**Peterson Nerve Block Technique**

Indication: Enucleation of the eyeball and eyelid and further for exenteration of the eyeball. This achieves analgesia of the eye and orbit and immobilization of the globe. Retrobulbar or orbital local anaesthesia injections are used to reduce globe and nictitating membrane movement, and to block or lower corneal and conjunctival sensation for standing procedures such as eyelid lacerations, nictitating membrane excision, corneal foreign body removal, iris cyst laser ablation, anterior chamber or vitreous injections or aspirations, and enucleations in standing horses and horses under general anaesthesia. Retrobulbar nerve blocks are used to decrease the depth of general anaesthesia required for orbital, corneal, and intraocular surgery.

* 10cm, 18-gauge needle inserted at caudal angle between supraorbital process and the zygomatic arch.
* Direct the needle posteriorly and walk off the coronoid process anteriorly
* Advance to the pterygopalatine fossa.
* Inject 15-20mLs of lidocaine (local anaesthetic).





