Visual Electrophysiology Unit (VEU) Services

Full-field Stimulus Threshold (FST)

**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 FST is used to measure how sensitive you are to blue, red, and white flashes after being super-adjusted to the dark.

**Procedure:**

**Pre-FST (20 minutes)**

1. History, eye exam, and colour vision testing
2. 3+ drops for each eye, to open the pupils

**FST Setup (45 minutes) – In the Dark**

1. The patient is moved to the testing room and must sit in the dark for 45 minutes, with both eyes covered by eyepatches
3. The patient is given a button-box with 2 buttons, to use during the test.
   - One button must be pressed every time there is a sound (beep).
   - Press the right button for “Yes” - if you see a flash
   - Press the left button for “No” - if you do not see a flash

**FST Testing (10 minutes) – In the Dark**

1. Each eye is tested separately. The eye not being tested has to stay covered with patches
2. The patient must look into a bowl during the test, with their hand on the box
3. 3 Colours are tested: 1. Blue, 2. Red, and 3. White
   - The patient must press ‘yes’ or ‘no’ to every flash until the test ends
   - Each colour is tested 2+ times
4. After both eyes are tested, the gel is cleaned and the patient can leave

**Note:**
- 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