

Parent Information for GFR/EDTA Test

The doctor has suggested that your child has a GFR or an EDTA test. The purpose of this test is to determine how your child's kidneys are functioning. You are able to stay with your child throughout the procedure, 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 WENDY WARD AT 8.30 am. The purpose of this is to allow for the paediatric nurse to take some details of your child and record their weight and height.

Children over the age of one year will 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 and continue to take any prescribed medicine. It is extremely important that your child is well hydrated.

The GFR/EDTA Test

In the Nuclear Medicine Department your child will have a small amount of radioisotope injected through the cannula. Blood samples will then be taken at an interval of two and three hours after the injection. You and your child are free to leave the department between the time of the injection and the taking of blood samples.

The blood samples are taken to determine how fast the radioactive substance is removed from the bloodstream, by the kidneys. The blood samples are measured in a counting device linked to a computer. The data obtained is then entered into a computer programme that calculates the Glomerular Filtration Rate (GFR) of the kidneys.

After the procedure

When the test is complete the cannula is removed and you and your child can go home. 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 has a follow up appointment prior to the scan. If this has not been arranged then please inform the staff on Wendy Ward on your attendance.

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

Wendy Ward 01895 279530

Nuclear Medicine Dept 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

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ਕਰਕੇ ਪਤਾ ਕਰਨ ਲਈ 01895 279973 ਤੇ ਸੰਪਰਕ ਕਰੋ

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Jeżeli chciałbyś uzyskać te informacje w innym języku, w dużej czcionce lub w formacie 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 .