

Information about an Ambulatory EEG Recording

What is an Ambulatory Recording?

This is a test which monitors brain wave patterns over a period of time. Your child will go home in between the application and removal of electrodes

What does the Ambulatory EEG Recording involve?

We attach small discs, using collodion adhesive, to your child's scalp to record the brain wave patterns. We also attach two discs to your child's chest to record their heart rate. The discs are attached to a box which we place around the waist using a belt or we may use a backpack. This process can take up to 30 minutes.

We will discuss with you how long the recording will last. This may vary from one day to four days. You will need to bring your child to the department each day during the test to replace batteries and check electrodes.

We will ask you to complete a diary during the recording. We will show you how to complete this.

Before the test

Hair styling products can affect the recording, please do not use gel or mousse in your child's hair before the EEG. If you think your child has head lice, please contact the department beforehand as recording may not be possible if head lice are still present.

If your child takes any medication they should take this as usual, unless the doctor tells you not to.

After the test

After the recording, we will use adhesive remover and a comb to remove the discs from the scalp. This can take 15-20 minutes.