

Ictal asystole mimicking seizure deterioration in temporal lobe epilepsy

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Seizures Typically Associated with Falls in Epilepsy

- Tonic seizure
 - Atonic seizure
 - Secondarily generalized convulsion
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- AEDs are more efficient in controlling 2nd generalized convulsions than focal seizures
 - Recurrence of falls is usually attributed to recurrence of 2nd generalized seizures

Consider video EEG monitoring before changing anticonvulsive medication



EEG seizure onset in the
left mesial temporal region



Asystole

Seizure related falls may not necessarily be related to a recurrence of generalized convulsions

- Ictal asystole can mimic 2nd generalized convulsions and falls during epileptic seizures
- A cardiac pacemaker implantation prevents further asystole related falls and injuries in epilepsy patients