PROTOCOL IV.19: Lidocaine 2% Viscous Gel, (Xylocaine)

Class: Anesthetic

Actions/Pharmacodynamics: Lidocaine stabilizes the neuronal membrane by inhibiting the ionic fluxes required for the initiation and conduction of impulses, thereby effecting local anesthetic action. In gel formulation, additional lubricant effect is possible.

Indications: Nasotracheal intubation.

Contraindications and Precautions: Lidocaine viscous gel is contraindicated in patients with a known history of hypersensitivity to local anesthetics, amide type. Care should be taken to avoid partially occluding the lumen of the endotracheal tube with gel. Do not use the gel to lubricate the endotracheal stylette. Nasotracheal intubation is approved, when clinically indicated, for treatment in patients older than 12 years of age.

Pharmacokinetics: Onset of action within 3 - 5 minutes.

Side Effects: None expected unless amide anesthetic allergy. In this specific setting, adverse experiences are generally systemic in nature. Cardiovascular manifestations are usually depressant and are characterized by bradycardia, hypotension, and cardiovascular collapse.

Dosage: Adult & Pediatric older than 12 years of age: Apply gel to the external surface of the endotracheal tube, primarily the distal parts near the balloon cuff and the balloon cuff itself, just prior to intubation.

How Supplied: Lidocaine 2% Viscous Gel (20mg); Squeeze bottle of 100ml.