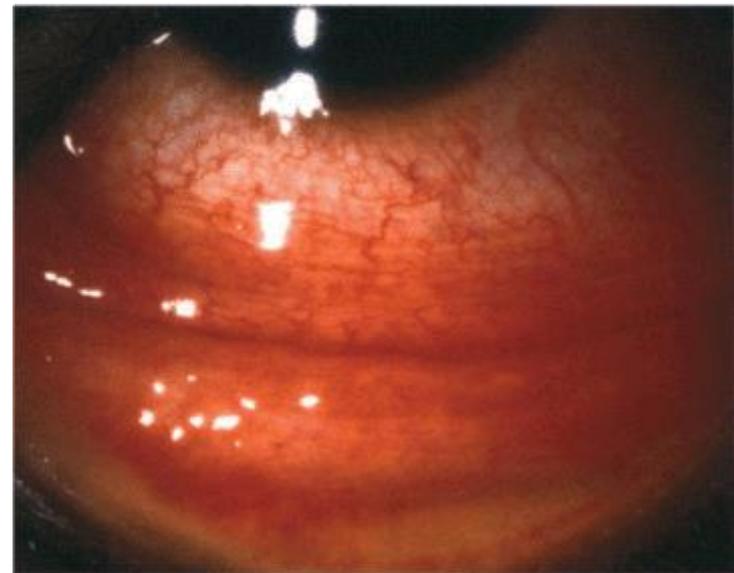
2.1-2-63



# Conjunctivitis (Cont.)

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- Differential Diagnosis
- Workup
- Laboratory Tests



STAT!Ref: The Wills Eye Manual: Office and Emergency Room Diagnosis and Treatment of Eye Disease 7th Ed., <https://online.statref.com/>

**R<sup>3</sup>**

Relevant, Responsive, Requested

2.1-2-64



# Conjunctivitis (Cont.)

- Treatment
- Disposition
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

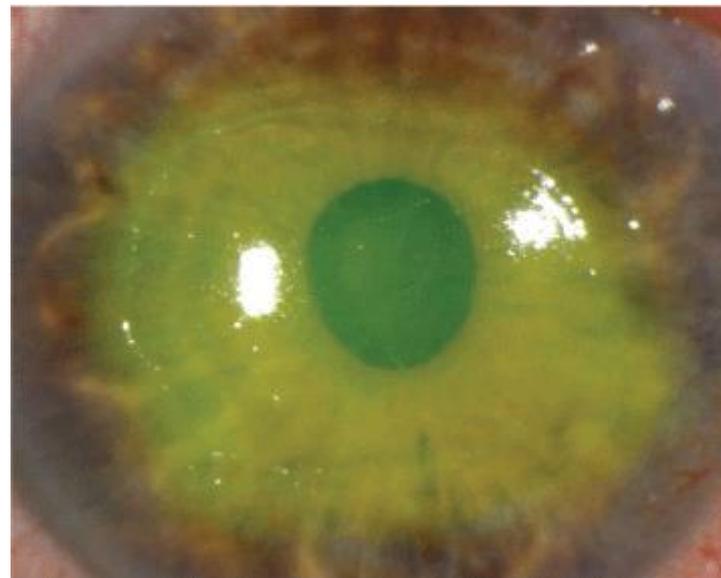
2.1-2-65



# Corneal Abrasions

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- Description
- Clinical Presentation
- Red Flag Criteria
- Differential Diagnosis



STAT!Ref: The Wills Eye Manual: Office and Emergency Room Diagnosis and Treatment of Eye Disease 7th Ed., <https://online.statref.com/>

**R<sup>3</sup>**

Relevant, Responsive, Requested

2.1-2-66



# Corneal Abrasions (Cont.)

- Workup
- Treatment
- Disposition
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-67



# Retinal Detachment

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- Description
- Risk Factors
- Clinical Presentation



STAT!Ref: The Wills Eye Manual: Office and Emergency Room Diagnosis and Treatment of Eye Disease 7th Ed., <https://online.statref.com/>

