

Crunch Time! Facial Injuries

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Disclosures

- Author for Delmar Cengage Learning (formerly Thomson Learning)
 - AED text
 - Pathophysiology text
 - Instructional Airway DVD set
 - Professional Paramedic Textbook series
- Grew up watching Emergency!
- Still like driving RL&S

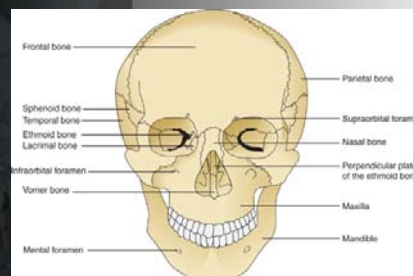


ANATOMY

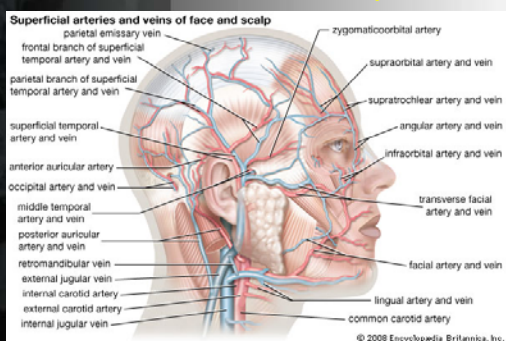
Objectives

- Identify common facial injuries
- Explain prehospital management
- Determine appropriate disposition

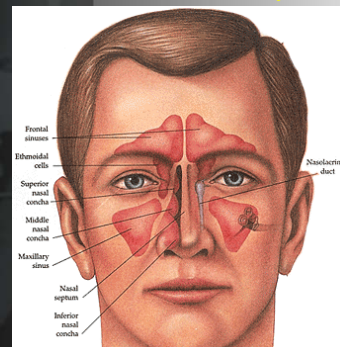
Bony Anatomy



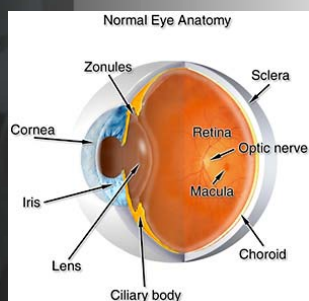
Vascular Anatomy



Nasal Anatomy

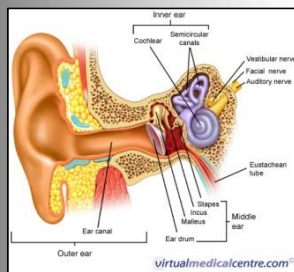
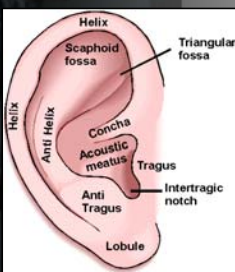


Eye Anatomy



FACIAL FRACTURES

Ear Anatomy

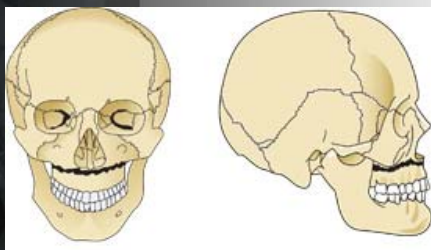


LeFort Fractures

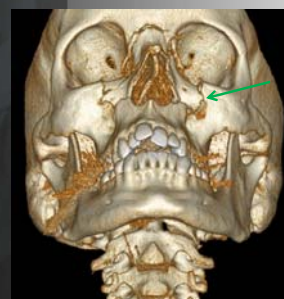
- René LeFort
- Cadaver experiments
- Induced facial trauma
- Classification maxillary fractures



