

Cardiogenic syncope diagnosed as epileptic seizures: the importance of ECG during video-EEG recording

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- Cardiac Syncope and Epileptic Seizures
 - Both may manifest with convulsions, loss of consciousness, and loss of postural tone
 - Serious consequences due to misdiagnosis and use of antiepileptic drugs
 - Correct identification of cardiogenic syncope may lead to a treatment that will stop the convulsion and avoid unnecessary use of anticonvulsant medications

- One-lead electrocardiogram in video electroencephalography
 - The one-lead ECG allows the physician to correlate convulsions with any changes in the heart's electrical activity
 - The one-lead ECG, as a part of the video-EEG assessment, is a valuable tool to identify possible arrhythmias and proceed with better cardiological testing, such as a Holter examination or echocardiography