

# SEIZURE SAFETY PRODUCTS

FACT SHEET



# SEIZURE SAFETY PRODUCTS – SEIZURE DETECTION

**Monitors, alarms and safety products don't guarantee safety or detection of all seizures, but they can provide peace of mind for some people. This list is not exhaustive, and there may be other products available.**



## Epimonitor by Empatica

Epimonitor is registered medical wearable device for people aged 6 years and older. It is designed to detect and alert caregivers to possible tonic-clonic (convulsive) seizures, day or night.

It is lightweight, water resistant and comfortable and measures physiological signals linked to seizure activity, such as changes in movement and electrodermal activity (EDA). When the device detects patterns that may indicate a seizure, it automatically sends an alert to nominated caregivers through a connected smartphone.

Epimonitor must be in range of the mobile phone using the App and a subscription plan is needed.

Prices: Watch \$750                      Two plans available : Standard \$490/year Plus \$960/year

To purchase or for more information go to [Seizure Alert Australia](#)



## NightWatch+

NightWatch+ detects and notifies caregivers of tonic clonic seizures during sleep that are linked with highest risk.

It has a comfortable wireless armband that closely monitors heart rate and motion while the wearer is in bed. When a seizure is detected, a warning is transmitted to a caregiver via a wireless signal to the armband's corresponding base station.

It is easy to use, can be used in a home or professional setting and works stand-alone or with existing systems. View the [brochure here](#)

The NightWatch can be trialled for 30 days.

Price: from AUD \$2495                      For more information go to [NightWatch](#) or [Seizure Alert Australia](#)



## Smartwatches – Apple and Android

Modern smartwatches come with a wide range of health-tracking features including features such as heart rate monitoring, blood oxygen levels, fall detection, and sleep tracking.

For more reliable seizure detection you will need to use a seizure detection App with your smartwatch.

Smartwatches support health awareness, but are not registered medical devices, and are not designed to replace clinical assessment or specialised medical equipment.

They should be used as supportive tools, not relied on for diagnosis or emergency medical decisions. However, they can be a useful for tracking sleep, stress, activity, falls and noticing patterns. This may help start conversations with your healthcare team.

## SEIZURE DETECTION



### Safe-Life Seizure Alert Mat

Detect & raise an alarm as a convulsive seizure occurs. The Seizure Alert Mat is placed under the mattress and can detect seizure movement and sound. This Mat is easily installed and economical (no ongoing costs or consumables).

With battery backup and minimal false alarms, it connects easily with alarm devices and can be plugged into a nurse call system's bedside call point for nurse call connectivity.

Prices start at \$764      For more information go to [Safe-Life](#)



### Epi-Assist Sensor Mat

The Emfit Epileptic Sensor Mat is a bed monitoring system that will monitor a sleeping adult or child's convulsive seizures from under the mattress. It can detect and alarm when the person has convulsive movements or if the person falls out of or leaves the bed and does not return within a preset time.

Prices start at AUD \$1,125      For more information go to [Epi Assist](#) or phone 1800 684 422



### Alert-iT Sleep Easy Range (under mattress sensor)

The Sleep Easy product range from Alert-iT has been designed to support a wide range of night-time monitoring needs, from seizure detection and falls prevention to moisture sensing and bed-exit alerts. These systems are bed sensors designed to monitor movement and activity patterns and provide reliable alerts to caregivers when assistance may be required.

Whether for home use or professional care environments, each product offers reliable, clinically informed monitoring to support safer nights, greater independence, and peace of mind for carers and families.

Price varies according to product bought; from AUD \$880 – \$2540

Sold by [Seizure Alert Australia](#)



### SAMi Alert

The SAMi Alert system is a video-based sleep activity monitor for people who need to be watched for unusual movements at night.

A SAMi system setup in a bedroom will provide you with time-stamped recordings of movements at night – and you can choose for it to sound an alert for you if anything unusual is detected. You can then review them and share any important information with your specialist. Only works with iOS - Apple iPod, iPhone or iPad

Prices start from AUD \$2205      For more information go to [SamiAlert](#)

Sold in Australia by [Seizure Alert Australia](#).

# SEIZURE DETECTION

## Epihunter

Epihunter is a digital support tool designed to help detect and flag absence seizures in real time. It uses a small EEG sensor worn on the head (using a headband) that connects to a smartphone app. When the system detects brain-wave patterns that may indicate an absence seizure, it automatically marks the event and can send notifications to caregivers or teachers.

Your choice of Epihunter Subscription Package duration with options including or excluding a smart phone. All packages include the EEG headband and accessories.