**R<sup>3</sup>**

Relevant, Responsive, Requested

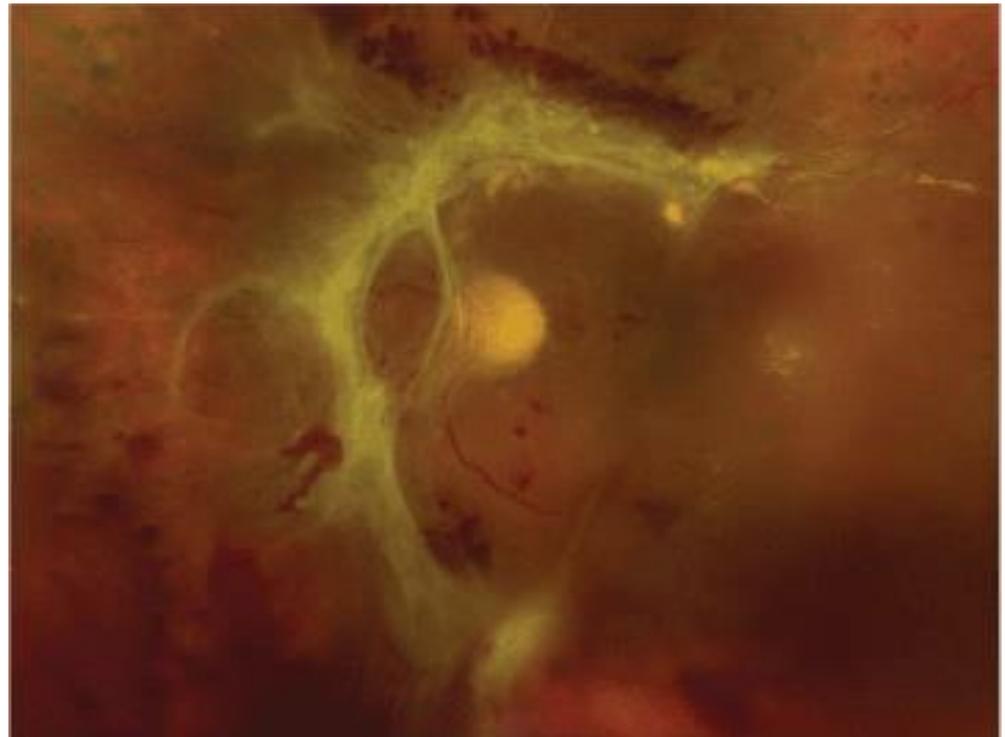
2.1-2-68



# Retinal Detachment (Cont.)

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- Differential Diagnosis
- Workup
- Laboratory Tests
- Imaging Studies



STAT!Ref: The Wills Eye Manual: Office and Emergency Room Diagnosis and Treatment of Eye Disease 7th Ed., <https://online.statref.com/>

R<sup>3</sup>

2.1-2-69

Relevant, Responsive, Requested



# Retinal Detachment (Cont.)

- Treatment
- Disposition
- Referral



STAT!Ref: The Wills Eye Manual: Office and Emergency Room Diagnosis and Treatment of Eye Disease 7th Ed., <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-70



# Otitis Externa

- Description
- Clinical Presentation



STAT!Ref: Merck Manual Professional Version, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-71



# Otitis Externa (Cont.)

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- Differential Diagnosis
- Workup
- Laboratory Tests



(Seidel's Guide to Physical Examination, 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Otitis Externa (Cont.)

- Treatment
- Disposition
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

R<sup>3</sup>

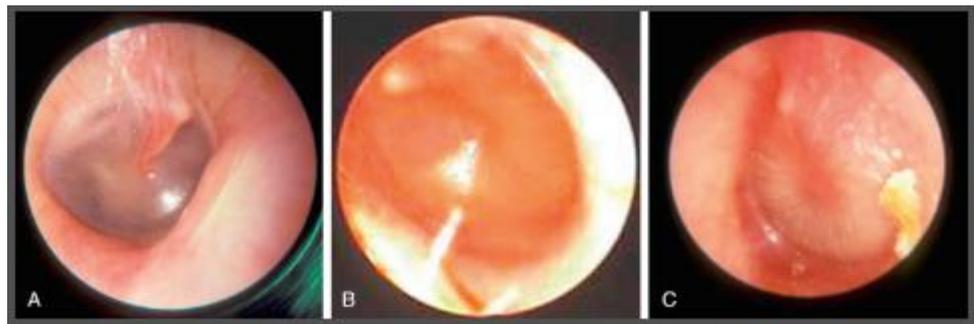
Relevant, Responsive, Requested

2.1-2-73



# Otitis Media

- Description



- Clinical Presentation

Feigin and Cherry's Textbook of Pediatric Infectious Diseases. Casey, Janet R.; Bluestone, Charles D., © 2019. My Athens

