

Nuclear Medicine Tektrotyd Scan

Information for patients, relatives and carers

① For more information, please contact: **Radiology Department**,
Nuclear Medicine, York Hospital, Wigginton Road, York, YO31 8HE.
Telephone: 01904 725936 or e-mail: yhs-tr.ctconfirmations@nhs.net

About this leaflet

In this leaflet we tell you about the procedure known as a Nuclear Medicine Tektrotyd scan. We explain what is involved and what the risks are. The information in this leaflet does not replace informed discussion between you and your doctor but can act as a starting point for such a discussion.

What is a Tektrotyd scan?

A Tektrotyd scan is a nuclear medicine test which involves a small injection of a radioactive tracer. This shows certain types of neuroendocrine tumours in the body using a camera. Tektrotyd is the scientific name of the injection.

Are there any alternatives?

There may be alternative tests available. Your doctor has decided this test is the most appropriate for you. If you have any concerns, please discuss them with the doctor who referred you to us.

What preparation is needed for a Tektrotyd Scan?

Please telephone us on 01904 725936 as soon as possible to let us know if you can attend your appointment as this injection is made specially for you on the day.

Please inform us if you are having any octreotide injections (Lanreotide [Somatuline], Sandostatin or Somatostatin) as it may be necessary for you to stop taking this medication before the scan. We will need to discuss this with the doctor looking after you.

You can continue to take any other medication as normal.

On the day of the appointment, please try to leave all jewellery at home, as you will need to remove all metal for the scan. We suggest you wear loose-fitting, comfortable clothes. You will not usually need to change into a hospital gown.

What happens during the Tektrotyd scan?

When you arrive at the Nuclear Medicine department, a member of staff will explain the scan to you, and you will have an opportunity to ask questions.

You will receive a slightly radioactive injection into a vein in your arm. You can then leave until your scan time. You may eat and drink normally during this time.

Your scan will take place around four hours after the injection. For the scan you will lie on the scanner table and the scan will start with the camera very close to your head and slowly move down your body.

You will then have two scans where the camera moves around your body, followed by a CT scan which will be done with the same scanner. The CT scan uses x-rays to make a detailed 3D image which is then used to locate anything found on the Nuclear Medicine scan. These scans will take approximately an hour and a half in total.

Are there any risks or complications?

Nuclear Medicine procedures are very safe diagnostic imaging tests. Side effects from the injection are extremely rare and mild, for example a rash, itching and nausea or headache. They usually pass after 48 hours.

The amount of radioactivity involved is very small, and after 48 hours most of the radioactive tracer will have passed out of your body. There is radiation in the air and ground all around us called background radiation. This scan gives the equivalent of four years' background radiation.

This scan is not recommended for pregnant women. If you believe you are, or might be pregnant, or if you are breast/chest feeding, please let us know before your appointment.

Further guidance has been published by Public Health England, visit website Exposure to ionising radiation from medical imaging: safety advice - GOV.UK (www.gov.uk)

How will I get my scan results?

You will not be given the results on the day of your scan. A report will be sent to the doctor who asked us to do the scan. They will then let you know the results.

What if I have any other questions?

If you have any worries or questions about your scan after reading this leaflet, please feel free to telephone us on 01904 725936, or email yhs-tr.ctconfirmations@nhs.net and we will be happy to talk to you.

Tell us what you think of this leaflet

We hope that you found this leaflet helpful. If you would like to tell us what you think, please contact: yhs-tr.ctconfirmations@nhs.net

Patient Advice and Liaison Service (PALS)

PALS offers impartial advice and assistance to patients, their relatives, friends and carers. We can listen to feedback (positive or negative), answer questions and help resolve any concerns about Trust services.

PALS can be contacted on 01904 726262, or email yhs-tr.patientexperienceteam@nhs.net

An answer phone is available out of hours.

Teaching, training and research

Our Trust is committed to teaching, training and research to support the development of health and healthcare in our community. Healthcare students may observe consultations for this purpose. You can opt out if you do not want students to observe. We may also ask you if you would like to be involved in our research.

Leaflets in alternative languages or formats

If you would like this information in a different format, including braille or easy read, or translated into a different language, please speak to a member of staff in the ward or department providing your care.

Patient Information Leaflets can be accessed via the Trust's Patient Information Leaflet website: www.yorkhospitals.nhs.uk/your-visit/patient-information-leaflets/

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