Ground-breaking mjn-SERAS seizure monitoring device that uses artificial intelligence to predict and alert of imminent seizures launches in the UK

Tuesday 3 May, 2022

Epilepsy Alarms UK are proud to bring the mjn-SERAS to the UK - a revolutionary device that uses artificial intelligence to predict seizures with up to 3 minutes advanced warning.

With a European CE mark as a medical device*, the mjn-SERAS is revolutionising seizure detection. Designed and manufactured by Spanish start-up mjn-NEURO, the device moves away from the trend set by wrist-worn seizure monitoring devices and is instead composed of a 3D-printed earpiece that is custom-fit to each user to maximize comfort. With an impressive battery life lasting up to 18 hours, the mjn-SERAS was designed to be lightweight and discreet and weighs in at only 9.5g.

The mjn-SERAS houses sensors that directly monitor electrical activity in the brain and use artificial intelligence to warn of a seizure up to 3 minutes before an episode occurs.

Powered by artificial intelligence, the device uses machine learning to personalise the algorithm to the user's own brain activity patterns, enhancing its ability to predict future seizures.

When a seizure is predicted, the device sends an alert to the paired Android smartphone, giving the user time to make sure they can get to a safe place and notify loved ones of their impending episode.

Users can also opt to have seizure alerts automatically shared with other people, giving peace of mind to carers or loved ones who worry about the risks of an unmonitored episode.

The mjn-SERAS can also be used by professionals to gain a better understanding of a patient's condition. Data is stored on the paired smartphone in both calendar and graph formats for easy visualisation of patterns that Doctors and neurologists can use to tailor treatment to the patient.

The mjn-SERAS will be available for purchase in the UK exclusively from Epilepsy Alarms UK from £1,495. We're also proud to announce that all purchases will support Young Epilepsy, a UK charity that does incredible work to help those living with epilepsy to live better lives.

**According to the European Directive 93/42/EEC and the Royal Decree RD. 1591/2009*

"What I really like about the mjn-SERAS, it's not only reacting to someone having a seizure but also telling you that a seizure could happen - it's quite revolutionary. *Technology moves on so fast and is improving all the time. One would hope down the line the NHS may consider using the* mjn-SERAS and devices like it on their free drug tariff. The more people that are managing their own conditions, the less impact there is on the NHS."

Dr Hilary Jones, MBE

Popular GP and TV Personality

Press contact

For enquiries about the launch of the mjn-SERAS in the UK or for a press pack containing information and images approved for re-use, please contact the Epilepsy Alarms UK marketing team on marketing@epilepsyalarms.co.uk

For sales-related enquiries or to discuss the suitability of the mjn-SERAS for you, a patient, or a loved one, please visit epilepsyalarms.co.uk/product/mjn-seras/ or contact support@epilepsyalarms.co.uk

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How the mjn-SERAS works

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