



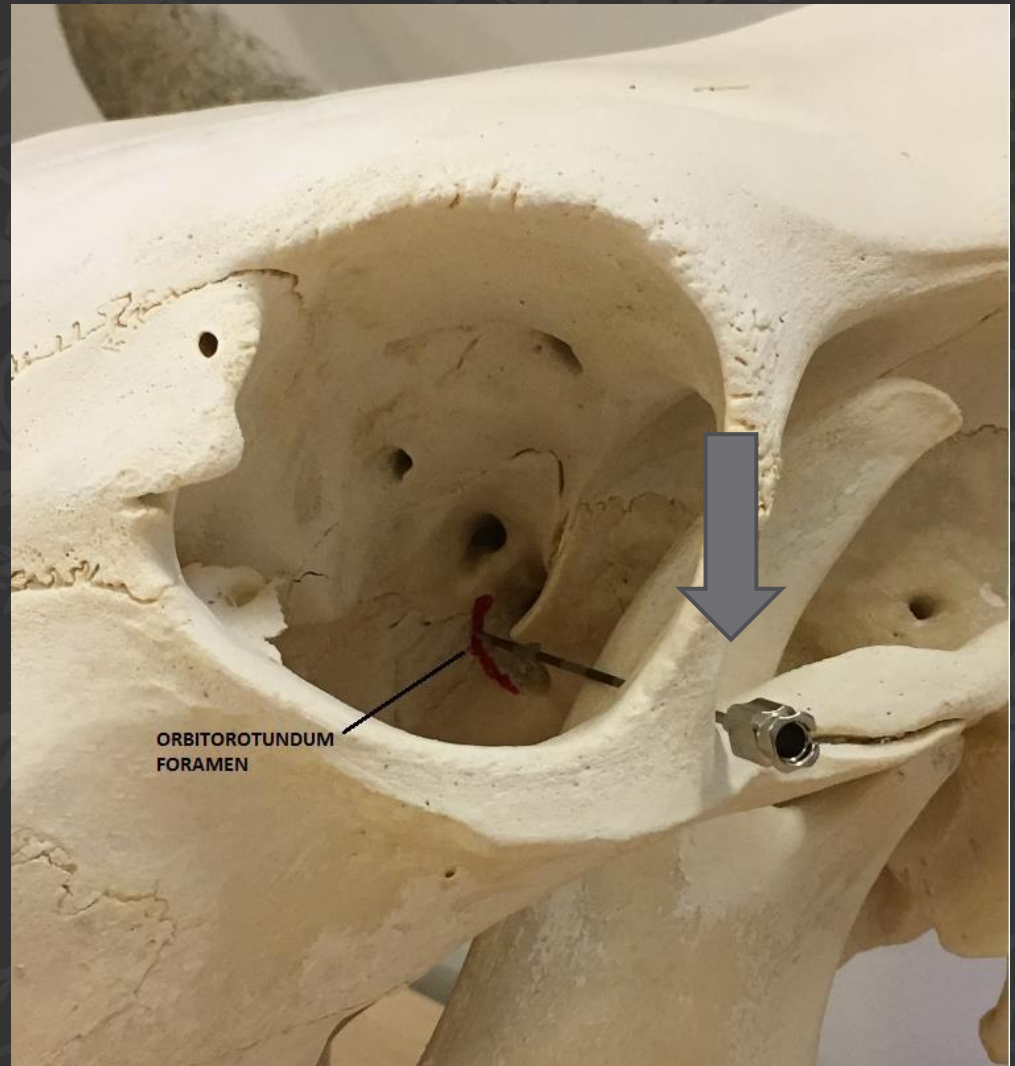
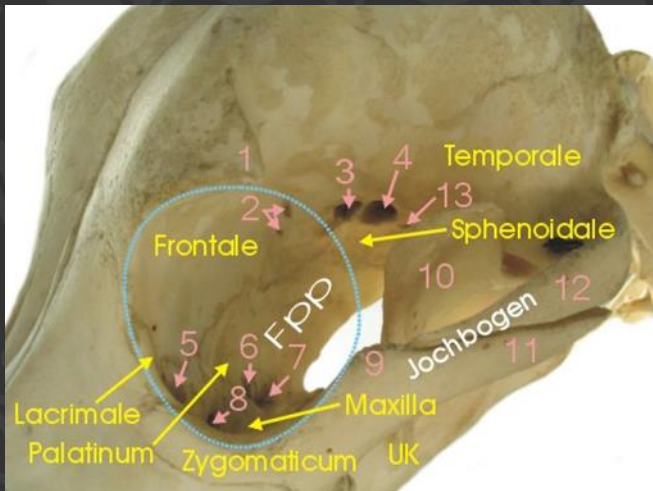
PETERSON NERVE BLOCK

PURPOSE AND INDICATIONS OF PETERSON NERVE BLOCK

- Provides sensory nerve anaesthesia for eye surgeries such as enucleation
- Can be used together with the auriculopalpebral nerve block to provide motor nerve anaesthesia where eyelid surgeries are to be done
- Can also be used for horn procedures in adult cattle

HOW IT IS DONE

- Palpate the area for the notch
- Insert the 14G needle through the skin and as far rostro-ventrally as possible
- Insert the 18G needle through the 14G needle and advance it until the coronoid process of the mandible is felt
- The animal's head is then extended rostrally in such a way that the nasal bone is parallel to the ground
- The 18G needle is then retracted off the coronoid process and is advanced toward the pterygopalatine fossa (FPP in the image) and toward the region of the orbitotundum foramen
- Aspirate the needle to ensure that the needle is not in the maxillary artery
- 15-20mL of Lidocaine 2% is then injected
- Duration of anaesthesia: up to 200 minutes



Note the position of the needle