



## Paediatric Intensive Care unit Nursing Procedure: Care of child with P.D. Drain/s

**Definition** , PD (Peritoneal) drains are used for children on PICU with respiratory compromise due to ascites – accumulation of fluid in the peritoneal cavity causing abdominal swelling. They are rarely used for the provision of chronic renal therapy in the PIC setting.

### Equipment needed,

- 1 Paediatric Acute Peritoneal Dialysis Catheter Set  
C-PDS-851U-PT  
Sizes available 5f, 8.5f and 9f
- 2 Minicap extended life PD Transfer Set with twist clamp  
R5C4483  
Extra short
- 3 Catheter Bag
- 4 Sterile Gloves
- 5 Chloraprep (one step stick)
- 6 Sutures
- 7 Stitch cutter
- 8 10ml Syringe x 1
- 9 Three way tap
- 10 Gauze
- 11 Sleek
- 12 Sterile Dressing Field
- 13 Sterile Gown
- 14 Abbocath (size dependant on guide wire size – consultant will advise)



### Procedure

Peritoneal Drain will be sited by medical staff. However a trolley will need to be set up, aseptically with equipment above. All equipment must be sterile.

#### Step 1

After peritoneal drain has been Sited and sutured in place by Medical team, attach T-piece Extension that is provided in Pack.



#### Step 2

Attach minicap extended life PD transfer set to the end of the T-piece extension



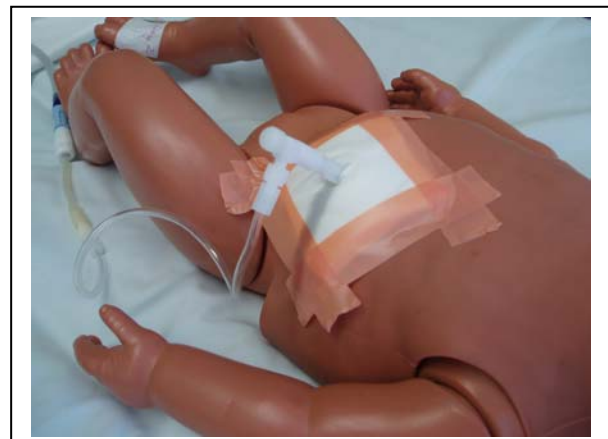
#### Step 3

(Using sterile scissors)  
Cut off connector at end  
Of catheter bag tubing and  
Attach this to end of  
Minicap PD transfer set



#### Step 4

Dressing –  
Cut a slit half way up a pack  
of sterile gauze and arrange  
this around the exit point of  
the peritoneal drain site.  
Tape securely with sleek.



## **References,**

McFarren T (Ed) (1998)  
Oxford dictionary of Nursing 3<sup>rd</sup> edition  
Oxford : Oxford University Press

## **Author**

Natalie Kersley

**Date produced** July 07

**next review due** Sept 2010

**Review date** July 08