

Having a scan of your kidneys and bladder (Renogram with cystogram)

Department of Nuclear Medicine

Last reviewed: June 2025

Information for Patients

Next review: June 2028

Leaflet number: 857 Version: 4

What is a Renogram with cystogram?

This scan is also known as a renogram plus cystogram. It is a test to see how well your kidneys and bladder empty. It also checks if your pee (urine) is travelling from your bladder back up to your kidneys (reflux).

If you cannot attend your appointment please call 0116 258 5627. You must cancel at least 3 days before your appointment. This is so that we can offer your appointment to someone else.

You must tell us if you:

- are pregnant, think you may be pregnant, or have just missed a period.
- are breastfeeding. This is because radioactive substances can come out in breast milk. We may advise you to stop breastfeeding for a short time.
- have any pee control (incontinence) problems. This is because radioactive substances will be in your pee (urine). You may need special instructions because of this.
- have problems with your memory or learning difficulties.
- need an interpreter (please tell us at least 3 days before your appointment).
- have help with personal care (paid or unpaid). Your carer may need some safety instructions after you have had your dose of radiation.
- are arriving by ambulance please contact Department as soon as possible.

How do I prepare for the scan?

Please make sure you drink plenty of water before your appointment. You can eat and take your medication as normal.

**Health information and support is available at www.nhs.uk
or call 111 for non-emergency medical advice**

Visit www.leicestershospitals.nhs.uk for maps and information about visiting Leicester's Hospitals
To give feedback about this information sheet, contact InformationForPatients@uhl-tr.nhs.uk

What happens during the scan?

1. We will talk to you about the scan and you can ask us questions.
2. We will give you some water or squash to drink before the scan. You do not need to have a full bladder for this test. We will ask you to go to the toilet before the scan.
3. portable toilet (commode) or pee into a bottle. You will be behind a screen in the camera room when you do this.
4. We will weigh you to calculate the correct amount of medication to give you.
5. We will give you a small radioactive injection into a vein in your arm. This is no more painful than a blood test. You will need to lie still on the couch for this.
6. The scan will take about 30 minutes. You do not need to get undressed. You will not feel any ill effects from the injection.

After your scan we will need to take images of you having a pee. This means that you will need to use a

What happens after the scan?

You will be radioactive after you have had your injection until the next morning. To minimise any risk to you and your friends we ask you to:

- Drink plenty of extra fluids.
- Male patients should sit down to pee. Flush the toilet 2 times after use
- Wash your hands thoroughly each time you use the toilet.
- Do not spend more than 30 minutes with anyone who is, or maybe, pregnant, small children and babies.
- There is no problem in returning to work. Please ask staff for advice if you work with radiation or in the photographic industry.

Are there any risks?

It is very unlikely that you will have any side effects from the radioactive injection. There is a small risk linked with the radiation you get by having this scan.

Ionising radiation can cause cell damage that may, after many years or decades, turn cancerous. We are all at risk of getting cancer during our lifetime. The normal risk is that this will happen to about 50% of people at some point in their life.

The dose of radiation you will get from this test is very small. It is the same dose you would get from the environment in about 4 months. Having this test will add only a very small chance of this happening to you. In fact, the risks from missing a serious disorder by not having this test may be considerably greater.

How will I get my results?

A radiologist will look at your scans. The results will be passed on to your consultant. They will talk with you at your next outpatient appointment.



Can I bring someone with me?

Due to the nature of the test, friends and relatives will not be allowed into radiation areas. This is unless we need their help. Please do not bring children with you to your appointment. Radiation is more hazardous for children and pregnant women than for adults. Please do not bring them into the Nuclear Medicine Department unless they are coming for a scan.

If you need hospital transport, please see our website www.leicestershospitals.nhs.uk

Who can I call if I have questions?

For specific information about your test, please contact (answering machine checked during office hours):

Leicester Royal Infirmary: 0116 258 5627

Glenfield Hospital: 0116 258 3850

Leicester Radiopharmacy Service: 0116 258 5579

If you cannot attend please let us know as soon as possible. This is so we can offer your appointment to another patient. You may get a reminder by text message if we have your mobile phone number on our system. If you have a question about your medical condition please contact your GP or the doctor who made your referral.

Directions to Nuclear Medicine

- Leicester Royal Infirmary: Level - 0, Sandringham Building (between the multistorey carpark and Osborne building)
- Glenfield Hospital: The department is best reached via the east entrance, next to the breast care centre.

Useful websites

www.bnms.org.uk

www.radiologyinfo.org

www.patient.co.uk

<https://www.informed-scan.com/types-of-imaging/nuclear-medicine>

اگر آپ کو یہ معلومات کسی اور زبان میں درکار ہیں، تو براہ کرم مندرجہ ذیل نمبر پر ٹیلی فون کریں۔
على هذه المعلومات بلغة أخرى، الرجاء الاتصال على رقم الهاتف الذي يظهر في الأسفل

જો તમને અન્ય ભાષામાં આ માહિતી જોઈતી હોય, તો નીચે આપેલ નંબર પર કૃપા કરી ટેલિફોન કરો

ਜੇ ਤੁਸੀਂ ਇਹ ਜਾਣਕਾਰੀ ਕਿਸੇ ਹੋਰ ਭਾਸ਼ਾ ਵਿਚ ਚਾਹੁੰਦੇ ਹੋ, ਤਾਂ ਕਿਰਪਾ ਕਰਕੇ ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਨੰਬਰ 'ਤੇ ਟੈਲੀਫੋਨ ਕਰੋ।

Aby uzyskać informacje w innym języku, proszę zadzwonić pod podany niżej numer telefonu

If you would like this information in another language or format such as EasyRead or Braille, please telephone 0116 250 2959 or email equality@uhl-tr.nhs.uk