**Presentation:**  OPHTHALMIC EMERGENCY

- **ACUTE TRAUMA:** Hit-by-car (HBC), fighting, fall or hit on head
  - Brachycephalic (can proptose w/ MINIMAL trauma)

**Test of choice:** Proptosis is obvious but…..

- Must evaluate patient stability for surgery & prognosis for eye/vision
- **Ophthalmic Exam** - Only 20% of proptosis cases regain some functional vision
  - Positive menace response = **GOOD** prognostic indicator for vision
  - Positive pupillary light response (PLR) = **GOOD** prognostic indicator
  - Dilated, unresponsive pupil = **POOR** prognostic indicator- Optic nerve avulsion likely

**Rx of choice:** STABILIZE & TREAT LIFE-THREATENING INJURIES FIRST

- **REPOSITION GLOBE IN ORBIT ASAP** if vision or globe can be salvaged
  - Lateral canthotomy, replace globe into orbit, temporary tarsorrhaphy
  - **ENUCLEATION** may still be necessary later if eye is **painful** & **blind**

- **ENUCLEATE** If globe cannot be salvaged due to client preference or extensive damage, ie:
  - Globe rupture, severe intraocular hemorrhage (hyphema)
  - Avulsion of 3+ extraocular muscles, optic nerve avulsion

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**Zuku Review FlashNotes™**

**Classic Question(s)**

Name two good prognostic indicators for vision after ocular proptosis.

Name 4 kinds of extensive damage which would indicate enucleation of a proptosed eye?

What percent of proptosis cases regain some functional vision?