

Urodynamic Catheter Placement Under Sedation/Anesthesia

You and your doctor have decided to use sedation for placement of urodynamic catheters. Generally this is done when it is determined that your child cannot tolerate catheter placement while awake. It is likely that your child will be the first case of the day to allow enough time between sedation and testing. Expect to be here very early in the morning.

Bladder studies are routinely done without any anesthesia because bladder control is affected by anesthesia/medications. It is vital that the patient be able to tell us about sensations during testing. During testing the evaluation of bladder function must be done with the patient fully awake and cooperating.

While your child is asleep we will place three measuring devices.

1. Bladder catheter (in urethra and taped to skin)
2. Rectal catheter (in rectum and taped to skin)
3. Wire electrodes (under skin and taped in place)

IT IS VERY IMPORTANT THAT THESE DEVICES REMAIN SECURELY TAPED TO PREVENT REMOVAL!

The doctor will explain the procedure when you arrive for your bladder test.

Your child will have placement early in the morning and have testing early afternoon. We cannot test your child immediately following the procedure. There must be a sufficient amount of time for the anesthetic to completely wear off before testing (minimum 4 hours). Your child may be awake but the bladder function takes several hours to return to normal. We want to get accurate results for your child.

During the time you are waiting we encourage you to have your child eat and drink. Your child may walk and sit in a chair. We ask that your child does not run or jump. This may cause catheters to become dislodged. If catheter does come out it can be replaced but this would be done awake.

Your child may need to use the bathroom during this time. The bladder catheter is small enough to allow urine to flow around it. It is taped in place and should not come out. You can help your child to void normally in the bathroom. The rectal balloon may give your child a sense or needing to have a bowel movement. Please ask your child to try to wait. If they do have a bm the catheter may come out. This is not a big problem as it can be easily replaced.

Please do not allow your child to remove any of the tape placed on their skin.

While you are waiting, places to pass the time are:

- Our waiting room with television
- Main lobby in Children's Hospital
- Cranberry Corner gift shop

- Outdoor Garden near stairs to Café
- Library near coffee shop
- Women's Café

After testing, all measuring devices and tape will be removed. Removal is much easier than placement and takes only a few minutes. Reassure your child that removal will be quick. You may want to prepare your child by telling them that removal is like having a band-aid removed. We use very sticky tape to ensure that devices remain in place.

We recommend that you explain the purpose and placement of catheters to your child in an age appropriate manner. We have found that most children regardless of age do much better if they know what to expect.

If you have any questions you can call before testing at 919-966-1316.