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## Paediatric Micturating Cystourethrogram (MCUG) Imaging Department



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## Further Information

We endeavour to provide an excellent service at all times, but should you have any concerns please, in the first instance, raise these with the Matron, Senior Nurse or Manager on duty.

If they cannot resolve your concern, please contact our Patient Experience Team on 01932 723553 or email [asp-tr.patient.advice@nhs.net](mailto:asp-tr.patient.advice@nhs.net). If you remain concerned, the team can also advise upon how to make a formal complaint.

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## Where can I obtain more information?

The Royal College of Radiologists' web site contains useful general information about x-ray departments, equipment and radiation which may interest you.

<https://www.rcr.ac.uk/>

## Information for Parents and Guardians

### What is an MCUG?

A micturating cystourethrogram (MCUG) is a special x-ray examination of the bladder and the tube leading from the bladder which is called the urethra.

### What will happen?

In order to see the bladder on x-rays it must be filled with a special colourless dye. This involves placing a very small tube called a catheter into the bladder. The catheterisation will be carried out in the x-ray room by the Consultant Radiologist and the x-rays will be taken immediately afterwards. The catheter is removed while the bladder is emptying.

Although most parents are anxious about the catheterisation most babies hardly notice it. Local anaesthetic jelly and lubricant are used to ensure that the procedure is as painless as possible. Babies dislike being held still for the procedure, but this is essential. Please bring favourite toys, a dummy or bottle, if appropriate, for comfort and distraction.

## **Preparing for an MCUG**

You should expect to be in the x-ray department for up to 45 minutes.

It is desirable, but not essential, for two adults / guardians to come with the child undergoing the MCUG so that one can help to hold the patient still and the other can provide comfort and entertainment. We request that on this occasion, whenever possible, other siblings are not brought to the hospital, since we cannot assist in caring for them.

## **Antibiotic Cover**

Your child is probably on antibiotics once daily.

(If not on antibiotics at all please contact your GP)

On the day before the x-ray, you should either double the frequency of administration by giving an extra dose in the morning or evening or giving a single double dose.

Continue this higher dose on the day of the x-ray and for 2 days after the x-ray (4 days double dose in total).

After this return to a once daily prophylactic dose.

## **Are there any risks?**

### **Infection**

There is a very slight chance of introducing bladder infection during catheterisation and this is the reason for doubling the dose of antibiotic.

### **Radiation**

The radiation risk from this examination is small. The National Radiological Protection Board and Royal College of Radiologists advise that it is equivalent to between 1 and 4 years of the background radiation dose that we receive throughout our lives.

### **Results**

A radiologist will study all the pictures which have been taken and send a report to the Consultant Paediatrician who requested the MCUG. You will need to make an appointment to see this doctor to discuss the findings if you do not already have a follow-up appointment arranged.

### **Any Questions**

If you have any questions about this examination, please do not hesitate to contact us on 01932 723054.