

Having a scan of your lungs

Nuclear Medicine

Information for Patients

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What is a relative lung scan?

This is a test that uses a small amount of radioactivity to get pictures of your lungs. These pictures are used to check how well each lung is working in relation to the other.

If you cannot attend your appointment please call 0116 258 3850

- **to rearrange at least 3 days before**
- **so that we can try to offer your appointment to someone else.**

You may get a reminder by text message if we have your mobile phone number on our system. Please make sure you respond to this.

Before your appointment, you must tell us if you are;

- pregnant, think you may be pregnant, or have just missed a period.
- breastfeeding. This is because radioactive substances can come out in breast milk and you may be advised to stop breastfeeding for a short time.
- having any **problems holding your pee** (incontinence) This is because radioactive substances will be present in your pee (urine) and you may need special instructions because of this.
- having problems with your memory or learning difficulties. We need to make sure you can follow all of the instructions for your test even after you get home.
- having help with personal care (paid or unpaid), as your carer may need some safety instructions after you have received your dose of radiation.
- in need of an interpreter (please tell us at least 3 days before your appointment).
- If you arriving by Ambulance please contact Department as soon as possible

**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

How do I prepare for the scan?

There is no special preparation needed for this scan, but it does help if you have had plenty to drink.

What happens during the scan?

- We will explain the procedure to you and you can ask any questions.
- You will be injected into a vein (normally in the arm, similar to a blood test) with a small amount of radiation .
- You will be asked to lie down on a couch, where a gamma camera will be used to take pictures of your lungs. We will place the camera close to your chest so that we can get good pictures.
- There is no need for you to undress for this scan, and the injection will not hurt you in any way.
- You will be fit to drive or use public transport after the test. The test will take about 30 minutes in total.

This drug is prepared from human serum albumin derived from human blood donations tested according to European Economic Community (EEC) Regulations.

What happens after the scan?

You will be radioactive after you have had your injection until the next morning. It is important that you:

- Drink plenty of extra fluids.
- Flush the toilet 2 times after use (men should sit down when going for a pee).
- Wash your hands thoroughly each time you use the toilet.
- You will not need to avoid close contact with any one as you have only been given a low dose of radiation.
- Returning to work is usually not a problem, but if you work in the photographic or radiation industries, please contact the staff for assistance.

Are there any risks?

- It is very unlikely that you will have any side effects from the radioactive injection. There is a small risk associated with the radiation you receive 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 developing 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 receive from this test is very small. It is the same dose you would receive from the environment over about 5 months. Having this test will therefore 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 much higher.

How will I get my results?

Your scan will be looked at by a radiologist and the results passed on to your consultant. They will be discussed with you at your next outpatient appointment.

Useful information

- You may wish to bring a relative or friend with you. Due to the type of scan, friends and relatives will not be allowed into the room during the procedure, unless we need their help.
- Please do not bring children with you to your appointment. Pregnant women and toddlers are at a greater risk to radiation than 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 <https://www.leicestershospitals.nhs.uk>, or call TASL on 0345 241 3012 at least 3 days before your appointment.

Getting to Nuclear Medicine

Leicester Royal Infirmary – Level 0, Sandringham Building (near Osborne Building).

Glenfield hospital – The department is best reached via the east entrance.

Further information

For specific information regarding 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 have a question about your medical condition please contact your GP or the doctor who made your referral.

Useful websites:

www.leicestershospitals.nhs.uk/aboutus/departments-services/imaging-services/nuclear-medicine/
www.informed-scan.com/

www.bnms.org.uk

www.radiologyinfo.org

www.patient.co.uk

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