



# **Children's X-Ray Micturating Cystogram (MCUG)**

## **A Guide for Parents/Guardians**



**THE ADELAIDE & MEATH HOSPITAL, DUBLIN**  
INCORPORATING THE NATIONAL CHILDRENS HOSPITAL

### **Statement of Values**

**Respect - Caring - Openness - Partnership -  
Teamwork Fairness & Equality**

## Who should accompany your child?

- Bring Two Adults with **ALL** Children aged five and under.
- Bring Two Adults with an anxious Child of any age.
- If Mum could be pregnant bring an extra adult.
- Do **NOT** bring anyone else who could be pregnant.
- Do **NOT** bring any other children with you.
- Phone **4143762** or **4143737** if you need to know more.



## What is a micturating cystogram (MCUG)

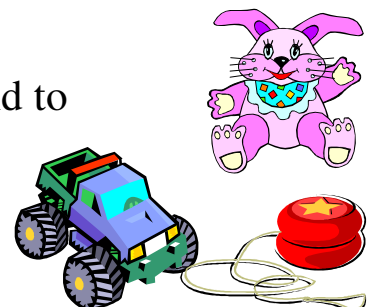
This test lets the Doctor's know how well your child's bladder is working and allows them to see if your child has any problems passing water so that they can help.

## Is there special preparations/requirements prior to having the test?

Children need to have the procedure explained to them by their parents according to their age and level of understanding.

Distraction and relaxation are vital so favoured toys, teddies, surprises or small treats are of an advantage.

A nightdress or t-shirt maybe brought along for the child to wear during the test.



## **When will I get the Results?**

1. A copy of the result will be sent to the referring doctor.

Parents should make an appointment to see the doctor at this time where the result will be explained to them.



## **What does the Procedure involve?**

1. Following registration in the children's X-Ray department the child is brought into the X-Ray Room where they are asked to lie on a bed. Here after cleaning with a special cool pink solution and cotton wool the nurse passes a fine soft tube (narrower than the lead in a pencil) into the child's urinary bladder. In boys, an anaesthetic gel is used to numb the penis prior to the insertion of the fine tube. A clean urine specimen is obtained and the tube is securely taped in position.

The child lies on a special couch underneath a camera . If the child's mother is pregnant she will not be permitted to stay in the room during the procedure. If mum is expecting, a family friend or relative is a satisfactory substitute.

2. At this point the Radiologist fills the bladder through the tube with a special dye to help them see whether there is any abnormality in bladder function. During this time the camera makes a clicking noise when taking pictures.

After the procedure is over the tube is gently removed. All children have a ultrasound scan of the abdomen after MCUG. This is a simple inoffensive test familiar to most mothers who have had scans in pregnancy and requires putting jelly on the child's tummy and rubbing a microphone like instrument over the child's tummy.

At no stage during the procedure, are needles necessary. If you wish to ask for further details please feel free to do so.

