



Your Child's Micturating Cystogram Examination

Radiology Department

Great Western Hospital

If you need to cancel or you have queries or concerns please contact the department on

01793 60 50 59

Opening Hours

Monday - Friday 9.00am – 4.30pm



Your Child's Micturating Cystogram Examination

What is an MCUG x-ray (micturating cystogram)?

Micturating means 'passing urine' and cystogram means 'examination of the bladder'.

A micturating cystogram is a test to find out what happens when your child's bladder fills with urine and empties. In some children the urine travels back up to the kidney and it is important that your child's doctor knows if this is happening.

What does the test involve?

The Radiologist puts a fine soft tube, called a catheter, into your child's bladder through the urethra (the tube which urine passes from the bladder to outside the body). This is not painful but can be uncomfortable; an anaesthetic (numbing) jelly is used to help the tube slide into place. This usually only takes a few moments. The bladder is then gently filled with a warmed colourless fluid which shows up on x-rays and images are taken of the bladder. The whole procedure will take no longer than 20-30 minutes.

Are there any risks involved?

During your child's procedure they will receive a dose of ionising radiation to help us form images of your body and this will provide your doctor with detailed information. The radiation dose is always kept as low as possible. The actual dose you receive will vary depending on the type of procedure you are having, but your doctor has considered this and feels that this is the best procedure for you to have to help diagnose or treat your condition.



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We are all at risk of developing cancer in our lifetime and the added risk from undergoing your procedure is small and is outweighed because of the benefits it provides and every procedure that you have in Radiology has been assessed to ensure that the benefit outweighs the risk. For more information see the displays within the department or ask a member of staff.

Antibiotics

Rarely a child can get an infection because of the insertion of the catheter. Most children who have this test are already taking a small dose of antibiotic at night called Trimethoprim.

We advise you to give your child an extra dose of Trimethoprim in the morning as well as the usual night time dose, the day before the test, the day of the test, and the day after.

If your child is not taking antibiotics we suggest you contact your doctor to arrange for your child to have a three day course of Trimethoprim; 2mg/kg twice daily. If your child is on a different antibiotic please contact your Consultant.

Before:

- Your child may eat and drink normally
- You are encouraged to bring any comforters or special toys that your child is familiar with.



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After:

- There should be no after effects.
- You may get some preliminary results from the test at the time of the examination. The Radiologist will examine the images fully after the test and make a report which will be sent to the Consultant.

From 1st January 2019 smoking will not be permitted on any NHS site in England. Smoking will not be permitted within any of our buildings or anywhere outside on our sites. Smoking facilities will not be provided. Please be considerate of others when vaping in hospital grounds.

This information sheet is available to order in other languages and formats. If you would like a copy, please contact us on 01793 604031 or email gwh.pals@nhs.net

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