LeFort I



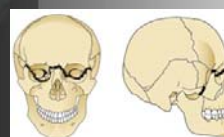
LeFort II



LeFort I



LeFort III



LeFort II



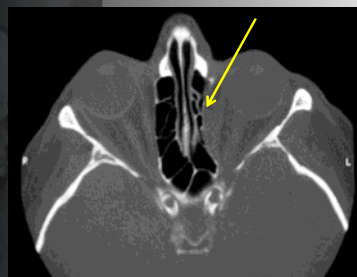
LeFort III



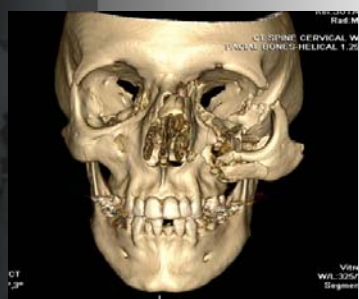
Tripod Fracture



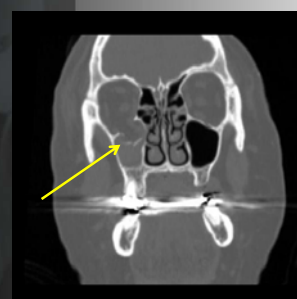
Orbital Wall Fracture



Tripod Fracture



Orbital Blow Out Fracture



Zygomatic Fracture



Orbital Blow Out Fractures



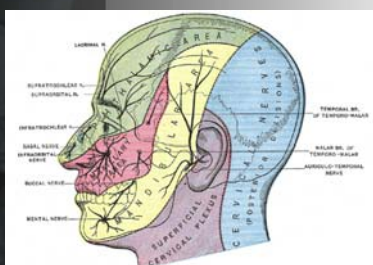
Ocular Muscle Entrapment



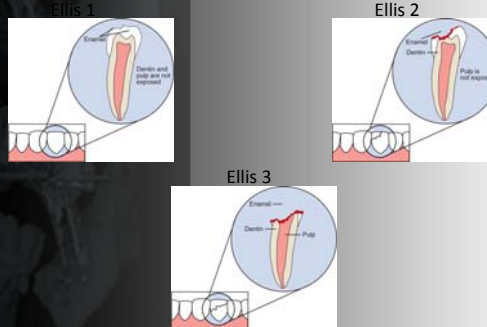
Mandible Fracture – Jaw Fixation



Facial Nerves



Tooth Fractures



Mandible Fractures



OCULAR INJURIES

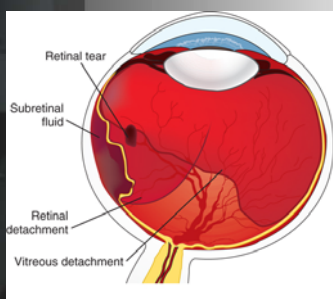
Globe Rupture



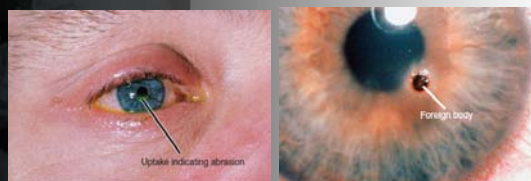
Subconjunctival Hemorrhage



Retinal Detachment



Corneal Injury



Hyphema

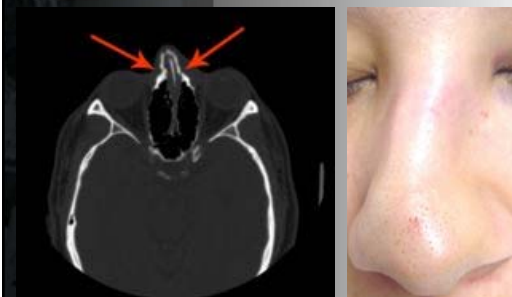


EAR INJURIES

Auricular Hematoma



Nasal Fracture



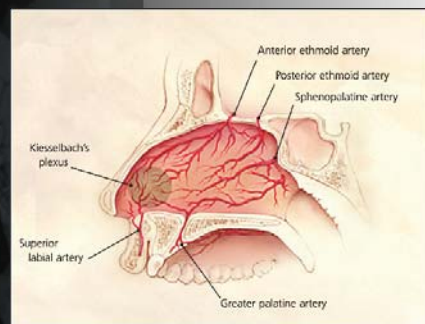
Perforated Tympanic Membrane



Normal

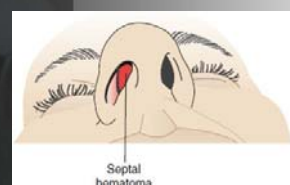
Perforated

Epistaxis



NASAL INJURIES

Septal Hematoma



REVIEW

Review

- Facial tour
 - Bone
 - Eye
 - Ear
 - Nose
- Reviewed common injuries
- Discussed management
- Discussed disposition

Questions?



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