

Visual Electrophysiology Unit (VEU) Services Electrooculogram (EOG)

Time: 1.5 h
Eye-Drops: Yes 

Please Bring:

- Your eye glasses or prescription
- Sunglasses or hat
- Your health card

During Test:

- No contact lenses
- No cellphones or electronics

Purpose:

The EOG is used to track changes in the eye over time

Procedure:

Pre-EOG (40 minutes)

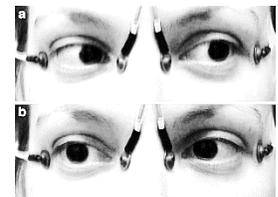
1. History, eye exam, and colour vision testing
2. 3+ drops for each eye, to open the pupils
3. 20 min wait before being moved to the testing-room

EOG Setup (5 minutes)

4. An electrode is taped to the center of the forehead and at the corner of the patient's eyes with some gel, after cleaning with cream

EOG Testing (35 minutes) – In the Dark

1. The patient must look into a bowl with their head straight for the test
2. Every 50 seconds, the patient must moving their eyes left/right to follow two switching lights (with a sound) for 10 seconds
 - a. To practice, this 2 times with a light on in the bowl
 - b. For the first half of the test, this is done 16 times in the dark
 - c. For the last half, this is done 16 times with the light on in the bowl
3. When finished, the gel is cleaned and the patient can leave



Left/Right eye-movements



Testing bowl

Note:

- The eye-movements are important for this test. The head must be kept straight and only eyes should be moved
- 1 person can keep the patient company during the test
- No driving after being given eye drops
- If there is more than 1 test booked in VEU, they will be done together
- Test results take time and will be sent to the referring physician in 3-6 weeks

Cancel/
Reschedule:

48 H
notice