Prices from \$1,220.00 – \$2,095.00

For more information go to [EpiHunter](#) Sold in Australia by [Seizure Alert Australia](#)

## FOR BABIES



### Eden Hand-held Pulse Oximeter

Some seizures have little or no movement or sound and can only be detected with oxygen desaturation. The Pulse Oximeter can be used for continuous monitoring and delivers accurate and reliable oxygen saturation and pulse rate measurements for adults, children and neonates. You can also purchase disposable probes for this device.

Price from AUD \$484. Purchase from [here](#)



### Neebo

A wristband with an app to monitor your baby's heart rate, breathing, oxygen levels, activity and temperature. You can hear what's happening around your child while connected to Bluetooth and will be notified if they wake. Compatible with iOS and Android.

Price from \$269. For more information go to [Neebo](#)



### Snuza Monitors

The Snuza Hero<sup>SE</sup> baby monitor is a device which attaches to your baby's nappy and monitors apnoea and abdominal movement. The Snuza Pico 2 also monitors your child's breathing, plus skin temperature and sleep patterns. Real-time insights and alerts are sent to your phone.

You are alerted if abdominal movement is weak or less than eight movements per minute. If there is no abdominal movement for 15 seconds, it will vibrate to rouse your baby to resume abdominal movement. After three vibration/rousing incidents, you will be alerted that movement has stopped for 15 seconds on three occasions. If an additional 5 seconds of no abdominal movement is detected an alarm will sound.

Price: Snuza Hero<sup>SE</sup> AUD \$179, Snuza Pico 2 AUD \$215 For more information go to [Snuza](#)



### Owlet Baby Sock

This wireless Smart Sock fits snug on your baby's foot and monitors heart rate and oxygen levels while they sleep. The base station glows green to let you know everything is okay but notifies with lights and sounds if heart rate or oxygen levels change. Using Owlet's app, you can receive notifications and stream real-time heart rate and oxygen levels on your phone.

Price AUD \$499. For more information go to [Owlet Care](#)

## FALLS AND PERSONAL ALARMS



### Drop Support

This is a safety harness for people who have falls or drop attacks. It is a unique, upper body harness that helps the caregiver in better managing and stopping forward falls. Another benefit of the support handle is that it sits higher up the back and is more accessible when the user is seated.

Prices from \$270

For more information go to [Drop Support](#) or [Seizure Alert Australia](#)



### Life Minder

The Life Minder is a wearable device that detects falls & alerts up to 8 nominated mobile devices (can include 000). The SMS alerts the person's location. It can also be used as a SOS alert option. Caregivers can call the Life Minder number, for a hands-free conversation. It is water resistant and can be worn under the shower.

Price \$425 plus mobile plan. Go to [Life Minder](#) or Phone 1800 684 422



### Safe-Life 4G Medical Alarm Pendant

Medical alarm pendants are small wearable emergency devices that let you call for help with one button press at home or in the community. This Safe-Life Australia category brings together 4G GPS medical alarm pendants, emergency button necklaces and related accessories for seniors, people with disabilities and anyone who wants a discreet personal safety tracker.

Prices start at \$447-546

For more information go to [Safe-Life](#) or phone 03 9588 0392



### LiveLife Mobile Alarm Pendant

The LiveLife Mobile Alarm is a waterproof wearable pendant. Press the button and the pendant will text and call up to 6 nominated contacts (can include 000). Each SMS will show location using GPS. When the call from the pendant is answered they can speak and listen 'hands free'.

When a fall happens, the pendant will send out 'fall alert' SMS and call nominated contacts.

Priced from \$567.

For more information go to [Live Life Alarms](#) or phone 1800 936 774



### Keep Track GPS Pendant

This personal alarm system offers a fall detection feature, that sends SMS to nominated contacts. When it detects a fall, it will beep for a short time before sending the SMS. The user can activate an emergency SMS via a single press of the SOS button. Up to 5 nominated mobile numbers are sent an alert text message notifying of the emergency and GPS location.

Priced from \$380 plus mobile plan costs. Go to [Keep Track](#)

## POROUS PILLOWS

### Breathe-zy and SleepSure Anti-suffocation Pillows

These Anti-Suffocation Pillows are porous and designed to be breathable, practical and comfortable. The covers are machine washable. The pillows may assist in the prevention of SUDEP or suffocation.

Priced from \$120-\$240, plus extra for spare pillow covers.

For more information or to purchase the pillow in Australia go to [Seizure Alert Australia](#).

## MEDICATION DEVICES

### VNS Magnet Kit – LivaNova

VNS Therapy™ Magnet works to start an extra dose of stimulation to stop, shorten or decrease the intensity of a seizure or recovery period. The magnet can also be used to stop stimulation of your VNS device to temporarily control side effects.

Product includes 2 magnets, a wristband, and a belt clip.

Price \$308.

