Mount Alvernia Hospital
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RENOGRAM STUDY

Your doctor has asked us to carry out a Renogram study on you.

Appointment details

Patient name:

Date of appointment:

Time of appointment:

Injection time:

Scan time:

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

If you are unable to keep your appointment, please inform us at least 24 hours in advance of your scan, due to the high cost of the non-returnable Radio-isotope used ruing this scan there will be a cancellation cost of £300 if cancelled with less notice.

Please telephone 01483 442696, so an alternative appointment can be arranged for you.

What does the Renogram study involve?

The Renogram study involves dynamic renal imaging to study the function of the kidneys. It is a safe and simple test, which will help the physician make a diagnosis. It involves an injection of a small amount of radioactive tracer into a vein in your arm.

The radioactive tracer, when injected, circulates in the blood and temporarily collects in a particular organ of the body (in this case the kidneys). It is then detected from outside the body using a special camera, and a picture will be taken. This gives the physician valuable information about the structure and function of that organ.

As the tracer is injected, images of the kidneys are taken every 10 seconds for 30 - 45 minutes. A second injection of a diuretic may be given 3 minutes after the tracer injection, or in some cases this may be given 15 minutes after the radioactivity is injected.

Allow about up to 2 hours for your stay with us.

Preparation required for the Renogram Scan

You will need to drink at least 5 cups of water commencing about 2 hours before your appointment time to make sure the kidneys are well hydrated. You may empty your bladder throughout the day and you may also eat as normal. **A Renogram is contraindicated within 8 days of a CT scan with contrast or and IVU – please let us know.**

Can I bring somebody with me?

It is very important that you do not bring children or pregnant friends with you because the scan 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?

If you are having surgery in the afternoon of the day of the scan, please follow the advised fasting instructions. If your surgery is the day after the scan, you may eat, drink and take your medication as normal.

Also, it is advised that for 12 hours following the radiopharmaceutical injection, you should avoid prolonged close contact with pregnant women, babies and children.

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 in the Molecular Imaging unit on 01483 442696