Uroflow/Electromyography (EMG) & Bladder Scan Testing for Your Child

These tests are a simple, noninvasive way for your provider to get more information about your child’s bladder and how they urinate.

What does the test tell us?

- How much urine is in your child’s bladder
- How fast the urine flows out of the bladder
- If the urine stream starts and stops or is a continuous flow
- What muscles are used when your child urinates
- How much urine is in your child’s bladder after urinating

Getting ready for the test

- Your child must come to the test with a comfortably full bladder
- Your child should not urinate for 2 hours before the test. We understand this may not be easy for your child. If your child’s bladder is not full, you may be asked to reschedule.
- Your child should drink at least 16-24 oz of liquid (water is best) about 1 hour before the test and continue to drink until the test starts
- Your child should not have any drinks with caffeine because it may affect results

If your child is taking any of the bladder medicines below, they may need to be stopped before the appointment. Your provider will give you specific instructions for your child’s medicine.

<table>
<thead>
<tr>
<th>Bladder Medicines</th>
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<tbody>
<tr>
<td>Detrol</td>
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<tr>
<td>Ditropan</td>
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<td>Enablex</td>
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<td>Oxybutynin</td>
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What happens during the test?

Before the test, we will measure how much urine is in your child’s bladder with a bladder scan. This is similar to an ultrasound and is not painful. A small amount of lubrication jelly will be applied to your child’s lower abdomen. If the bladder is full enough, we will do the test.
Several sticky patches (EMG sensors) are placed on your child’s body. Two patches will be on the buttocks close to the anal opening. Another patch is placed on their back and three patches on the stomach. These patches measure how the muscles work that control urination (EMG test).

When the patches are in place, your child will urinate into a special toilet connected to a special computer sensor (uroflow test). During the test you may stay with your child or we will give them privacy, if possible. After the test is done, a second bladder scan is done to measure how much urine is left in the bladder. This is called the post void residual (PVR).

**When do I get the results of this test?**

A physician will review the test within 2 weeks. Your provider will contact you with the recommendations and talk about further treatment planning.

**Phone Numbers**

**Pediatric Urology Clinic** (608) 263-6420

If you live out of the area, call **1-800-323-8942**.

Your health care team may have given you this information as part of your care. If so, please use it and call if you have any questions. If this information was not given to you as part of your care, please check with your doctor. This is not medical advice. This is not to be used for diagnosis or treatment of any medical condition. Because each person’s health needs are different, you should talk with your doctor or others on your health care team when using this information. If you have an emergency, please call 911. Copyright © 2/2014 University of Wisconsin Hospital and Clinics Authority. All rights reserved. Produced by the Department of Nursing. HF#7468