

**If you have any questions or concerns, or if you cannot attend the appointment your child has been given, please call your nuclear medicine department immediately**

Your child's visit to the  
Nuclear Medicine Department  
for a combined kidney study  
Mag 3 and DMSA scans

.....  
**You will be asked to complete a consent form similar to this one and hand it to a member of staff on your appointment day.**

**This consent may only be signed by the person with parental responsibility.**

You will have further opportunities to ask questions on the day.

I agree to my child .....undergoing a Mag 3 and DMSA scan as described in our appointment letter and in this information leaflet. I understand that you cannot give me a guarantee that a particular person will perform the procedure. The person will, however, have appropriate experience.

I understand that the procedure will not involve sedation.

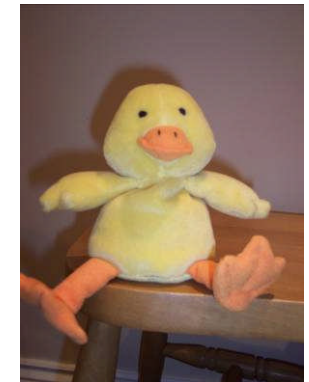
I have parental responsibility.

Signature.....Date.....

Name (Print).....Relationship to patient.....



Malcolm Monkey



Daisy Duck

**Nuclear Medicine**

Your doctor has requested that your child has 2 scans, a Mag 3 and DMSA in the Nuclear Medicine Department. This leaflet will answer some of your questions.

### **What is a scan?**

A radioactive tracer is given by an intravenous injection usually into the arm or back of the hand. During the first scan, the pictures are taken immediately after the injection for about 30 minutes. The second scan requires an injection of another radioactive tracer through the same line and pictures are taken around 3 hours later. The scans help with the diagnosis and treatment of your child. There are times when technically we cannot proceed with the second scan.

### **Does my child need to prepare for the scan?**

Please tell your child about the scan.

'Magic cream' is available to make the injection less painful. If you would like this for your child (and they are over 1 year old) you must attend 1 hour before the stated appointment time.

We would like him/her to drink more than usual and eat normally. (We understand that babies will only take what they want.)

### **What is involved?**

On arrival you will be shown into the waiting room where there are toys and books. We have the stories 'Malcolm Monkey has a Mag 3' and 'Daisy Duck has a DMSA' which we will discuss with your child.

We will ask your child to drink a couple of cups of fluid or if he/she is a baby we will ask you to give him/her a feed, either milk juice or water. We have water and squashes available but not baby feeds.

For babies the tracer is injected while laying on the camera. For older children we site a cannula (a small tube inserted into a vein) using a needle and then position your child on the camera.

Sometimes we need to see if the urine passes from the bladder back to the kidneys. To do this your child will be asked to pass urine whilst sitting /standing in front of the camera into a bedpan. This is done behind a screen.

### **What about the radiation?**

The amount of radiation your child receives is small and similar to that from an x-ray. It will not make your child sleepy or unwell. Pregnant mums should avoid spending long periods of time in close contact with the child for the remainder of the day.

### **When do we get the results?**

The results are sent directly to the doctor who requested the scan, usually within 2 weeks.

### **Do we need to do anything after the scan?**

You should encourage your child to drink more than usual for the rest of the day as this will help to wash the radioactivity out of his/her body.

You should encourage good hand hygiene after using the toilet and before eating food.

We recommend that your child does *not* return to school for the remainder of the day after the test.

If you are travelling on holiday in the next month please take your appointment letter and this information leaflet with you.

