

Information for Patients and Carers

Micturating Cystogram (Paediatric)



What is a micturating cystogram?

A micturating cystogram is an X-ray examination which assesses the function of your child's bladder whilst they are passing urine. This examination is carried out for a variety of reasons and aims to investigate the cause of your child's symptoms.

As part of the examination a contrast agent (an X-ray dye) is used.

A very small number of patients have an allergic reaction to the X-ray contrast agent. Before the examination begins the radiographer will ask you a series of questions about your child's medical history, including any allergies they may. This will help us assess if they are at risk of an allergic reaction.



This examination is performed by a specially trained advanced practitioner radiographer. They will carry out the examination and produce a report for the paediatrician who has referred your child for this examination. An assistant will also be in the examination room during your child's micturating cystogram.

One parent/carer will need to remain in the examination room with the child.

Please inform us before you and your child attends:

- If you are or think you may be pregnant
- If you are breastfeeding/chest feeding
- If you or your child requires an interpreter – please inform us as soon as you receive your appointment letter and we will arrange an official interpreter to be present during your child's examination

Are there any special preparations required before the examination?

Before the micturating cystogram your child will need to have a urinary catheter placed.

This will be done on the children's ward before the examination. An appointment has been made for your child, and this is indicated on your child's appointment letter.

Please attend the ward at the time given on the appointment letter before coming to the X-ray department.

On the ward a small tube (the urinary catheter) will be passed into your child's bladder so the bladder can be filled with contrast agent during the X-ray examination. Once the catheter has been inserted and secured in place you will be shown to the X-ray department for the examination.

Can I bring a relative or friend with me?

Anyone can accompany you to the hospital, but they will usually not be allowed into the room during your child's examination.

Please note that we do not have childcare facilities; if you need to bring other children with you, please bring along an adult who can supervise them while the examination is being done.

What happens when I arrive at the X-ray department?

When you arrive at the X-ray department from the ward, please book your child in at the reception desk where you will be asked to have a seat in the waiting area.

You and your child will then be shown to the examination room where the radiographer will check some details with you about your child. The radiographer will complete a checklist with you to ensure it is safe for your child to have the contrast agent.

The radiographer will explain the examination and answer any questions you may have.

What happens during the examination?

During the examination we ask that you remain in the examination room to support your child.



If you are or may be pregnant, please ensure another adult accompanies you to the appointment who will be able to support your child during the examination on your behalf.

During the examination your child will be laid on their back on the X-ray table and their nappy will be removed so the radiographer can access the catheter. Through the catheter the radiographer will very gently introduce the contrast agent into your child's bladder.

As the radiographer does this your child's bladder will slowly begin to fill and eventually your child will get a sensation they need to pass urine. The radiographer will be watching this on a monitor linked to the X-ray machine and will take some X-rays with your child in different positions.

Once your child begins to pass urine the radiographer will stop introducing the contrast agent into your child's bladder.

When your child has fully emptied their bladder, the radiographer will then remove the catheter, and a final image will be taken.

What happens after the examination?

The images will be checked to ensure they provide all the information required. You will then be allowed to dress your child again and leave the X-ray department.

Are there any risks?

There are some small risks involved with X-rays but only the minimum amount of radiation is used to produce the images required. We use the smallest dose possible, in line with national regulations, to provide as much information as we can about your child. This allows the paediatrician to make an accurate diagnosis to help plan their treatment, therefore the benefits of having the X-ray far outweigh the radiation dose they will receive.

As you will be in the examination room during your child's micturating cystogram you will also receive a small dose of radiation; this will be further explained to you at the time of the examination.

When will I receive the examination results?

Your child's images will be reported after your visit. How you get the results depends on which paediatrician sent your child for the micturating cystogram. You will be advised when you attend about how to receive this information.

Contact details

Should you require further advice or information please contact Royal Preston Hospital X-ray Department on **01772 522096**.

Sources of further information

www.lancsteachinghospitals.nhs.uk

www.nhs.uk

www.accessable.co.uk

www.patient.co.uk

www.lancsteachinghospitals.nhs.uk/veteran-aware

<https://bepartofresearch.nihr.ac.uk/>

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www.lancsteachinghospitals.nhs.uk/patient-information-leaflets

Lancashire Teaching Hospitals is a smoke-free site. Smoking is not permitted anywhere on any of our premises, either inside or outside the buildings. Our staff will ask you about your smoking status when you come to hospital and will offer you support and advice about stopping smoking this will include Nicotine Replacement Therapy to help manage your symptoms of withdrawal and the opportunity to speak to a nurse or advisor from the specialist Tobacco and Alcohol Care Team.

If you want to stop smoking, you can also contact Smokefree Lancashire on Freephone **08081962638**.

Please ask a member of staff if you would like help in understanding this information.

This information can be made available in large print, audio, Braille and in other languages.

Our patient information group review our leaflets regularly, if you feel you would like to feedback on this information or join our reading group please contact on email address:

patientexperienceandinvolve@LTHTR.nhs.uk

Department: Radiology/Fluoroscopy

Division: Diagnostics and Clinical Support

Production date: August 2025

Review date: August 2028

JR 1332 v1