1. **EMLA (Lidocaine 2.5% & Prilocaine 2.5%) or Ametop (Amethocaine 1-2 gm (about the size of a 25 cent piece)**

**Procedure:**
EMLA (Eutectic Mixture of Lidocaine and Prilocaine) or Ametop (Amethocaine 1-2 gm (about the size of a 25 cent piece) topically to intact skin pre-procedure for pain prevention.

**Indications:**
Any child who is a candidate for venous or capillary blood sampling, IM or SC injection, IV initiation, subcutaneous implanted port access (or other venous access device) or lumbar puncture who has intact skin.

**Contraindications:**
- Child has a known allergy to the active ingredient in the medication(s)-EMLA (Eutectic Mixture of Lidocaine and Prilocaine) or Ametop (Amethocaine).
- The child’s skin is not intact i.e. broken or lacerated.
- There is active eczema or skin rashes.
- Do not use on neonates less than 37 weeks gestation.

**Guidelines:**
- Cover medicated skin with an occlusive dressing (i.e. Opsite, Tegaderm).
- The area will be anaesthetized after 30 minutes (Ametop) or 60 minutes (EMLA) and effects will last up to 2 hours.
- Prior to blood sampling or IV insertion, wipe medication off with a dry gauze or tissue.
- Perform an aseptic skin preparation prior to needle insertion.
- Ensure all sites are cleansed and dressings removed prior to discharge from the emergency department.
- Caution: Remove after one hour to minimize side effects.
2. LET (Lidocaine, Epinephrine & Tetracaine) or TAL
Lidocaine, Epinephrine and Tetracaine (LET) as topical anaesthetic applied to cover lacerations 30 minutes prior to suturing

**Indications:**
Lacerations requiring suturing that do not extend beyond dermis

**Contraindications:**
- Laceration to ear, nose, fingers, toes, penis, mucous membranes
- Significant injuring to underlying structure (bone, cartilage, tendons, nerve and vessels) beneath the dermis
- Known allergy or hypersensitivity to any compound components

3. Ophthalmic Anaesthetic Eye Drops: (Alcaine 0.5%)
Ophthalmic Anaesthetic Eye Drops to affected eye x 1

**Indications:**
- In anticipation of Morgan Lens insertion.
- For pain caused by any of the following:
  - Foreign body
  - Chemical splash
  - Thermal injury
  - Corneal abrasion

**Contraindications:**
- Penetrating injury
- Known allergy to ester-type agents (amethocaine, benzocaine, proparacaine, chloroprocaine, cocaine, procaine)
- Known allergy or sensitivity to other eye drop ingredients.

**References:**