

Accepted Manuscript

Title: Automated seizure detection systems and their effectiveness for each type of seizure

Author: A. Ulate-Campos F. Coughlin M Gaínza Lein I
Sánchez Fernández P.L. Pearl T. Loddenkemper



PII: S1059-1311(16)30071-1
DOI: <http://dx.doi.org/doi:10.1016/j.seizure.2016.06.008>
Reference: YSEIZ 2737

To appear in: *Seizure*

Received date: 18-4-2016
Revised date: 23-5-2016
Accepted date: 7-6-2016

Please cite this article as: Ulate-Campos A, Coughlin F, Lein MG, Fernández IS, Pearl PL, Loddenkemper T, Automated seizure detection systems and their effectiveness for each type of seizure, *SEIZURE: European Journal of Epilepsy* (2016), <http://dx.doi.org/10.1016/j.seizure.2016.06.008>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights:

- Patient specific algorithms are crucial for achieving accurate detection devices.
- Multimodal detection systems are needed to meet the requirements of seizure detection.
- Closed-loop systems are recommended because they provide active feedback.
- The systems will improve as information from different patients accumulates.
- A proposal of seizure detection devices for each seizure type is made.

Download English Version:

<https://daneshyari.com/en/article/6830428>

Download Persian Version:

<https://daneshyari.com/article/6830428>

[Daneshyari.com](https://daneshyari.com)