

*Better
Together*

Patient information

Thyroid I131 Scan with Thyrogen Imaging Department

What is a Thyroid (I^{131}) scan with Thyrogen?

This is a scan of your neck, after an injection of a hormone called Thyrogen, to see whether you have any thyroid tissue remaining in your neck following your surgery.

What are the benefits of having a Thyroid (I^{131}) scan with Thyrogen?

You have been referred to a consultant in Nuclear Medicine for a thyroid (I^{131}) scan to see whether you would benefit from radioactive iodine treatment for your thyroid condition. This examination is important in the accurate diagnosis of your condition so that you can receive the correct treatment

What are the risks of this procedure?

People often worry about tests or treatments that involve the use of radioactive materials. We tend to forget that we are all exposed to background radiation every day.

Please remember that the amount of extra radiation from your test is small. The benefit to you of providing your doctor with useful information about your health far outweighs any risk related to this radiation.

Are there any alternative diagnostic tests available?

While there may be alternative diagnostic tests, your doctor has considered your particular case and has decided that this is the most appropriate test at this time.

What will happen if I decide not to have this test?

It is your decision whether or not to proceed with the scan. However if you do not your doctor may not be able to find out what is wrong and may not be able to plan the appropriate treatment for you.

Female patients

Where possible, we try to avoid using radioactive materials in patients who are, or may be pregnant. Therefore, please contact the department on Tel: 0151 706 4464 if you are:

- pregnant.
- breast-feeding.
- you think you could be pregnant.
- your appointment is more than ten days from the start of your last period.

If you are worried and have any questions, please speak to your doctor or a member of their team.

Getting ready for your Thyroid (I^{131}) scan with Thyrogen

Please remain on all your current medication.

Your Thyroid (I^{131}) scan with Thyrogen

Day one

You will receive an intramuscular injection of Thyrogen.

Day two

You will receive an intramuscular injection of Thyrogen

Day three

You will be asked to drink a radioactive liquid.

Day four

You will have a scan of your neck. You will lie on a bed and a special camera called a Gamma camera will be placed above your face. The scan will take about 30 minutes.

This scan should not make you feel unwell. Usually there are no ill effects from the injection. It will not make you sleepy nor will it prevent you from driving. It is rare for it to cause an allergic reaction, even in people who are susceptible to allergies.

After your scan

You should carry this letter with you if you are travelling through train stations, airports and seaports. These areas may have very sensitive radiation detectors in place that can detect extremely small quantities of radiation. It is just possible that, until the radioactivity from this test has completely left your body, you may trigger one of these detectors.

In the unlikely event that this occurs, there is no reason to be concerned. Customs officials who operate these types of detectors are experienced in understanding what the detector has picked up, and after asking you a few simple questions and conducting a brief non-intrusive examination with a hand held detector, will let you pass on your way as soon as possible.

Different countries have different procedures and some may wish to see your appointment letter as part of this process. If you are planning to travel in the next month it is recommended that you carry this letter with you.

Results

Once your results are available the doctor in Nuclear medicine will discuss them with you.

Cancellations

If you are unable to keep this appointment, please let us know as soon as possible and we will arrange another for you.

Facilities in the Department

We have a comfortable waiting room with T.V. and a ward with beds and reclining chairs for patients who need them. Lunch and refreshments will be provided for you at appropriate times.

The Gamma Camera

- This is a special camera, which allows us to take pictures of the radioactivity in your body. The camera will be linked to a computer to enable us to make measurements as well as take pictures.
- The camera may either be stationary or may move around you while the pictures are being taken. A member of staff will be in the camera room with you.
- Some of our tests do not require pictures to be taken.

Location

The Royal Liverpool University Hospital is situated on the edge of the city centre. Please come directly to the Department of Nuclear Medicine, which is situated on the ground floor and is clearly sign-posted from each entrance.

Transport

The Royal Liverpool Hospital is well served by public transport. Patients and visitors who are able to do so may wish to consider using public transport. For details of routes, services and times please contact the Merseytravel line on Tel: 0151 236 7676.

Parking for patients and visitors is available at the Q-park multi-storey car park. It is located almost opposite the main hospital entrance. The entrance by car is on Epworth Street off Erskine Street.

The car park is open 24 hours a day seven days a week.

Please take your ticket with you when you leave your car. Payment is made when you return to your car at the machines within the car park.

Your ticket is inserted into the exit barrier as you leave the car park. The car park is continually monitored by parking hosts and CCTV.

There are spaces for the disabled within the car park. If you need help, please speak with the parking hosts at the car park entrance.

If you normally require an ambulance when you attend hospital please contact the department as soon as possible.

Further Information

If you have any further questions, or require further information, please contact the Department of Nuclear Medicine

Tel: 0151 706 4464

Text phone number: 18001 0151 706 4464

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All Trust approved information is available on request in alternative formats, including other languages, easy read, large print, audio, Braille, moon and electronically.

يمكن توفير جميع المعلومات المتعلقة بالمرضى الموافق عليهم من قبل ائتمان المستشفى عند الطلب بصيغ أخرى، بما في ذلك لغات أخرى وبطرق تسهل قراءتها بالحروف الطباعة الكبيرة وبالصوت وبطريقة برايل للمكفوفين وبطريقة مون والكترونيا.

所有經信托基金批准的患者資訊均可以其它格式提供，包括其它語言、易讀閱讀軟件、大字

體、音頻、盲文、穆恩體 (Moon) 盲文和電子格式，敬請索取。

در صورت تمایل می‌توانید کلیه اطلاعات تصویب شده توسط اتحادیه در رابطه با بیماران را به اشکال مختلف در دسترس داشته باشید، از جمله به زبانهای دیگر، به زبان ساده، چاپ درشت، صوت، خط مخصوص گوران، مون و بصورت روی خطی موجود است.

زانیاری پیوندیدار بهو نمخوشانهی له‌لایمن تراستهوه پاسهند کراون، نهمگ داوا بکریت له فورماتمکانی تردا بریتی له زمانه‌کانی تر، نیز ی رید (هاسان خونندنه‌وه)، چاپی گموره، شریتی دهنگ، هیلای موون و نملیکترونیکی هیه.

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Dhammaan warbixinta bukaanleyda ee Ururka ee la oggol yahay waxaa marka la codsado lagu heli karaa nuskhado kale, sida luqado kale, akhris fudud, far waaweyn, dhegeysi, farta braille ee dadka indhaha la', Moon iyo nidaam eletaroonig ah.