EMFIT®
Sensing What Matters™

1090

Emfit Tonic-Clonic Seizure Monitor™

Clinically tested*

Picture is not related to the testimonials.

"Last night our daughter had three seizures in three hours and was hospitalised. They are now altering her medication. At least we knew with the alarm making us aware."

Sheila and Dave - North Shore, Auckland

"Just set up my son's monitor yesterday! It was put to the test last night as he had 2 tonic/clonic seizures... its amazing, I wasnt sure it was working but yes it is! Thank you for this wonderful monitor!"

Kathy

www.emfit.com

When a person has fast and continued movements due to tonic-clonic seizure, a notification is triggered.

Emfit Tonic-Clonic Seizure Monitor is designed for detecting tonic-clonic seizures of a sleeping person. Patented sensor technology detects when a person has continued abnormal movements over a pre-set amount of time, and triggers a notification.

The Emfit Tonic-Clonic Seizure Monitor consists of an under-mattress bed sensor and a monitor unit. The slim sensor pad is placed under the mattress and detects even the slightest movements of the person lying above it. When a person has faster and sustained movements caused by a tonic-clonic seizure, a notification is triggered. The system is sensitive to light movements, making it equally suitable for children.

For local notification the monitor has an audible alarm with adjustable volume. Facility exists to interface with radio transmitters such as the Bellman & Symfon Home Alert system or any nurse-call installation. An auto-dial telephone is also available. The controller has the option to give notification when the person leaves the bed and micro-movements from vital signs are no longer evident. This can be useful for people with a tendency to wander.

Mounting brackets are supplied to fit the monitor to the bed-head, or attach it to the wall. The system is powered by a medical grade Mains Adaptor but also operates with two AA sized alkaline batteries (supplied).

Medical Device, Class 1.

Clinically tested*. Suitable for children and adults.

* **Assessment of a quasi-piezoelectric mattress monitor as a detection system for generalized convulsions**
Epilepsy & Behavior, Volume 28, Issue 2, August 2013, Pages 172–176

* **Prospective Study of the Emfit Movement Monitor**
Journal of Child Neurology, published on January 29, 2013

Monitor 1090

Bed Sensor L-4060 SLC
Bed sensor is located under the mattress notices movements and micro movements.

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