**R<sup>3</sup>**

Relevant, Responsive, Requested

2.1-2-74



# Otitis Media (Cont.)

- Differential Diagnosis
- Workup
- Labs and Imaging



(Seidel's Guide to Physical Examination, 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))



# Otitis Media (Cont.)

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- Treatment
- Red Flags
- Disposition
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

**R<sup>3</sup>**

Relevant, Responsive, Requested

2.1-2-76



# Perforated Tympanic Membrane

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- Description
- Risk Factors



(Seidel's Guide to Physical Examination, 9th Ed., 2019, [www.clinicalkey.com](http://www.clinicalkey.com))

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-77



# Perforated Tympanic Membrane (Cont.)

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- Diagnosis
- Diagnostic Tests
- Differential Diagnosis



# Perforated Tympanic Membrane (Cont.)

- Treatment
- Additional Therapies
- Surgery



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-79



# Tinnitus

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- Description
- Risk Factors
- Clinical Presentation



# Tinnitus (Cont.)

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- Differential Diagnosis
- Workup
- Laboratory Tests
- Imaging Studies



# Tinnitus (Cont.)

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- Treatment
- Disposition



Photo by Daniel C Coxwest, U.S. Navy

**R<sup>3</sup>**

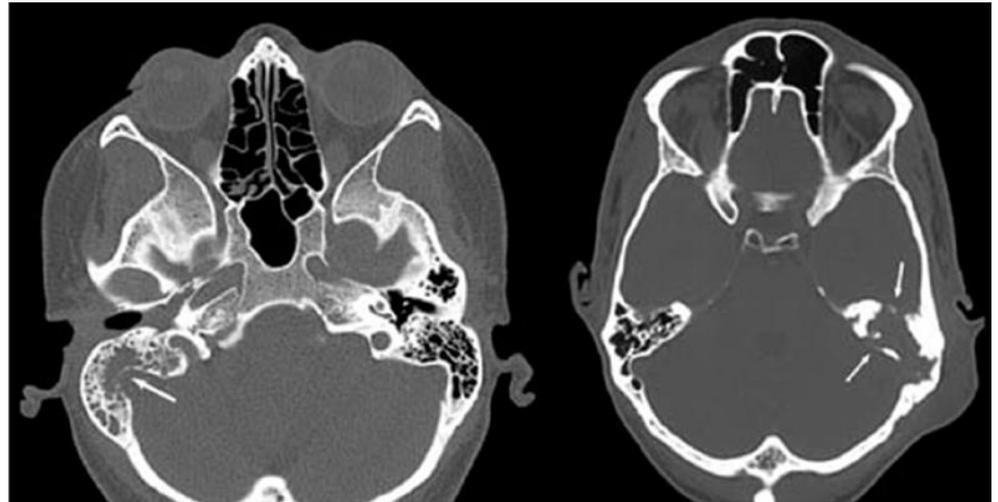
Relevant, Responsive, Requested

2.1-2-82



# Mastoiditis

- Description
- Clinical Presentation



STAT!Ref: *Ballenger's Otorhinolaryngology Head and Neck Surgery* - 18th Ed. (2016), Figure 18-3, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-83



# Mastoiditis (Cont.)

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- Differential Diagnosis
- Workup
- Laboratory Tests
- Imaging Studies



# Mastoiditis (Cont.)

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- Treatment
- Disposition
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

