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Information about Video Telemetry

What is Video Telemetry?

We use video telemetry to monitor brain waves over a period of time. As part of this process we take a digital audio and video recording. We will discuss with you how long the recording will last – usually up to 5 days.

What does this 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. This process can take about 30 minutes. After we attach the electrodes we will admit your child to the ward.

As we record your child, **we will need you to complete a consent form** (a copy is enclosed).

Before the test

Hair styling products can affect the recording, please do not use gel or mousse in your child's hair before the test. If you think your child has been infected with 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 as usual, unless the doctor tells you not to. If possible please bring dark pyjamas (but this is not essential).

During the test

We will ask you to complete a diary and will show you how to do this.

After the test

After the recording, we will use adhesive remover and a comb to remove the discs and glue from the scalp.

Please note: Due to unforeseen circumstances beds may have to be cancelled at short notice.

PLEASE NOTE – A PARENT OR GUARDIAN MUST STAY WITH THE PATIENT AT ALL TIMES FOR THE DURATION OF THE VIDEOTELEMETRY