

HIGH DESERT HEALTH SYSTEM AMBULATORY SURGICAL CENTER

SUBJECT: V-136 GUIDELINES FOR PLACEMENT OF INTRAVENOUS CATHETERS AND INTRAVENOUS FLUID ADMINISTRATION	POLICY #: 1250
	VERSION: 1
APPROVED BY: ASC Approvers	
DATE APPROVED: 06/28/2016	

PURPOSE: To provide guidelines on how to place an intravenous (IV) catheter and administer intravenous fluids in a safe and aseptic manner.

POLICY: Peripheral intravenous catheter and intravenous therapy are performed by Registered Nurses (RN) and Licensed Vocational Nurses (LVN) who have been certified to place IV catheters and give intravenous fluids.

LVNs may NOT perform the following procedures:

- Administer or prepare IV piggyback medication
- Administer or prepare IV solutions containing medications
- Infuse IV push medications except to flush an intermittent infusion lock

PROCEDURE:

A. PREPARATION:

1. Verify physician order.
2. Wash hands.
3. Assemble all equipment before procedure.
4. Explain procedure to the patient.
5. Position patient comfortably.
6. Prepare solution with an aseptic technique and label.
7. Attach IV tubing to container.
8. Run solution through tubing to remove air.
9. Select appropriate IV catheter.

B. INSERTION OF CATHETER

1. Wash hands.

HIGH DESERT HEALTH SYSTEM AMBULATORY SURGICAL CENTER

SUBJECT: V-136 GUIDELINES FOR PLACEMENT OF INTRAVENOUS CATHETERS AND INTRAVENOUS FLUID ADMINISTRATION	POLICY #: 1250
	VERSION: 1

2. Select IV site:
 - a. Begin at distal end of the vein, if possible
 - b. IV should not be started on leg or feet unless ordered by physician
3. Clip hair at IV site, if necessary.
4. Place tourniquet around limb two (2) inches or more above insertion site. Stretch tourniquet slightly and secure with slip loop.
5. Put on gloves.
6. Cleanse skin over vein with starting at the point of insertion and wiping outward in circular motion about two (2) to three (3) inches. Allow to air dry 30 seconds.
7. Insert catheter following manufacturer's instructions for use in venipuncture.
8. Release the tourniquet.
9. Attach IV tubing to the hub of the catheter.
10. Do not open the IV fluid with the contaminated gloved hand.
11. Apply dressing.
12. Remove gloves and wash hands.

C. TERMINATION OF INFUSION

1. Wash hands and put on gloves.
2. Stop flow by clamping of tubing.
3. Remove dressing and tape from venipuncture site.
4. With a dry sterile sponge, hold over injection site, remove needles or cannula.
5. Apply Band-Aid or sponge over insertion site.
6. Remove gloves and wash hands.

HIGH DESERT HEALTH SYSTEM AMBULATORY SURGICAL CENTER

SUBJECT: V-136 GUIDELINES FOR PLACEMENT OF INTRAVENOUS CATHETERS AND INTRAVENOUS FLUID ADMINISTRATION	POLICY #: 1250 <hr/> VERSION: 1
---	--

D. DOCUMENTATION IN THE MEDICATION RECORD OF:

1. Insertion of catheter, including IV catheter type, size and location and appearance of site.
2. Solution type and amount of IV fluid infused.
3. Additional medications, if added.
4. Termination, including the condition of the IV site.
5. Note any unusual observations and reactions and notify physician.

E. SKILLS AND KNOWLEDGE:

1. Knowledge of equipment used for IV therapy
2. Knowledge of IV administration techniques and procedures
3. Knowledge of aseptic techniques used in IV therapy
4. Knowledge of drug stability and incompatibilities

F. All antibiotics as piggyback, will be administered through an Infusion Pump

G. All pediatric IV solutions will be on Buritrol.

REFERENCE:

Kowalak, J., (Ed.) (2009). Lippincott's nursing procedures (5th ed.) Philadelphia: Lippincott Williams & Wilkins.

Medication Administration-Ambulatory Care Manual, 2011

Board of Registered Nursing and Board of Vocational Nursing

Practice Act with Rules and Regulations, Department of Consumer Affairs, Sacramento, CA

Original Date: 07/01/2003
Reviewed: 06/28/2016
Next Review Date: 06/28/2019
Previous Review Dates: 02/20/09; 06/06/14
Previous Revise Dates: 04/08/09; 06/09/14