

Section: Division of Nursing

\*\*\*\*\*

Index: 8620.902a

**PROCEDURE**

Page: 1 of 2

Approval: \_\_\_\_\_  
\_\_\_\_\_

\*\*\*\*\*

Issue Date: June 3, 1991

Reviewed Date: April 15, 2005

HACKETTSTOWN REGIONAL MEDICAL CENTER

Originator: Connie Dellano, RN  
Donna Kendrick, RN

Reviewed by: S. Blake, RN  
M. Davis, RN  
S. Blake Rinaldi, RN

**TITLE: PEDIATRIC CUTDOWN**

---

PURPOSE: To outline the steps for assisting in Pediatric Cutdown.

- SUPPORTIVE DATA:
1. Must be performed by a physician.
  2. Obtain weight before starting IV
  3. Explain procedure to parents and obtain consent.

- EQUIPMENT LIST:
1. Pediatric Cutdown Tray (located on bottom of Pediatric crash cart)
  2. Refer to specific doctors cardex for more specific information (Kept at nurses station)
  3. IV Solution
  4. Appropriate IV Tubing
  5. Sterile Gloves
  6. Betadine Solution
  7. Tape
  8. Clear Dressing
  9. Armboard with Cover
  10. Circumcision Board (Obtain from OB)

CONTENT:	<u>PROCEDURE STEPS</u>	<u>KEY POINTS</u>
	1. Check doctor's order.	
	2. Identify child using 2 identifiers.	
	3. Set up cutdown tray on bedside table using sterile technique.	
	4. Open sterile gloves and place at bedside.	
	5. Open sutures and blades and drop onto sterile cutdown tray.	
	6. Pour Betadine solution into a small metal cup.	
	7. Open cutdown catheter or angio cath.	Physician will specify size and type.
	8. Have armboard and tape ready. Purge IV tubing with IV fluids.	
	9. Position child as instructed by physician.	Hold securely without allowing movement or place in circumcision board.
	10. After catheter is inserted by physician, attach IV tubing to end of catheter or angiocath.	
	11. Secure IV tubing after physician has sutured	

catheter in place.

12. Set pump for IV rate.
13. Place clear dressing over insertion site.
14. Tape extremity to armboard.

- DOCUMENTATION:
15. Document location and size of catheter.
  16. Document how patient tolerated procedure.
  17. Label tubing, bag and site per IV Therapy protocol.

**DISCONTINUATION OF PEDIATRIC CUTDOWN**

- EQUIPMENT LIST:
1. Gloves
  2. Suture Removal Set
  3. Sterile dressing
  4. Betadine solution
- 
1. Close clamp on tubing.
  2. Remove Kerlex or Kling, armboard and dressing.
  3. Open suture removal set for MD. MD will remove cutdown catheter.
  4. Place sterile 2x2 over area and apply pressure until bleeding is controlled.
  5. Apply sterile dressing.
  6. Discard tubing in regular trash. Discard IV bag in biohazard waste.
  7. Place contaminated instruments in Bio-Hazard plastic bag and close securely for Central Supply.
- DOCUMENTATION:
8. Document time and date cutdown was discontinued and if any solution was left in the bag.
  9. Document skin condition of the vein cutdown site.
  10. Document name of physician who discontinued vein cutdown.