



MAG3 Renogram

Department of Nuclear Medicine

What is a renogram?

A renogram is an examination which looks at the function of your kidneys. MAG3 is the chemical name of the radioactive substance we use to image the kidneys.

What will happen at my appointment?

Before attending for your appointment, you are required to drink plenty of fluid, to ensure you are well hydrated. It is not necessary to have a full bladder though, so empty your bladder as required.

Sometimes it is necessary to administer a diuretic before the scan. A diuretic is a drug that makes your kidneys work harder and maximises kidney function.

This means that you may feel that you need to empty your bladder more frequently.

The diuretic is given by an injection into a vein, normally in your arm or the back of your hand.

We then allow 15 minutes for this to start working before starting your scan. In this time you can use the toilet as required.

For your scan, you will be lying on the imaging couch with the gamma camera positioned below you.

A radioactive liquid (MAG3) will then be injected into a vein. This will not make you feel any different. The scan will be started immediately.

The scan takes about 25 minutes and it is important that you remain still for this time.

We will then ask you to go and empty your bladder and when you return we will take another image for one minute.

This is to demonstrate how well your bladder empties.

Sometimes it is necessary to take further images after 30 minutes, so please allow time when coming for your appointment.

What happens after my appointment?

The results from your scan will be sent to the referring consultant within 10 working days. You should contact your consultant after this time to get the results.

If you require further information about your test, please contact us on the numbers below.

Royal Sussex County Hospital Nuclear Medicine department
01273 696955 Ext. 64382

Princess Royal Hospital Nuclear Medicine department
01444 441881 Ext. 5403

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The information in this leaflet is for guidance purposes only and is in no way intended to replace professional clinical advice by a qualified practitioner.

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