

My brain scan

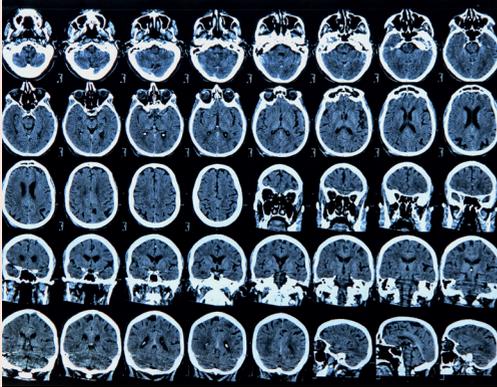


What to expect when you come for a language brain scan

Information for children and young people

What will happen on the day?

You are going to have a language brain scan! This means you will lie inside a scanner and play word games. This will let the doctors see the part of the brain you use for listening and speaking.



Before your scan you will meet someone from the Neuropsychology team. You will practise playing the word games, and be able to go in a pretend scanner to get used to the sounds.

While you wait you can choose a DVD to watch for part of the time you are in the scanner.

There is a big magnet in the scanner, so we will check that you are not wearing any metal.

Finally, you are ready for the scan!



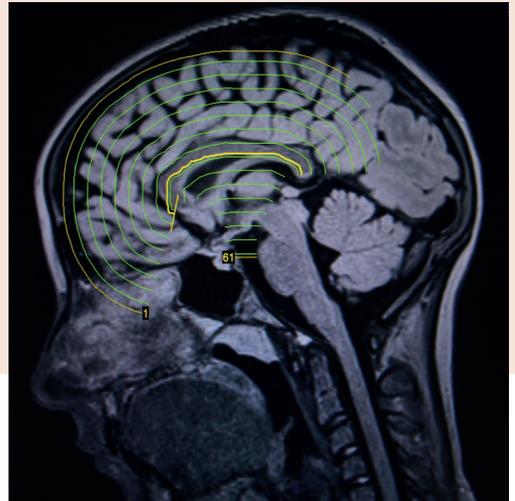
Your brain scan

The brain scanner looks like a doughnut.

It is open at both ends.

You lie in the middle bit.

The brain scanner is a large camera, which takes photos of your brain.



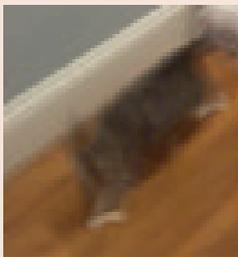


It is very important that you speak softly and keep as still as possible. If you move the pictures will be fuzzy and we will have to do the scan again.

Look at these examples...



This cat is very still and this photo is very clear



This cat is moving and the photo is very fuzzy

The word games

There are **three** games that you will play in the scanner:

1. Saying a doing word (*verb*)

You will hear a word, then you **say** a doing word (a verb) that would go with it. For example...

If they said **“flower”**, you could say **“smelling”** or if they said **“lunch”** you could say **“eating”**.

2. Thinking of doing word (*verb*)

You will hear a word, then you **think** of a doing word in your head, **do not say it out loud**.

- The doctors can see from the scan when you are thinking of words. So keep playing the game.
- There are no right or wrong answers, just say any doing word that might go with the word you hear.

3. Listening to a story

The radiographers will read you a story. Listen carefully as you will then have a quiz about what you can remember from the story. Then you will be finished and able to go home!

How to prepare

- Practise the word games and speaking softly (like a whisper). This is important to help you keep your head still and make sure the photos are really clear.
- If you have a favourite DVD bring this with you as you can watch it in the scanner!
- To get an idea of what the scan will be like you can watch videos of them here: www.youtube.com/watchv=IMpfW8KtoE8 or www.youtube.com/watch?v=oYDaPHf4ESQ

**If you have any questions
or worries about the scan
please call the
Clinical Neuropsychology on
020 7405 9200 ext 0146.
Looking forward to meeting you!**

© GOSH NHS Foundation Trust
June 2016

Ref: 2016C0216

Compiled by the MRI
department in collaboration
with the Child and Family
Information Group

Great Ormond Street Hospital
for Children NHS Foundation Trust,
Great Ormond Street,
London WC1N 3JH
Tel: 020 7405 9200

www.gosh.nhs.uk

Information for children and young people