

Nuclear Medicine Somatostatin Receptor Scan (Tc)

Your doctor would like you to have a Nuclear Medicine scan and has arranged for you to visit our department. We would like your visit to be as pleasant as possible and hope this leaflet will answer some of the questions you may have. Should you have any questions regarding your appointment please contact us on one of the telephone numbers below between 9:00am and 5.00pm Monday- Friday.

0300 131 4797 or 0300 131 5853

WHAT IS A SOMATOSTATIN RECEPTOR SCAN?

A Somatostatin Receptor scan looks for certain types of cells by labelling them with a small amount of radioactivity. A Gamma Camera produces pictures of the where the radioactivity is absorbed within your body. The pictures will help your doctor understand your illness.

IS THE SCAN SAFE?

The amount of radiation you receive is as small as possible and is similar to other X-ray procedures. The radioactivity leaves the body very quickly and it will not make you feel sick or sleepy.

DO I NEED TO PREPARE FOR THE SCAN?

Please contact the department as soon as you receive this appointment to confirm you are able to attend as the injection is ordered specially for your test. Please let us know if you are prescribed any Somatostatin medications, these include **Lanreotide (Somatuline)**, **Octreotide Acetate (Sandostatin)** **Pasireotide (Signifor)** **Vapreotide (Sanvar)**. If possible you should follow a fluid only diet for 48 hours before your appointment. You may have soups, shakes and pureed foods. You should also take a mild laxative the day before your appointment and on the morning of your appointment. These can be purchased from all Pharmacies. You should wear loose fitting comfortable clothing.

IS THERE ANYTHING I SHOULD TELL THE STAFF BEFORE THE SCAN?

Women should tell us as soon as possible after receiving this appointment if they are pregnant, if they think they may be pregnant or if they are breast-feeding. Women between the ages of 12 and 60 will be asked to sign a form on the day of their test to confirm their pregnancy status. If there is any doubt then by law we have to perform a pregnancy test before we can do the test. If you are breastfeeding it will be necessary to stop for 24 hours after the scan injection. Please contact the department for more information.

WHAT IS INVOLVED?

Shortly after you arrive you will be given a small injection in a vein in your arm or hand. The injection is a radioactive tracer that is absorbed by Somatostatin receptor cells. We do not expect you to have any side effects to the injection. You will have 2 scans. The first scan will take place approximately 30min after the injection and will last about 1 hour. The scan is repeated 4 hours after the injection. You may leave the department between the 2 scans.

For the scans you will be asked to empty your bladder just before the scan begins and to remove any clothing containing metal and to empty your pockets. You will be asked to lie on your back on a bed. The camera is placed close to the part of your body being studied. Typically, the camera will slowly move from your head down to your toes after which we will do scans where the camera moves slowly around part of your body. In addition, during your second scan the camera will perform a CT scan to help further assess your condition. It is important you keep very still during your scans.

PRECAUTIONS AFTER THE INJECTION

After your injection you should avoid prolonged close contact with pregnant women and children for 24hours. Children and pregnant women should not accompany you to the department. You should also avoid blood tests and dental visits during this time. If you are planning to travel abroad within 7 days after your appointment, please inform the staff during your appointment.

WHAT CAN I DO BETWEEN THE SCANS?

You can leave the hospital or stay with us. Meals and snacks may be bought in the hospital. If possible, you should drink plenty of fluids and empty your bladder frequently.

WHAT CAN I DO AFTER THE SCANS?

You can go home or to work. You can drive a car and eat and drink normally.

WHAT HAPPENS TO THE RESULTS?

We cannot give you the results of your test. We will send a report to the doctor who asked for the scan as soon as possible.

CONSENT

Although you consent for this treatment, you may at any time after that withdraw such consent. Please discuss this with your medical team.

SOURCES OF INFORMATION

British Nuclear Medicine Society (BNMS), MHRA UK

IMPORTANT INFORMATION

The information in this leaflet is for guidance purposes only and is not provided to replace professional clinical advice from a qualified practitioner.

YOUR COMMENTS

We are always interested to hear your views about our leaflets. If you have any comments, please contact the Patient Experience Team – Tel: 0300 131 4731 or email: esh-tr.patientexperience@nhs.net

HAND HYGIENE

The Trust is committed to maintaining a clean, safe environment. Hand hygiene is very important in controlling infection. Alcohol gel is widely available for staff use and at the entrance of each clinical area for visitors to clean their hands before and after entering.

OTHER FORMATS

If you require any of the Trust leaflets in alternative formats, such as large print or alternative languages, please contact the Equality and Human Rights Department.

Tel: 0300 131 4434 Email: esh-tr.AccessibleInformation@nhs.net

After reading this information are there any questions you would like to ask? Please list below and ask a member of our team.

Reference

The following clinicians have been consulted and agreed this patient information:

Dr Emma Owens, Consultant Radiologist, ESHT, Dr David Sallomi, Consultant Radiologist, ESHT

The directorate group that have agreed this patient information leaflet:

Core Services

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Responsible clinician/author: Mr Christopher Salt, Nuclear Medicine Modality Manager

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