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Pediatric Urology  
**Cystometrogram**

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A cystometrogram (also called a CMG) is an electronically recorded measurement of the bladder function.

**Preparing for the test:**

1. The test should not be done if your child has a bladder infection unless specifically ordered by your doctor.
2. Some medications (such as Ditropan, Detrol, or Tofranil) can interfere with the test. Discontinue these medicines one to two days before the test unless specifically instructed to stay on them by your doctor. However, do not stop antibiotics.
3. Your child can eat and drink before the test.
4. Please feel free to ask questions before, during, and after the test. It is very important that your child feels relaxed and comfortable to get valid results.
5. Please bring your child's favorite "comfort" toy such as a stuffed animal or blanket.

**Procedure:**

1. A urinary catheter (small hollow flexible tube) is inserted into the bladder in order to fill the bladder.
2. The catheter is attached to a monitor that will measure the pressure inside the bladder while it is being filled.
3. A small catheter with a balloon tip is placed just inside the rectum to monitor straining or movement.
4. Electrodes (small, sticky pads) are placed on your child's bottom to measure muscle movement.
5. A monitor records your child's bladder activity.
6. While your child's bladder is slowly being filled your child is asked to tell the provider:
  - a. When they first feel something in their bladder
  - b. When they feel full
  - c. When they feel like they have to urinate (pee) and cannot hold it anymore

**Note:** The test will be stopped at any point if your child becomes too uncomfortable.

**After the procedure:**

Your child may experience some burning with urination (peeing) the first one or two times after the test. If this should happen, or if your child has difficulty urinating (peeing) allow your child to relax in a warm tub of water and pee in the tub.