

Giving Access

Close to a quarter of a million people in Australia live with epilepsy. The associated costs are estimated to be ~\$12.3* billion a year.

Current care is characterised by uncertainty and few patients have access to Australia's world leading expertise and solutions, which are currently locked in research and a few specialist centres.

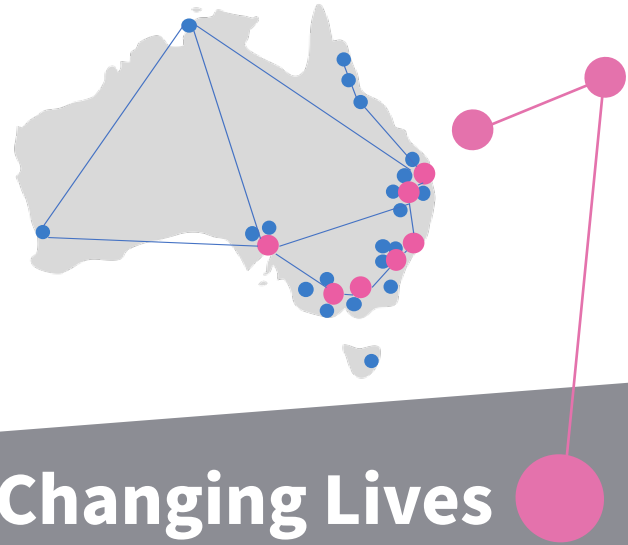
The **Australian Epilepsy Project (AEP)** is a multi-year study and platform business model for brain health and research translation.

A national network of specialist hubs will give access to world leading testing, and together with integrated and predictive analysis across advanced imaging, genetics and cognition, the AEP will help to transform the diagnosis and treatment of epilepsy for thousands for Australians.



AUSTRALIAN EPILEPSY PROJECT

changing lives | supercharging medtech



Changing Lives

Amanda's Story

I started having seizures at the age of 23. My seizures got worse, at times occurring daily. I once received third-degree burns from a seizure while cooking. By age 30, I felt completely isolated.

I spent seven years on medication that didn't work. I'll never get that time back.

I eventually found my way to advanced MRI testing, like what is being offered as part of the AEP, where it was discovered I had scar tissue on my right temporal lobe caused by encephalitis as a baby.

I finally had a precise diagnosis, and I could act.

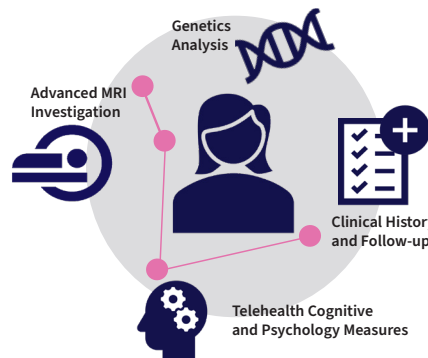
Twelve years after surgery I have regained my quality of life and I'm now a Lived Experience Ambassador and Participant Lead at the AEP.



The AEP provides benefit to Australians living with epilepsy from Day 1.

The AEP Report provides decision support for referring neurologists, by presenting the key findings and interpretations from the integrated testing across advanced imaging, neuropsychology and genetics.

Each AEP report contributes to important research and precision medicine which will enable diagnosis reporting and care pathways to evolve and become more personalised over time.



“MRI staff were fantastic, they made me feel comfortable. The neuropsychology testing from the comfort of my own home was excellent.”

AEP Study Participant

Supercharging MedTech

*Deloitte, The economic burden of epilepsy in Australia 2019-20

Victoria and South Australia are open for referrals. Queensland will soon be open for referrals with New South Wales to follow.

Neurologists can register their interest to refer patients via the barcode.



“ I was very impressed with the staff in MRI, and I enjoyed doing the cognitive testing from home. I would, without a doubt, recommend this project 10/10. ”

AEP Study Participant

Participant Eligibility

Referrals to the AEP must be made through your treating **neurologist**, with participants meeting one of three clinical categories as part of the inclusion criteria:

1. **First Unprovoked Seizure (within last six months)**
(definite or probable) with no diagnosis of Epilepsy
2. **New Diagnosis of Epilepsy**
(generalised or focal)
3. **Pharmacoresistant Focal Epilepsy**

- Aged 18yrs - 65yrs old
- Capacity to consent
- Be able to safely undergo MRI scanning
- Have no history of developmental or epileptic encephalopathy (DEE)
- Current Medicare number
- Can participate in follow-up phone calls and surveys over a 24-month period

Cost Commitment for Participants:

There are no costs associated with participating in the AEP Study, nor will participants be paid. Reimbursement is available for costs incurred including: reasonable travel costs, and parking (if not provided).

Time Commitment for Participants:



Medical History Interview
~20 mins



Online Surveys
~30 mins



Telehealth Cognitive Testing
~120 mins



Advanced Imaging Scan
~90 mins



Saliva sample
~10 mins



Follow-up at 6, 12 + 24 mths
~30 mins