

Electroencephalography (EEG) & Evoked Potentials Clinic

RAH Campus

Phone: (08) 7074 0920

Fax: (08) 7074 6240

Technicians

- Jennifer Le Mottee
- Amanda Shepherd

Reporting Neurologists

- Dr Michelle Kiley
- Dr Christopher Kneebone
- Dr Martin Robinson
- Dr Sharavanan Parasivam
- Professor Tim Kleinig
- A/ Prof Thomas Kimber
- Dr Craig Kurunawai

TQEH Campus

Phone: (08) 8222 6239

Fax: (08) 8222 6093

Technician

- Joanna Prizkowski

Reporting Neurologists

- Dr Martin Robinson
- A/Prof Jim Jannes
- Dr Jessica Hafner
- Dr Roula Ghaoui
- Dr Craig Kurunawai

Indications for EEG Testing

Not all patients meeting these criteria require an EEG; however referrals meeting these criteria will generally be accepted.

1. Evaluation following first presentation of seizure
2. Evaluation of spells of altered consciousness highly suspicious of seizures
3. To enable epilepsy classification in patients with recurrent seizures/epilepsy
4. Consideration of drug withdrawal in known idiopathic/genetic generalised epilepsy
5. Diagnosis and management of convulsive and non-convulsive status epilepticus
6. Acute onset confusion/altered consciousness/delirium of unknown aetiology
7. First presentation psychosis
8. Prognostication following cardiac/respiratory arrest
9. Evaluation of rapidly progressive dementing illness where Creutzfeldt-Jakob disease is suspected

Repeat routine, sleep-deprived and prolonged EEGs are only available when requested by a neurologist.

The following conditions are **not** an indication for EEG and referrals for these indications will be rejected unless requested by a neurologist:

1. Uncomplicated syncope
2. Recurrent psychosis
3. Consideration of drug withdrawal in known focal epilepsy (including post-traumatic epilepsy)
4. Recurrent falls
5. Recurrent seizures in patients with known epilepsy
6. Evaluation following a seizure related to drug intoxication or withdrawal (including alcohol)
7. Recurrent headache

Evoked Potentials

Available tests include:

- Visual evoked potentials
- Brainstem auditory evoked potentials
- Somatosensory evoked potentials

These tests are generally used in the setting of neurological disease or symptoms on the advice of a neurologist or ophthalmologist. Referrals from other specialities will only be accepted after discussion with a neurologist.