For more, go to our shop to [purchase here](#)

### MAD® (Mucosal Atomisation Device)

These devices are used to easily and quickly administer intranasal midazolam in seizure emergencies.

The MAD® is used for delivery of atomised medication (midazolam) into the nose for fast absorption. It delivers medication in a safe and effective way and will work in any position.

Priced from \$9.10 each

Sold individually by: [Bright Sky](#) and [Livingstone](#)

## GENERAL PRODUCTS

### Auswara - Medical ID Jewellery

Australian based, explore Auswara's selection of fashionable, affordable, and functional medical ID bracelet options designed for men, women, and kids. Our range features trendy styles and comfortable materials, perfect for meeting your unique needs.

For more go to [Auswara](#). For 15% off use code: EPILEPSYACTION

### ATO Head Protection

ATO Starlight series head protectors are available in a wide variety of styles and colours for many different circumstances.

For more information go to [ATO](#) or phone Wila Innovations 02) 6206 1723 mob 0427 017 177

### RibCap

Feel safer and confident with your fashionable soft protection helmet. Dejay Medical have a range of baseball caps and beanie's to help protect your head whilst still looking cool!

For more information go to [Dejay Medical](#) or phone (03) 9838 8869

## GENERAL PRODUCTS

### Nikki G's Temperature Control Bedding

Using proactive temperature regulating technology this material balances temperature changes, reducing overheating and temperature swings.

For more go to [Nikki G's](#)

## APPS



### MyMedicWatch (iOS or Android)

My Medic Watch app is designed to detect falls and seizure-like movements which then automatically sends alerts to nominated caregivers along with the person's GPS location. Included is access to real time data of all your medical episodes. You can choose to give access to your doctors, so that they can review your medical conditions.

Price from \$19.99/month or \$199/year. Go to [My Medic Watch](#) or phone (02) 8880 0902



### SeizAlarm App (iOS only)

SeizAlarm is designed to detect seizure-like movements and alert caregivers automatically when or manually if they need help or think they might need help soon.

Price USD \$14.99/month or USD \$149/year (iOS only). For more go to [SeizAlarm](#)



### SmartWatch Inspyre (iOS or Android)

SmartWatch Inspyre™ is an app by Smart Monitor which detects repetitive seizure-like movements and signals the user's smartwatch to alert designated caregivers. Users can also summon help with the push of a button. You can purchase your own smart watch or buy one from Smart Monitor.

Priced from USD \$14.99-\$29.99/month. For more go to [Smart Monitor](#)



### OpenSeizureDetector App (Android only)

Open Seizure Detector detects seizure-like movements and alarms to warn a caregiver that the user may need help. It uses a Garmin smart watch to detect, and an Android phone to initiate the alarms.

The software is free and Open Source and does not require subscriptions to any web sites. The apps are available for free on the Google Play Store.

Free. For more go to [OpenSeizureDetector](#)



### Emergency Plus 000 App for Children

Encourage children to learn about dialling triple zero 000 in an emergency. Children can also learn their address and how to make a 000 call on a locked phone. Have a look – [click here](#)

Price: Free For more go to [Triple Zero](#)

*PLEASE NOTE: There are many seizure alarm apps available and these constantly change. It is wise to do some research and see what best suits your needs.*

## COMPARISON TABLE

Product	Type	Detects	When	Medical grade	Compatible device
NightWatch	Armband	Convulsive movements	Night-time only	Yes	---
Epimonitor	Watch + App	Subtle skin changes and convulsive movements	Day and night	Yes	---
Smartwatches	Watch + App	Convulsive movements, falls and heart rate changes	Day and night	No	iOS & Android
SAMi Alert	Video Monitor	>15 seconds of movement	Night-time only	No	iOS only
Seizure Mats: -Epi-Assist Emfit -Safe-Life Mat -Alert-iT	Sensor Mat under mattress	Convulsive movements	Night-time only	No	---
Eden Hand Held Pulse Oximeter	Wearable device	Heart rate and oxygen levels	Day and night	Yes	
Owlet Baby Sock	Sock (baby)	Heart rate and oxygen changes	Night-time, sleep	Yes	---
Snuza Movement monitors	Wearable device (baby)	Breathing changes and sleep	Night-time only	Yes	---
Neebo	Wristband (baby)	Heart rate, breathing, oxygen levels, activity and temperature	Day and night	No	---

*NOTE: Epilepsy Action Australia does not stock or sell these products. For additional information or advice about these products, please contact the company directly.*

[Visit our website](#)



Disclaimer: This information is given to provide accurate, general information about epilepsy. Medical information and knowledge changes rapidly and you should consult your doctor for more detailed information. This is not medical advice, and you should not make any medication or treatment changes without consulting your doctor.