Diseases of The Equine Orbit

Equine Ophthalmology Service
University of Florida
Retrobulbar Administration

- Local anesthetic prior to enucleation
- Retrobulbar block (10 cc)
  - Lidocaine
  - Bupivacaine

4 point block
Retrobulbar block

3.5 inch 22 gauge spinal needle: 10 cc lidocaine
Strabismus

Esotropia in saddlebreds
Proptosis of the globe can occur in horses.
Exophthalmos

Orbital masses
Bony orbital cyst

- Progressive enlargement
- Lacrimal gland abscess
Enophthalmos
Microphthalmos

The globe influences skull shape
Orbital fracture
Orbital fractures
Sinus disease from orbital trauma
Orbital Tumors
Orbital SCC
Lavage cellulitis
Orbital cellulitis
Endophthalmitis/orbital cellulitis post formalin injection for ethmoid hematomas.

1 month later
Orbital Fat Prolapse
Orbital Foreign Bodies

- VIN 090908
Post enucleation “pitting”  Ricky Lobe
Silicone Orbital Implants