

Renogram and Micturating Cystogram (MCU)

Patient Information

Nuclear Medicine Department



Options available

If you'd like a large print, audio, Braille or a translated version of this leaflet then please call:

01253 955588

Our Four Values:

People Centred

Positive

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What is a renogram?

A renogram is a test of the function of your kidneys. You will be given an injection of a small amount of radioactivity that will go to your kidneys and then pass to your bladder. This enables us to see your kidneys on the camera and assess how well they are working. The injection will not make you feel any different. You will be lying on the scan table as we give you the injection and we will start taking pictures immediately for up to 40 minutes. You will need to keep very still during this time. If the scan is for your child then, depending on the age of your child, you may be asked to attend the children's ward for a cannula needle to be inserted ready for the test. Please check your appointment letter which will tell you where to attend for your appointment.

Once all of the radioactive tracer is in your bladder we will then need to do an additional scan called a micturating cystogram. This involves you sitting on a bed pan with your back against the camera and emptying your bladder whilst we take pictures. This will show if any of the radioactive tracer goes back up to your kidneys while you empty your bladder. If you have any queries, or are unable to keep this appointment, please telephone the department as soon as possible. This will enable us to offer this appointment to another patient on our waiting list. We are available Monday to Friday 9am to 5pm on **01253 953919**.

Do I need to prepare for the scan?

You will be able to eat and drink as normal on the day of your scan. Please make sure that you have several drinks before your appointment so that you are well hydrated. You can empty your bladder as normal.

There is no need to get undressed for the scan.

There is no need to stop any of your medication prior to your scan. The injection will not react with any medications.

Do I need to do anything special after the scan?

After your scan you will be able to eat and drink normally. Nearly all of the radioactive tracer will be out of your body by the end of the test. The rest will disappear naturally.

How will I get the results of my scan?

The results will be sent to the hospital consultant who referred you for the scan. Some doctors will write to you with the results of the scan and some will send you an appointment to come back to the outpatient clinic.

How safe is the injection?

The injection contains a small amount of radioactive tracer which emits gamma rays (these are similar to X-rays). We use the smallest dose possible to provide as much information as we can about your condition. The radiation dose is very low and is similar to the natural background radiation we all receive from the environment over a period of 12 weeks.

The results of your scan will give your doctor useful information about your condition and will help them plan your treatment. The benefits of having the scan far outweigh the small radiation dose you will receive.

Further guidance has been published by Public Health England.

Visit website -

<https://www.gov.uk/government/publications/ionising-radiation-from-medical-imaging-examinations-safety-advice>

Is there anything I should tell the staff before the injection?

If you are female please tell us if you are or may be pregnant.

If you are breast feeding please ring the department a few days before your appointment.

Additional Information

Directions to X-ray Central

X-ray Central is situated off the main hospital corridor and is signposted. Please follow the signs for X-Ray Central and report to reception on arrival.

Relatives and escorts

You may wish to bring a friend or relative to accompany you to and from the Radiology department when you have your examination, although they will not usually be allowed into the examination room. This may be useful if you do not speak English very well or if you have any special needs.

Car Park

Car parking is in the multistorey car park at the main entrance of the hospital. Car park charges apply at this hospital. Please bring change with you if you are planning to park on site.

Other facilities available

At the main entrance to the hospital there are shops and a cafe selling light meals and snacks. There is also a large restaurant for staff and visitors to use near the main entrance.

Useful contact details

Nuclear Medicine Radiology

Monday to Friday
9am to 5pm

Telephone: 01253 953919

Hospital Switchboard: 01253 300000

Patient Relations Department

The Patient Relations Department offer impartial advice and deal with any concerns or complaints the Trust receives. You can contact them via:

Tel: 01253 955589

email: patient.relations@bfwh.nhs.uk

You can also write to us at:

Patient Relations Department, Blackpool Victoria Hospital, Whinney Heys Road, Blackpool FY3 8NR

Further information is available on our website:

www.bfwh.nhs.uk

References

This leaflet is evidence based wherever the appropriate evidence is available, and represents an accumulation of expert opinion and professional interpretation.

Details of the references used in writing this leaflet are available on request from:

Policy Co-ordinator/Archivist 01253 953397