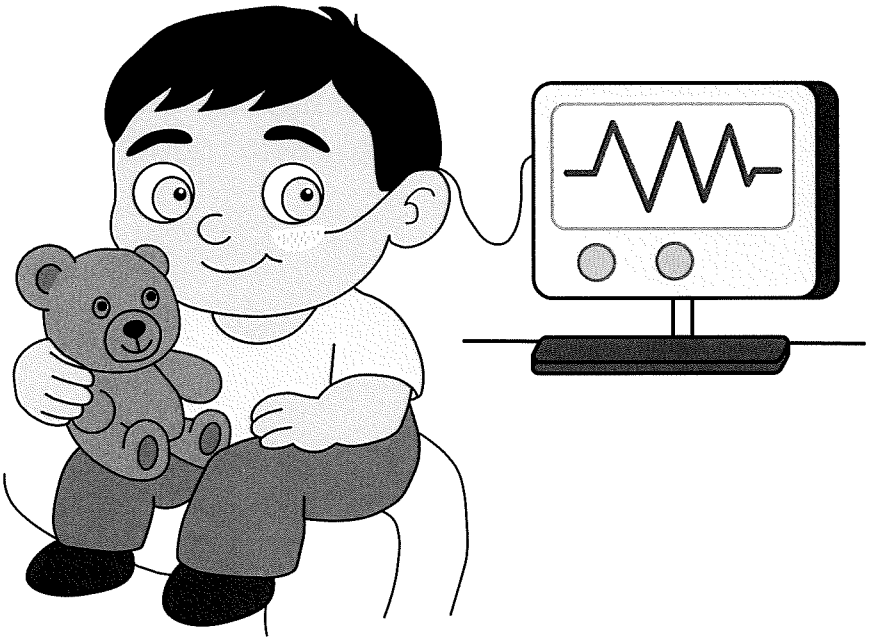
NHS
Greater Glasgow and Clyde

My child's Neurophysiology appointment at the Royal Hospital for Children, Glasgow

About this appointment

Your child's Neurophysiology appointment is for some specialised eye tests. The tests have been requested by your child's eye doctor or sometimes by their neurologist or paediatrician.

The appointment usually lasts about half an hour.



Which tests might my child have?

Depending on what your child's doctor has requested, we will do one or more of these tests:

- **Visual evoked potential (VEP)** - this test checks how well the optic nerve and the visual pathways in the brain respond to light and patterns
- **Electroretinogram (ERG)** - this test checks how well the retina (the light sensitive layer at the back of the eye) responds to light
- **Electrooculogram (EOG)** – this is a test that checks how well the retina and supporting cells are working

Will it hurt? Are eye drops needed?

Nothing is painful or touches their eye. Your child does not need to have eye drops. Your child will need to tolerate small, soft sensors being placed on their skin. We don't use sensors called "DTLs" which touch the eye itself. We will show your child small flashes of light and checkerboard patterns on a TV screen. All our tests can be adapted to suit the age of your child.

What should we bring?

Please bring only what your child or baby needs routinely, for example their milk or their dummy. Please bring their glasses if they have them, even if they don't like wearing them.

Who can come into the test room?

We find we sometimes get better results if only one adult is in the test room with your child. It's fine to have additional adults if they need to provide support, for example an interpreter.

Test results

Your child's test results will not be available on the day. The recordings will be analysed and a report will be sent to the doctor who requested the tests for your child. This usually takes about one week.

If you require this information in an accessible format, such as large print or braille or in a community language, please use the contact details on your patient information leaflet or letter.

NHS Greater Glasgow and Clyde

إذا كنتم تحتاجون إلى هذه المعلومات في تنسيق يسهل الاطلاع عليه، كأن تُطبع بأحرف كبيرة أو تُكتب بطريقة بريل أو تُترجم إلى إحدى اللغات المحلية، يُرجى استخدام بيانات الاتصال المذكورة في نشرة المعلومات المريض أو الخطاب المُرسل لكم.

如果您需要便于使用的信息版本，例如大号字体版本或盲文版或社区语言版本，请使用您的患者信息单或信函上的联系信息索取相应版本。

اگر این اطلاعات را در قالبی مناسب‌تر همچون چاپ درشت یا خط بریل یا زبانی خاص نیاز دارید، لطفاً با استفاده از اطلاعات تماس درج شده بر روی بروشور یا نامه بیمار خود، با ما تماس بگیرید.

Aby uzyskać te informacje w przystępnym formacie, np. w druku powiększonym, alfabecie Braille'a lub w języku wspólnoty, prosimy o kontakt pod adresem podanym w liście lub na ulotce informacyjnej dla pacjenta.

Dacă aveți nevoie de aceste informații într-un format accesibil, cum ar fi caractere mărite, scriere braille sau într-o limbă comunitară, vă rugăm să utilizați datele de contact din scrisoarea sau prospectul informativ pentru pacient.

اگر آپ کو یہ معلومات کسی قابل رسائی فارمیٹ، جیسے بڑے حروف یا بریل یا کسی کمیونٹی زبان میں درکار ہے، تو براہ کرم آپ اپنے مریض سے متعلق معلوماتی پرچے یا خط پر دی گئی رابطے کی تفصیلات استعمال کریں۔

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