



★ Trustpilot

# Seizure investigation for children

Keep your child as happy as possible with a comfortable monitoring period at home.



seer medical

## What is a seizure?

A seizure is a disturbance in the electrical activity of the brain. It's a temporary experience that can result in uncontrollable changes in movement, awareness, behaviour, or feelings.

Seizures can be caused by head trauma, infection, congenital conditions, genetic factors, and other reasons. Epilepsy is the term that describes having more than one (1) unprovoked seizure.

Not all seizures are epilepsy and not all events are seizures. It's important to undergo diagnostic testing so that your child's doctor can determine what is causing their events.

## What is an EEG?

An electroencephalogram (EEG) is a test that records brain activity through electrodes attached to the scalp.

EEG recordings are used to identify changes in brain activity.

These changes in brain activity are often useful in diagnosing brain disorders, especially epilepsy or other seizure disorders. However, on its own, an EEG may not be enough to determine the cause of events.

If a doctor has recommended EEG to address any of the following, then Seer Medical's service may be right for your child:

- Fainting spells,
- Blackouts or blank stares,
- Jerking movements,
- Funny turns or déjà vu experiences,
- Reassessment of an existing diagnosis.

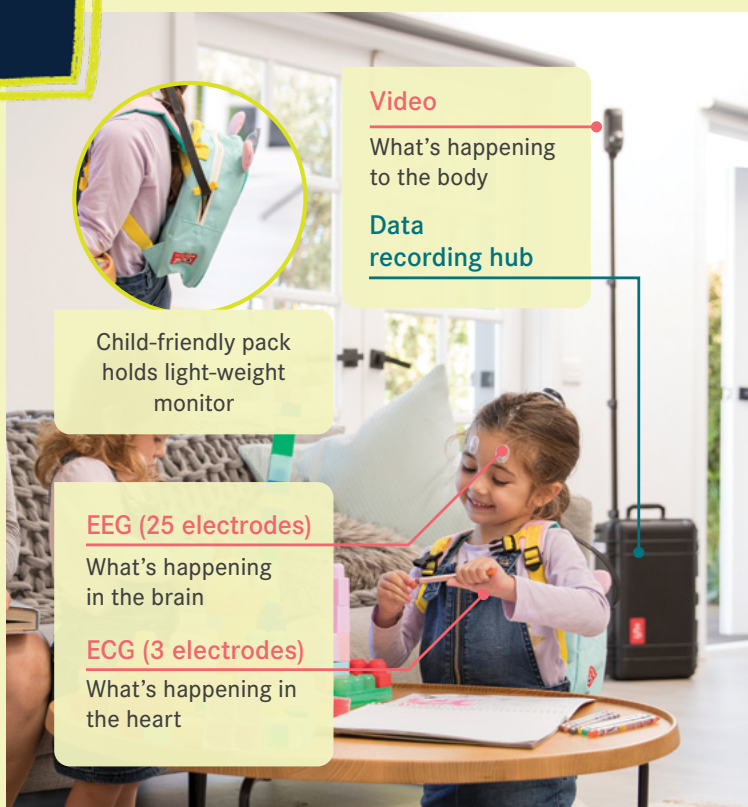
## Monitoring that doesn't feel like testing

When combined with an electrocardiogram (ECG), long-term EEG monitoring can help determine if the events your child is experiencing are caused by changes in their brain or their heart.

Most children who undergo testing are able to:

- Bathe and shower
- Play with toys and games
- Nap throughout the day

Keeping a child's regular routine helps to maintain their sense of security without compromising on data recording quality.



## How does it work?



### Referral

Your child will need a referral from their family doctor or specialist if they are seeing one.



### Connection and monitoring

Your child will be fitted with the monitoring system at one of our clinics and then go home for a monitoring period of 3-10 days (this depends on your child's doctor's recommendation).



### Results

At the end of the monitoring period, the data will be analysed and interpreted. A report will be sent to your child's doctor approximately five (5) weeks after the end of monitoring.

