

## Patient information

### **DMSA Renal Scan**

#### Nuclear Medicine Imaging Department

#### **What is a DMSA renal scan?**

This is a simple imaging procedure, which enables us to take pictures showing the blood flow to your kidneys.

#### **What are the benefits of a DMSA renal scan?**

This scan will give your doctor information to help them decide on your diagnosis and 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.

#### **What are the alternatives to having a DMSA renal scan?**

While there may be alternative diagnostic tests, your doctor has considered your 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?**

Your diagnosis and treatment may be delayed.

#### **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 4453 if you are:

- Pregnant.
- Breastfeeding.
- 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 DMSA renal scan**

There is no preparation for this test.

### **Your DMSA renal scan**

- You will be given an injection of radioactive liquid into a vein in your arm.
- Between two – four hours later you will be asked to sit in an imaging chair.
- A Gamma camera will take pictures of your kidneys.

This test will **not** make you feel unwell.

### **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

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.

### **Feedback**

Your feedback is important to us and helps us influence care in the future.

Following your discharge from hospital or attendance at your outpatient appointment you will receive a text asking if you would recommend our service to others. Please take the time to text back, you will not be charged for the text and can opt out at any point. Your co-operation is greatly appreciated.

### **Further information**

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

**Tel: 0151 706 4453**

**Textphone Number: 18001 0151 706 4453**

**Author: Nuclear Medicine Imaging Department**

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