

	Policy:	Application of Topical Anaesthetics (Pediatric)
	Number:	
Approved by: MAC November 2008	Manual:	
Signature:	Section:	Medical Directive Emergency
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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.

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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 (bond, 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, chloroprocaïne, cocaine, procaine)
- Known allergy or sensitivity to other eye drop ingredients.

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