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Evoked Potentials

Evoked Potentials, sometimes called Evoked Responses, are tests that record the brain's response to sound, touch, or light. These tests help to evaluate a number of neurological conditions.

How to Prepare (NO CHILDREN PLEASE)

Please arrive on time. If you are more than 10 minutes late you will be rescheduled.

*The evening before or morning of your appointment, wash and dry your hair, but do not apply any spray, oil, mousse, or cream.

*Please do not wear perfume or apply lotions or oils to your skin.

*If you have contact lenses, glasses, or a hearing aid, please wear them for this test.

*You may eat and drink as usual and remain active right up until the time of your appointment.

What to Expect

For each of these tests, a Technologist will use a toothpaste-like gel to position and apply small electrodes to your scalp, in some cases, on your earlobes, neck, shoulders, and back. The electrodes will be attached to equipment that records your brain's responses to certain stimuli. Each test takes approximately 45 to 60 minutes to perform and is painless, safe and performed with little to no discomfort.

Brainstem Auditory Evoked Potential (BAER)

Brainstem Auditory Evoked Potential Check the pathway from the ear to the brain. The BAER test may help uncover the cause of hearing and balance problems, and other symptoms.

BAER Scheduled on: (DATE) _____ @ (TIME) _____

Somatosensory Evoked Potential (SSEP)

Somatosensory Evoked Potential (SSEP) Check the pathway from the nerves in the limbs to the brain. It is a way to study the function of the nerves, the spinal cord and brain.

SSEP Scheduled on: (DATE) _____ @ (TIME) _____

Visual Evoked Potential (VEP)

Visual Evoked Potentials (VEP) Check the pathway from the eyes to the brain. It may help to find the cause of certain vision problems and other conditions.

VEP Scheduled on: (DATE) _____ @ (TIME) _____

Aftercare

You may resume your normal activities immediately after testing. You must schedule a follow up appointment for these results. Results are usually available in one week.

PLEASE ARRIVE 15 MINUTES PRIOR TO YOUR APPOINTMENT TIME.