**R<sup>3</sup>**

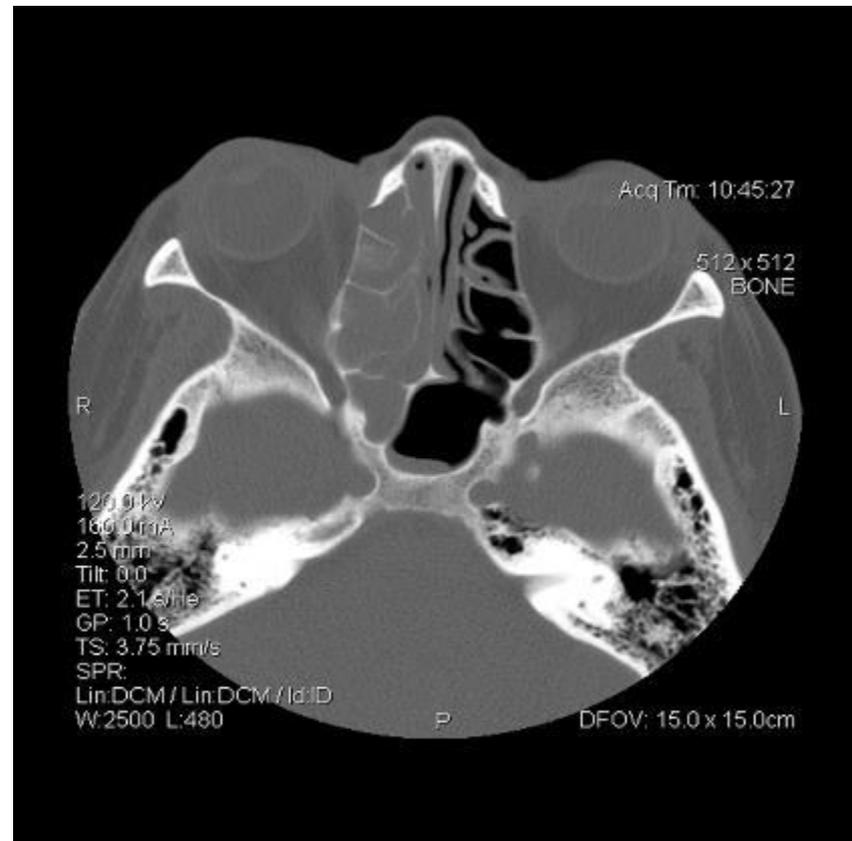
Relevant, Responsive, Requested

2.1-2-85



# Sinusitis

- Description
- Clinical Presentation



STAT!Ref: Merck Manual Professional Version, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-86



# Sinusitis (Cont.)

---

- Differential Diagnosis
- Workup
- Laboratory Tests
- Imaging Studies



# Sinusitis (Cont.)

- Treatment
- Complications
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

**R<sup>3</sup>**

Relevant, Responsive, Requested

2.1-2-88



# Allergic Rhinitis

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- Description
  
  
  
  
  
  
  
  
  
  
- Clinical Presentation



# Allergic Rhinitis (Cont.)

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- Differential Diagnosis
- Workup
- Laboratory Tests
- Imaging Studies



# Allergic Rhinitis (Cont.)

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- Treatment
- Disposition
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

**R<sup>3</sup>**

2.1-2-91

Relevant, Responsive, Requested



# Nonallergic Rhinitis

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- Description
  
  
  
  
  
  
  
  
  
  
- Clinical Presentation



# Nonallergic Rhinitis (Cont.)

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- Differential Diagnosis
- Workup
- Laboratory Tests
- Imaging Studies



# Nonallergic Rhinitis (Cont.)

- Treatment
- Disposition
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-94



# Acute Pharyngitis

- Description
- Clinical Presentation
  - Viral Pharyngitis
  - Bacterial Pharyngitis
  - Red Flags



(From Infectious Disease Clinics of North America, Vol.21, Issue 2, Figure 1, [www.clinicalkey.com](http://www.clinicalkey.com))

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-95



# Acute Pharyngitis (Cont.)

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- Differential Diagnosis
- Workup
- Laboratory Tests
- Imaging Studies



(From Elsevier Point of Care: Pharyngitis, [www.clinicalkey.com](http://www.clinicalkey.com))



