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## **Auditory Evoked Potentials (AEPs)**

This leaflet is designed to give you some information about the investigation for which you have been referred. Your doctor may have already explained what an AEP involves, but you will probably still have some questions.

**If after reading this leaflet you have any fears, queries or concerns, please do not hesitate to contact our staff before your appointment. You will also have the opportunity to discuss any of these issues on the day of the appointment prior to the start of the investigation.**

### **WHAT IS AN AEP?**

An AEP is a routine investigation performed on all age groups of patients, from babies to the elderly. It records the electrical response of the brain to auditory stimuli. The responses are detected using small disposable discs that are loosely attached to the scalp. These investigations are usually carried out to diagnose disorders of hearing or the brain.

### **ON THE DAY OF THE INVESTIGATION**

Please be on time and report to the reception. If you usually wear hearing aids you will need to bring them with you,

You will then be comfortably seated in an armchair and a headset will be applied. You will hear noise and clicking sounds. It is very important that you try to relax when you hear these sounds.

### **AFTER THE INVESTIGATION**

When the investigation is complete, the discs are removed. AEPs do not have any persistent side effects. You will be able to return to your normal activities immediately after the investigation although there may be some small amount of paste left in your hair, which will wash away with shampoo.

### **RESULTS OF THE INVESTIGATION**