## There's no place like home

Video-EEG-ECG monitoring is considered to be the gold standard for seizure investigation and was previously only available as a hospital in-patient test.

Today, monitoring is accessible through Seer Medical as a home-based service that includes connection at a specialised clinic and a monitoring period at home.

For children, the experience of long-term monitoring can be overwhelming and scary – and the thought of having to keep them in a hospital bed for several days is daunting for parents.

The home setting helps to alleviate these stressors from the testing experience by keeping the family together and maintaining the child's sense of safety.



Monitoring from 4 years



Shorter monitoring periods from 3 days



Kid-friendly staff



Support 7 days a week



Age appropriate equipment solutions



Gentle adhesive for painless removal

Seer Medical's service is the leading at-home video-EEG service that is available in Australia, using Seer's patented technology that is included on the Australian Register of Therapeutic Goods (ARTG).

## Clinics across Australia

We have clinics across the country in all major cities and various regional areas. Visit our website for up to date information about clinic locations

[www.seermedical.com/clinics](http://www.seermedical.com/clinics)



Permanent clinic

Visiting site

## We're here to help

If you have any questions, call the number below and a dedicated Seer Medical team member can help.

📞 1300 869 888

Mon-Fri 9:00am-5:00pm AET (Melbourne/Sydney)

✉ [info@seermedical.com](mailto:info@seermedical.com)

🌐 [www.seermedical.com](http://www.seermedical.com)

Referrals without an indication of monitoring duration cannot be processed.  
Refer to page 2 (overleaf) for more information about testing and requirements.

Priority:                      ASAP                      At patient's convenience

Duration:                      4 days                      7 days                      Other: ..... days (maximum 10)

Previous EEG:                      Yes                      No                      If "Yes"                      Normal                      Abnormal

Type of invoice:                      Medicare mixed billing                      Concession card (bulk-billed)                      DVA Gold/White card

   Workers Compensation                      Motor Accident                      Defence Force                      Private pay (e.g. non-resident private insurance)

   Bulk-billed\*                      Other\*

\*Please specify .....

For more information: [seermedical.com/fees](http://seermedical.com/fees)

Please use BLOCK/CAPITAL letters

## Patient details

Name ..... D.O.B. (min 4y.o.) .....

Email ..... Phone .....

Address .....

Medicare no. .... Expiration .....

## Referrer details

.....

Email .....

If reports and notifications should be sent to another healthcare provider in addition to the referring clinician, please fill in the details below:

.....

Email .....

 Epilepsy medication

 Non-epilepsy medication

### Indication for EEG (select at least one)

Episodes of possible neurological dysfunction with symptoms including:

- Impaired awareness / Loss of consciousness
- Convulsive activity
- Behavioural arrest
- Confusion / disorientation

Episodes of possible neurological dysfunction – differentiation:

- Non-epileptic episodes
- Episodes occurring in sleep

Known epilepsy

- Characterising the nature of a patient's seizures
- Assessing seizure activity in response to treatment

### Indication for ECG

Possible cardiac component to episodes (syncope, presyncope, palpitations or asymptomatic arrhythmia with an expected frequency of greater than once per week)

Is aggression a feature of your patient's episodes?

Yes                      No

Please complete relevant medical history on page 2 (overleaf).





Relevant medical history (please outline why long term EEG monitoring is required, including the specific neurological dysfunction suspected, a detailed description of the patient's typical events, frequency of events, findings from any previous investigations and any treatment measures that have been implemented.)

Seer Medical provides at-home long-term video-EEG-ECG monitoring which has a high diagnostic yield and is appropriate for diagnosing intermittent events. Most tests are for seven (7) days but duration will depend on the frequency of your patient's events.

Where events are occurring more frequently, shorter durations should be considered. Seer Medical's monitoring is generally not appropriate in instances of single, unexplained events or where other appropriate testing has not yet been conducted. Please contact our clinical team if you would like advice about the duration of monitoring.