

Parent Information for a Mag3 Scan

The doctor has suggested that your child has a Mag3 scan. The purpose of this scan is to see how well urine flows out of the kidneys and bladder. In older children it can also be used to see if there is reflux. You are able to stay with your child throughout the procedure, especially during the scan unless you are pregnant. This is because your child's urine will be mildly radioactive for one day.

The procedure

You and your child are requested to arrive on **The Peter Pan Wing at 8.30am**. The purpose of this is to allow for the paediatric nurse to take some details of your child and record their weight.

Children over the age of 1 year may have a local anaesthetic cream applied to the back of their hands. This takes a period of one hour to take effect. The anaesthetic cream is applied to numb the skin and allows relatively pain free insertion of the cannula (straw-like tube which goes through the skin and into a vein.) You will then be asked to take your child to the **Nuclear Medicine Department (Room 3)** within the **X-Ray Department**.

Your child is allowed to eat and drink throughout the day, providing that you have not discussed the possibility of sedation for your child prior to the scan. Babies under the age of 6 months or children over the age of 4 years are generally never sedated. It is extremely important that your child is well hydrated. **Please bring plenty of drinks for your child to consume prior to and during the scan.**

The Mag3 Scan

In the Nuclear Medicine Department your child will have a small amount of radioisotope injected through the cannula and the scan will start immediately. The scan takes a period of 30 minutes during which your child needs to lie reasonably still. If you are concerned that your child may not be able to remain still for this period of time then please contact the nurses on The Peter Pan Wing on 01895 279530.

The Mag3 Scan + Indirect Cystogram

If your child is requested by the doctor to have a Mag3 scan + Indirect Micturating Cystogram, then this will involve a short additional scan. Your child will be asked to sit on a specially adapted toilet. When your child empties their bladder the scanner will record if there is any reflux present.

If your child is not toilet trained there will be a continuation of the scan until your child empties their bladder into the nappy.

After the procedure

When the scan is complete, unless your child has been sedated, the cannula is removed and you and your child can go home. Children who have been sedated will return to The

Peter Pan Wing until they are completely awake, eating and drinking and steady on their feet. The radioisotope is passed through your child's urine. Please wash your hands thoroughly after changing your child's nappy. No special precautions are required.

Possibility of side effects

There are no side effects of the radioisotope but as it can take up to 24 hours to discard from the body, we would like you to encourage your child to drink more than usual after the scan.

Results of the scan

It is expected that your child will have a follow up appointment after the scan. If this has not been arranged then please inform the staff on The Peter Pan Wing on your attendance.

Who should I contact if I have a problem or question?

The Peter Pan Wing: 01895 279530
Nuclear Medicine: 01895 279368

Languages/ Alternative Formats

Please ask if you require this information in other languages, large print or audio format.
Please contact: 01895 279973

Fadlan waydii haddii aad warbixintan ku rabto luqad ama hab kale. Fadlan la xidhiidh 01895 279 973

ਜੇ ਤੁਹਾਨੂੰ ਇਹ ਜਾਣਕਾਰੀ ਕਿਸੇ ਹੋਰ ਭਾਸ਼ਾ ਜਾਂ ਰੂਪ ਵਿੱਚ ਚਾਹੀਦੀ ਹੈ ਤਾਂ ਕ੍ਰਿਪਾ ਕਰਕੇ ਪਤਾ ਕਰਨ ਲਈ 01895 279973 ਤੇ ਸੰਪਰਕ ਕਰੋ

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رابطہ کرو

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Jeżeli chciałbyś uzyskać te informacje w innym języku, w dużej czcionce lub w formie audio, poproś pracownika oddziału o kontakt z biurem informacji pacjenta (patient information) pod numerem telefonu: 01895 279973.

如果你需要這些資料的其他語言版本、大字体、或音頻格式，請致電01895 279 973 查詢。

إذا كنت تود الحصول على هذه المعلومات بلغة أخرى، بالأحرف الكبيرة أو بشكل شريط صوتي، يرجى الاتصال بالرقم التالي 01895279973 .