

IREDELL HEALTH SYSTEM

Transdermal Analgesia for Pediatric Patients	
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P&T Committee	Date: 02/2021

Standard:

Correct dosages of anesthetic cream will provide the pediatric patient with safe and effective transdermal analgesia for venipuncture, lumbar punctures, lab procedures and IM injections, when time permits.

- **EMLA (Eutectic Mixture of Local Anesthetic)**
- **LMX4 (Lidocaine Mutilamellar X/fer)**

Patient Outcome:

The pediatric patient will experience no adverse reactions from the application of anesthetic cream, and will experience minimal discomfort during venipunctures, lumbar punctures, lab procedures, and IM injections.

Personnel:

RN's and LPN's who have completed in-service education.

Policy:

Transdermal Analgesia (EMLA or LMX4) for Pediatric Patients will:

** Obtain Provider's Order prior to use of Transdermal Analgesia.

1. Only be applied to normal intact skin.
2. **Not** be used on patients with known sensitivities to Lidocaine.
3. **Not** be applied near the eyes, nose, or mouth.
4. **Not** be stored in the patient's room and will be kept out of the reach of children.
5. **Indications for use of EMLA: to be used on pediatric patients under 2 years of age.**
6. **Indications for use of LMX4: to be used on pediatric patients 2 years of age and older.**
7. Reference Lippincott procedure: IV Catheter insertion, pediatric.

Documentation:

1. Time and locations of cream application and indication for use (procedure to be performed).
2. Discussion with parent/guardian/child.
3. Patient's response

INITIAL EFFECTIVE DATE: 08/2006

DATES REVISIONS EFFECTIVE: 08/2010, 12/2013, 10/2017, 02/2021

DATES REVIEWED (no changes):