

Glomerular Filtration Rate Test (^{99m}Tc DTPA)

Your doctor has asked us to carry out a Glomerular Filtration Rate Test on you.

Appointment details

Patient name:

Date of appointment:

Time of appointment:

Time of Injection:

Blood Sample Times:

Every effort will be made to keep to this time, but due to the nature of the investigations, delays can occur for which we apologise in advance.

If you are unable to keep your appointment, please inform us at least 48 hours in advance of your scan, as there may be a cancellation fee for any appointments missed. Please telephone 01483 442696, so an alternative appointment can be arranged for you.

What does the Glomerular Filtration Rate Test involve

This is a safe and effective test which measures the glomerular filtration rate of your kidneys. We will inject a small amount of radioactivity (^{99m}Tc DTPA) into a vein in your arm or the back of your hand and then take blood samples 2, 3, and 4 hours after the injection

Preparation required for the Glomerular Filtration Test

Prior to the test:

- Avoid a high protein meal the evening before.
- Refrain from drinks containing caffeine (tea, coffee, Coke, chocolate etc) after 10:00pm the evening before.
- Only have a light breakfast on the morning of the test.

On the day of the test:

- Drink approximately 1 cup of water every hour from the time of injection to the time of the last blood sample.
- Only have a light lunch.
- Avoid heavy physical exercise.
- Refrain from drinks containing caffeine (tea, coffee, Coke, chocolate etc)

Radiographic Contrast

- CT scan with contrast will affect the test and we would need to wait 8 days after this procedure to carry out the Glomerular Filtration test.



Mount Alvernia Hospital

Can I bring somebody with me?

Due to Covid'19 we ask you to not bring any relatives or friends with you, as we want less people coming to hospital. If in any case someone is accompanying you, please can they wait in car.

Also it is very important that you do not bring children or pregnant friends with you because GFR test uses radiation and children and pregnant women are particularly susceptible to radiation.

Special Warnings

You may feel some discomfort from the pinprick of the injection. Side effects from the injection are extremely rare.

A very small amount of radioactivity is injected into your body. The risk this involves is very small and your physician will not consider carrying out the investigation unless he believes that the risk is outweighed by the potential benefit of the study.

Further guidance has been published by Public Health England.

Visit website- <https://www.gov.uk/government/publications/ionising-radiation-from-medical-imaging-examinations-safety-advice>

Do I need to do anything after the scan?

You may eat and take your medication as normal. For the next 6 hours, the more fluid you drink and empty your bladder the better, as radioactivity is passed out in the urine

Further information is available should you require it.

Information for ladies

If you are pregnant or think you might be pregnant, we need to know before the injection of radioactivity.

In addition, if you are currently breastfeeding, again please inform the staff, as for certain procedures you may have to discontinue breast feeding for a certain period.

For further information please contact us at the Imaging Department on 01483 442696