### Electroencephalography (EEG) & Evoked Potentials Clinic

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### 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/alteration in 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.