

IREDELL HEALTH SYSTEM

Lidocaine Use with IV insertion	
Approved by: Pam Gill, RN, Infection Control Becky Wagner, DNP, RN Laura Rollings, PharmD, BCPS, BCGP	Last Revised/Reviewed Date: 05/2021
Nursing Leadership P&T Committee	Date: 2010 Date: 06/2021

Policy:

In an effort to promote comfort during intravenous cannulation, nurses may use local anesthetics to infiltrate the skin surrounding insertion sites. The patient should meet the criteria for use and use should be considered based upon assessment of patient condition, needs, risk, and benefits. The licensed personnel should make sure the patient does not have an allergy to Lidocaine. Use only 1% Lidocaine (do not use Lidocaine with Epinephrine). A physician's order to use Lidocaine with IV sticks should be obtained.

When administering a local anesthetic, assess the patient for signs and symptoms of reaction, including but not limited to, bruising, contact dermatitis, depigmentation, petechia, itching, rash, and anaphylaxis.

Staff: Licensed Personnel- with demonstrated knowledge of policy, criteria for use, and demonstrated competency.

Criteria for Use:

- Patient is a difficult stick (has required frequent sticks at present or in past).
- Patient requests the use of Lidocaine with IV insertion.
- Pediatric patients (Refer to Intravenous Therapy for Pediatric and Adolescent Patients) Order must be obtained for local anesthetics.
NOTE: Use of topical anesthetics prior to painful dermal procedures in children should be encouraged, in addition to use of adjunctive and less invasive anesthetic and anxiolytic therapies.
- Using large bore IV catheters (16G, 18G) in areas such as the hand.

Documentation:

Document procedure in nursing care record.

INITIAL EFFECTIVE DATE: 04/2010

DATES REVISIONS EFFECTIVE: 01/2016, 10/2018, 06/2021

DATES REVIEWED (no changes):

References:

Perucca R. Obtaining vascular access. In: Hankins J, Lonsway RAW, Hedrick C, Perdue MB, eds. *Infusion Therapy in Clinical Practice*. 2nd ed. Philadelphia; WB Saunders; 2007: 375-388.

Infusion Nurses Society, Journal of Infusion Nursing "Infusion Nursing Standards of Practice", Vol. 39, No. 1S, January/February 2016, Local Anesthesia, page S63.