

Section: Division of Nursing

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PROCEDURE

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HACKETTSTOWN COMMUNITY HOSPITAL

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NEWBORN SERVICES

(Scope)

TITLE: APPLICATION OF EMLA CREAM FOR NEONATAL CIRCUMCISION ANESTHESIA

PURPOSE: 1. To provide pain management for the operative procedure
2. To define nursing responsibilities and care for the use of EMLA Cream.

SUPPORTIVE DATA: EMLA requires approximately one hour to achieve peak effect. It effectively reduces pain for at least one to two hours after removal of the cream. The duration of action may be as long as four hours.

EQUIPMENT LIST: 1. EMLA Cream as prescribed by the physician.
2. Occlusive dressing or gauze pad.

<p>CONTENT:</p> <p><u>Procedure Steps:</u></p> <ol style="list-style-type: none"> 1. Apply cream to the newborn penis as ordered. 2. Wipe off cream just before the procedure. 3. Assess newborn for pain using the neonatal pain scale. Document in the chart. 	<p><u>Key Points:</u></p> <p>Physician will call nursing unit prior to arrival to allow time for the EMLA Cream to take effect. To attain adequate anesthesia, 1- 2 grams of EMLA Cream should be applied per 10 sq. cm. skin and covered with an occlusive dressing.</p> <p>Contraindications to the use of EMLA include: conditions requiring rapid treatment, known sensitivity to local anesthetics, and predisposition to methemoglobinemia (such as glucose-6-phosphate dehydrogenase deficiency) or concurrent use of methemoglobin-inducing medications.</p>
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References:
Lerman, S.E. & Liao, J.C. Neonatal Circumcision. Pediatric Urology: 48(6): 1539 – 1557, 2001.

Physician's Desk Reference, 58th ed. Thompson Publishing, USA, 2004, 605-608.