

## 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).
  - a. Press the right button for “Yes” - if you *see* a flash
  - b. Press the left button for “No” - if you *do not see* a flash



Button Box

#### 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
  - a. The patient must press ‘yes’ or ‘no’ to every flash until the test ends
  - b. Each colour is tested 2+ times
4. After both eyes are tested, the gel is cleaned and the patient can leave



Testing bowl

### 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

Cancel/  
Reschedule:

**48 H**  
notice