

# Video Urodynamics

Your child's appointment time: \_\_\_\_\_ am/pm,        /        /

**Radiology Medical Imaging Department 2<sup>nd</sup> floor, Rogerson Building, Zone A**

## What the procedure checks for and what will happen on the day:

Video urodynamics (VUD) is an investigation of your child's bladder function. Your child won't need to have a full bladder prior to this procedure and there is no need for any preparation for the test.

Your child will be asked to change into a hospital gown on arrival for the test. The doctor will insert a small catheter (tube) into your child's bladder, the catheter has two sections (lumens), one is to fill the bladder with fluid and the other is to measure the pressure inside your child's bladder. Pressure measurements will be recorded during the filling of the bladder and also when your child passes urine (wee) at the end of the procedure.

To ensure the pressure inside the bladder is being measured correctly the doctor will also place a small catheter into their back passage/bottom (rectum); this is painless, but may feel uncomfortable.

When Video Urodynamics starts, your child will be asked to cough, tell us when they have their first sensation of a full bladder and when they feel they can't hold any more fluid. At this stage your child will be asked to empty their bladder (wee) and we will continue to measure the pressure in their bladder while passing urine.

The fluid used to fill their bladder will be x-ray fluid. This is so we see what happens to their bladder during the filling phase, when they cough, if there is leakage of urine and when they are emptying their bladder. This fluid does not produce any radiation and there is no risk of harm from it.

It is important for the success of the procedure that your child understands why this test is being performed and is as relaxed as possible during the investigation. They should not feel embarrassed about wetting during the procedure. Being able to see how the bladder 'acts' helps to tell a story about how their bladder is working so we can help to make a plan specific to your child's needs.

The procedure will take approximately 45 minutes to perform.

## Who can attend with your child:

Please inform medical imaging staff if the adult accompanying the child is pregnant or possibly pregnant and make alternate arrangements for another adult to stay with the child as a support.

The Video Urodynamics room is small and can accommodate the staff needed to perform the test and 1-2 adults as a support for the child. Other siblings cannot come into this room. Please arrange alternative care for them for this appointment.



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## Sedation:

Occasionally a child will require sedation for this procedure. This will be discussed with you by your treating Specialist. This does not mean that your child will go off to sleep- but they will have medicine that helps them forget what happens. They will still be awake and aware during the procedure. If sedation is required please expect to be at the hospital for 1.5-2 hours. Depending on your child's age and ability, they may have some medication that is sprayed up their nose or a gas 'happy gas' to help them relax and forget what happened.

On the morning before the test, please feed your child a light breakfast as some sedation can make your child nauseous. Please bring something to eat and drink for your child for after the procedure.

## Distraction:

Some children benefit significantly from distractions such as watching a video or listening to music during the procedure, especially if they are a bit nervous beforehand. You are welcome to bring in a device from home to use throughout the procedure to help with any anxiety your child may have.

## Results:

The test results and recommended further management will be explained at a follow-up appointment with your Urologist to allow for thorough analysis of the investigation.

If you have any questions before the procedure, please contact the Stoma/Urology Nurse Consultant on 0466 432 571 between 8.00am - 4.00pm -Monday to Friday.

## For more information

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