# Acute Pharyngitis (Cont.)

- Treatment
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

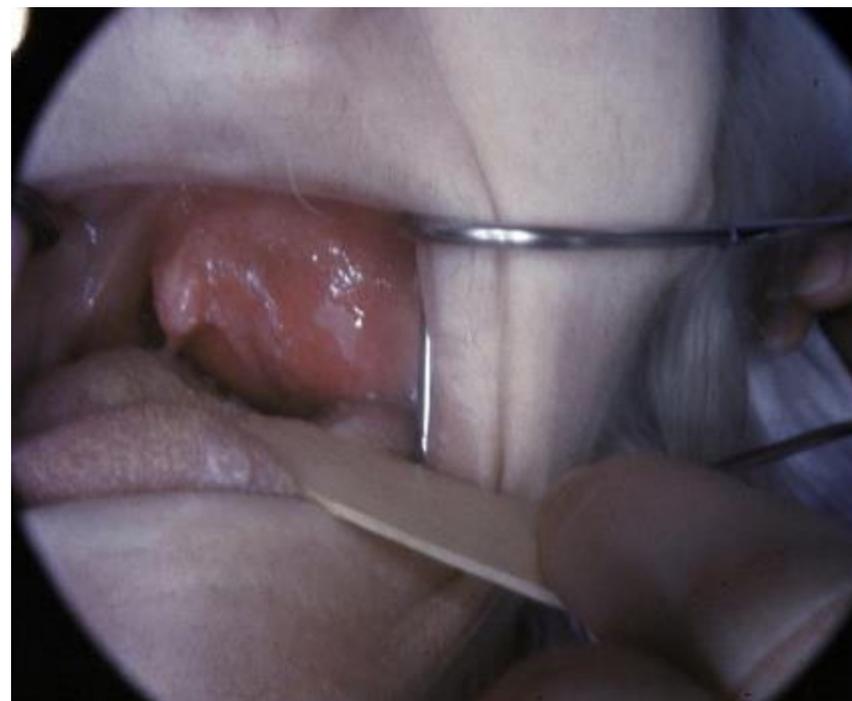
2.1-2-97



# Peritonsillar Abscess

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- Description
- Clinical Presentation



STAT!Ref: Merck Manual Professional Version, <https://online.statref.com/>

**R<sup>3</sup>**

Relevant, Responsive, Requested

2.1-2-98



# Peritonsillar Abscess (Cont.)

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- Differential Diagnosis
- Workup
- Laboratory Tests
- Imaging Studies



# Peritonsillar Abscess (Cont.)

- Treatment
- Disposition
- Referral



STAT!Ref: Clinical Checklist, Lab Advisor & Drugpoints System, <https://online.statref.com/>

R<sup>3</sup>

Relevant, Responsive, Requested

2.1-2-100



# Summary and Review

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- 1.7 Utilize the knowledge of head and neck anatomy while assessing a patient with a HEENT complaint
- 1.8 Utilize the knowledge of eye anatomy while assessing a patient with a HEENT complaint
- 1.9 Utilize the knowledge of eye physiology while assessing a patient with a HEENT complaint
- 1.10 Utilizing the knowledge of ears, nose and throat anatomy while assessing a patient with a HEENT complaint
- 1.11 Utilize the knowledge of ears, nose and throat physiology while assessing a patient with a HEENT complaint



# Summary and Review (Cont.)

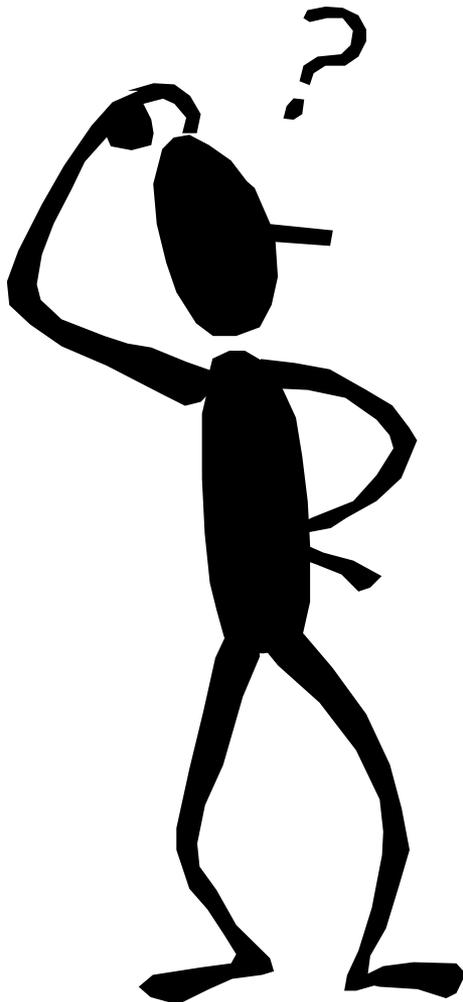
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- 1.12 Obtain history from patients with common head, eye, ear, nose, and throat complaints
- 1.13 Perform a head, eye, ear, nose and throat examination
- 1.14 State signs and symptoms of common head, eye, ear, nose and throat disorders
- 1.15 State treatments for common head, eye, ear, nose and throat disorders
- 1.16 State Red Flag criteria



# Questions

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**R<sup>3</sup>**

Relevant, Responsive, Requested

2.1-2-103



# Application

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- HEENT System Job Sheet, SCSC 2.1-3
- Performance Test 2