

Issue date: December 2020

### Seizure Monitors (Day Time Use) – prices and evaluation\*

# Safety Devices – Questions to Ask

If you are considering a safety device, it is really important to consider the different options carefully. You should seek advice from your doctor or epilepsy specialist before purchase or use.

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These questions are a starting point to help you in your research of the various safety devices on offer:

- Which seizure type or types does this monitor pick up?
- Is this safety device suitable for my type of epilepsy?
- How many or what percentage of seizures is this monitor likely to pick up?
- How often does this monitor give out a false alarm?
- Will this monitor get in the way of my day to day living?
- What is the cost of the monitor?
- What are the potential issues I may experience with this monitor (eg: false alarms, ongoing cost)

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Alarm	Photo	Cost & where to purchase	Advantages	Disadvantages
What it is: The Life Minder is a wearable device that detects the sudden impact of a fall and can alert up to 5 people by sending a text message with a Google Map location, accurate to within 2 metres. The wearer can also press the SOS function themselves to alert the mobile phones connected to it. It works with a SIM card on either Telstra or Optus network Australia wide. Can be attached to a belt, lanyard or key ring. Comes with its own docking station to charge.		One off cost: AU\$420.00 (GST included). Free postage Australia wide. However, SIM card needs to be topped up.  http://www.lifeminder.com.au/product/the-life-minder/	<ul> <li>Water resistant so can be worn in the shower.</li> <li>12-month warranty.</li> <li>Comes in a variety of colours.</li> <li>Life minder is a mobile phone without complicated features.</li> <li>When a fall is detected up to 5 nominated</li> </ul>	<ul> <li>Comes with a \$25 SIM card. This SIM card needs to be reloaded.</li> <li>Must maintain a SIM plan for the device to work.</li> </ul>
	NDIS Provider Number 4050012721		mobile services will receive a text message including a link via Google Map for the location.	

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#### **Live Life Personal Alarm**

Once the SOS button is pressed, it will connect user to their emergency contact or 000. Five emergency contacts can be added or 000. The device uses only Telstra mobile network.

It is worn like a pendant and will detect any fall. The device is shower proof and user can communicate with emergency contact or 000 via the built-in speaker.



- AUD \$497.00 one off cost and free postage.
- from
  <a href="https://livelifealarms">https://livelifealarms</a>
  <a href="https://livelifealarms">.com.au/product/or</a>
  der-mobile-alarm/
- Can add up to 5 contacts or add 000.
- Automatic fall detection.
- Uses GPS and Google maps to send your location to your contacts immediately.
- Pendant is shower and rain proof.

• Sim card needs top up when balance is low.

Issue date: December 2020

• Uses only Telstra mobile network.

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#### Embrace 2 Empatica Watch

What it is: A smartwatch that is connected to a person's mobile via Bluetooth connection which may detect seizures, and can monitor activity levels and sleep quality. When it detects a seizure, it will send alert calls and an SMS to caregiver's phone.



- US\$249 for Embrace2 plus monthly subscription fee. Has 48 hours battery life
- Postage not included.
- Both watches require a monthly subscription fee.
- Can be purchased from https://www.empatica.com/
- It is specifically made to detect only tonic-clonic seizure.
- FDA approved for Nocturnal tonic-clonic Seizure only.
- Product is not available for purchase in Australia.

- Looks like any other stylish smartwatch on the market.
- The watch can be return within 30 days from delivery.
- The order will include a 30 days free trial of Plus Plan.
- International buyers do not need a prescription.

- Phone and watch must be within 10 meters of each other.
- Is water proof to only 1 meter for 30 mins duration.
- User's phone needs access to the internet.
- The watch needs to be charged for 2 hours each day.
- The watch may confuse stimming behaviour (repetitive or unusual body movement or noises, like hand flapping or snapping fingers) with a seizure.
- You need to connect it to the Alert App or Mate App.

Issue date: December 2020

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## **Tunstall**

Find Me Watch is a cellular personal emergency response system, panic alert, GPS tracker and fall detector all in one, the watch functions as an alert device providing additional security at home and in the community.



- You can either rent or purchase the device.
- There is a \$88 set up cost for either option.
- To purchase the cost is \$529.10.
- However, whether you rent or purchase there will be a monthly service fee.
- Fees will vary depending on your needs.
- For more information, please contact Tunstall health directly.

au.sales@tunstall.com

1800 611 528

- It has multiple features to assist users who need urgent access to help.
- Using GPS location details and interval tracking, a set perimeter around a residence can be set up for each user, sending an alert to Tunstall's Customer Care Centre and nominated carers if the perimeter is breached.

Issue date: December 2020

- It is expensive to own and operate.
- Not meant to be used to detect seizures.
- Area must have 3G coverage for the mobile services to work.

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#### Apple Watch Series 5 or 6

Apple Watch Series 5 detects a hard fall while you're wearing your watch, it taps you on the wrist, sounds an alarm, and displays an alert.

If the watch detects that you are moving it will wait for a response and will not contact emergency services. However, if it detects that you are immobile for about a minute it will automatically contact emergency services. After that the watch will notify your emergency contacts with your location letting them know that it has detected a hard fall.

Your emergency contacts are retrieved from your phone's Medical ID.





- Cost starts from 649 AUD
- Can be purchased from apple directly or any apple authorised retailer.
- More information can be found at <a href="https://support.apple.com/en-us/HT208944">https://support.apple.com/en-us/HT208944</a>
- Apple Watch Series 5 or 6 is for Hard fall detection only.

- Detects hard fall.
- Will contact emergency services if you are unable to do so or if the watch detects that you are immobilised.
- Will send a message to your emergency contacts with your location.

Issue date: December 2020

- Can send out false alarms.
- It is use to detect a hard fall.
- It can take a minute before emergency services are contacted, as the watch waits for you to respond to the alert.

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#### **Drop Support**

What it is: Designed and produced by someone who has a family member with epilepsy – and drop attacks (tonic and atonic seizures). Drop Support is unique in that it secures the user's whole upper body, with one centralised point of contact. It's this point of contact that enables full fall support for the whole upper body, and the ability to re-stabilise the person, lessening the likelihood of injury



- Children's drop support harness US\$99.99
- Boys and Girls drop support harness US\$129.99
- Adult drop support harness US\$129.99
- Postage is not included
- Product is not available for purchase in Australia.
- Available at <a href="https://www.dropsupports.com/">https://www.dropsupports.com/</a>

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- The vertical handle provides the assistant with a better means of controlling and managing the user's directional motion.
- The added support straps over the shoulder's and chest area help the assistant in better managing and stopping forward falls.
- The support handle sits higher up the back, and is more accessible when the user is seated.

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- Is sold in the US but can ship to Australia.
- The purchaser has to pay for the shipping cost.
- May not work for everyone.

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