



Information for
patients and
carers

Octreotide Scan

What is an Octreotide Scan?

This scan is used to detect certain types of tumours arising from the neuro – endocrine systems of the body.

The procedure involves an injection followed by a scan using a gamma camera similar to the one shown in the picture.



Please inform us before you attend:

- If you are, or think, you may be pregnant
- If you are breastfeeding
- If you weigh over 25 stones (158 Kilograms)
- If you have problems with mobility and/or need a hoist to transfer

Preparation for the Scan

The scan is performed over 3 days.

Preparation	
Day 1	No preparation required.
Day 2	You will need to follow a special diet prior to the images being taken on Day 2. This information will be given to you when you attend on Day 1.
Day 3	No preparation required.

You may continue to take any medication as normal throughout the test.

Can you bring a relative or friend with you?

A relative or friend may accompany you to the hospital but usually they will not be allowed into the room when you have your examination. Please note that we have limited seating and do not have child care facilities, therefore small children should not attend your appointment.

Your scan

Day 1

The procedure involves an injection followed by a scan later in the day. A radiographer will inject a small amount of radioactive tracer (in a liquid form) into a vein in your hand or arm.

We will acquire the first set of images 4 hours after your injection. This will take 30 minutes to complete.

While you are waiting you may leave the department and eat and drink as normal. You should drink extra fluids for the rest of the day.

This will help provide clearer images and reduce the radiation in your body. We will tell you how much to drink when you come for your injection. If you are on restricted fluids we will give you further advice.

You will be given a diet sheet that explains the special low residue diet that you will need to follow after the scan on day 1 until after the scan on day 2.

Day 2

On day 2 we will acquire a second set of images.

There are no further injections however the scan is longer, taking approximately 90 minutes.

Once the scan is complete, you may discontinue the low residue diet.

You should continue to drink extra fluids for the rest of the day to help reduce the radiation in your body.

Day 3

It is not always essential to return for images on Day 3.

The decision to invite you back will depend on the appearance of your previous scans.

If we do ask you to return the scan will be similar to day 1 and will take 30 minutes.

You should continue to drink extra fluids for the rest of the day to reduce the radiation in your body

Are there any side effects?

We do not expect any side effects from the injection.

Are there any risks?

All medical procedures and tests carry both risks and benefits. Your doctor has requested this scan as they feel the information that we will gain is a greater benefit than the risk from being exposed to radiation. Our injections contain a small amount of radioactivity that emits gamma rays (these are similar to x-rays). We use the smallest dose possible, in line with national regulations to provide as much information as we can about your condition.

The results of your scan will give your doctor useful information about your condition and will help to plan your treatment.

After the scan

After your scan you must continue to follow the advice about drinking that you were given after the injection. You are free to go home or go back to work.

Please avoid spending a long time in close contact with young children or pregnant women for the rest of the day. You should aim to spend no more than 15 minutes each hour cuddling or sitting next to them. It is also best if you do not share a bed with a child or a pregnant woman on the evening of your scan.

Travel abroad

Please inform the radiographer on arrival if you intend to travel abroad within 7 days of your scan. Radiation monitoring at security at airports or ports may detect some of the radiation you have received during your scan. We will give you a letter that will state what test you have had and this can be used when travelling.

Your results

The images will be reviewed after your visit. You will be advised when and how you will receive your results at this time. You will not receive any results on the day of the scan.

Contact details

Should you require further advice or information please contact Nuclear Medicine on 01772 522381.

Sources of further information

www.lancsteachinghospitals.nhs.uk

www.nhs.uk

www.patient.co.uk

www.accessable.co.uk

Further information about radiation can be found on the government webpage: Medical Radiation: uses, measurements and dose safety advice www.gov.uk/government/collections/medical-radiation-uses-dose-measurements-and-safety-advice

Lancashire Teaching Hospitals NHS Foundation Trust is not responsible for the content of external internet sites.

All our patient information leaflets are available on our website for patients to access and download:

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 including Nicotine Replacement Therapy to help manage your symptoms of withdrawal.

If you want to stop smoking you can also contact the Quit Squad Freephone 0800 328 6297.

Please ask if you would like help in understanding this information. This information can be made available in large print and in other languages.

Gujarati:

આ માહિતીને સમજવામાં સહાયતા જોઈતી હોય તો કૃપા કરીને પૂછો. આ માહિતી મોટા છપાણામાં અને અન્ય ભાષામાં ઉપલબ્ધ કરી શકાય છે.

Romanian:

Vă rugăm să întrebați dacă aveți nevoie de ajutor pentru înțelegerea acestor informații. Aceste informații pot fi puse la dispoziție în format mare și în alte limbi.”

Polish:

Poinformuj nas, jeśli potrzebna jest ci pomoc w zrozumieniu tych informacji. Informacje te można również udostępnić dużym drukiem oraz w innych językach

Punjabi:

ਜੇ ਤੁਸੀਂ ਇਹ ਜਾਣਕਾਰੀ ਸਮਝਣ ਵੱਲੋਂ ਮਦਦ ਲੈਣੀ ਚਾਹੋਗੇ ਤਾਂ ਕਰਿਪਾ ਕਰਕੇ ਇਸ ਬਾਰੇ ਪੁੱਛੋ। ਇਹ ਜਾਣਕਾਰੀ ਵੱਡੇ ਪ੍ਰਿੰਟ ਅਤੇ ਹੋਰਨਾਂ ਭਾਸ਼ਾਵਾਂ ਵੱਲੋਂ ਮੁਹੱਈਆ ਕੀਤੀ ਜਾ ਸਕਦੀ ਹੈ।

Urdu:

دو سر ی زبانوں اور ریڑی اگر آپ کو ہی معلومات سمجھنے کے لئے مدد کی ضرورت ہے تو ییچھپیا یں یبھابی دست ہو یسکت ہے برا ئے مہر یان پو ریچھدی۔ معلومات

Arabic:

مطبوعه بأحر فكبيرة و بلغات إذا كنت تريد مساعدة في فهم هذه المعلومات يرجى أن تطلب أخرى يمانن تو فسير هذه المعلومات

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