

Proprioceptive-induced (stimulus-sensitive) reflex seizures

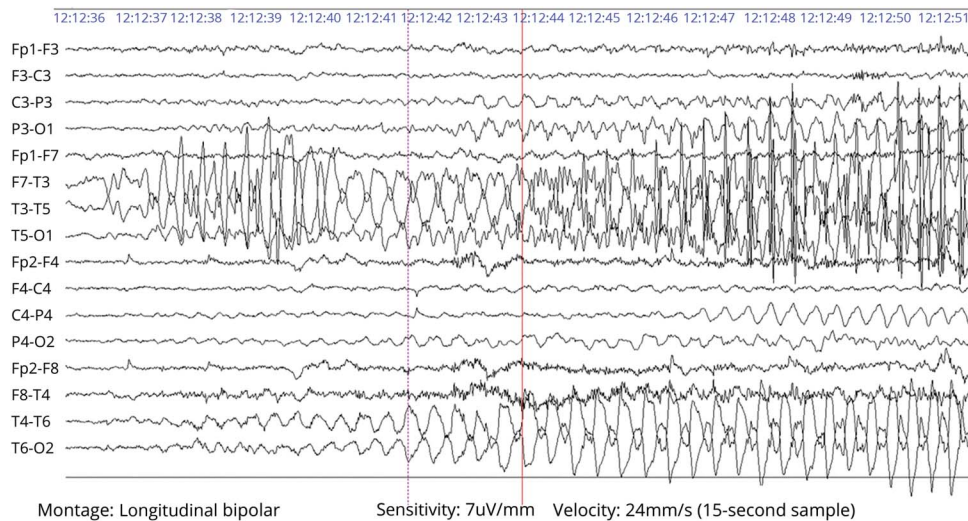
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Figure EEG shows epileptiform discharges in the left frontotemporal region during voluntary movement of the right lower limb



A 78-year-old man presented with abnormal right leg movements 2 days after mild traumatic brain injury. He displayed clonic movements of the right leg after a few seconds of voluntary movement of the same leg, lasting about 20 seconds. Brain MRI showed a small subarachnoid hemorrhage in the cerebral convexities. EEG at rest was normal but demonstrated robust epileptiform discharges in the left frontotemporal region (figure) after voluntary movements of the right leg (video 1). Seizures subsided with clobazam 20 mg/d. Reflex seizures have been described with various triggers and etiologies.^{1,2}

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Author contributions

G.C. Fernandes: drafting/revising the manuscript, study concept or design, accepts responsibility for conduct of research and final approval, acquisition of data. G. Rizzo: analysis or interpretation of data, accepts responsibility for conduct of research and final approval, acquisition of data. L.N. Fernandes: drafting/revising the manuscript, accepts responsibility for conduct of research and final approval, diagnosis formulation. B. Popinhak: drafting/revising the manuscript, accepts responsibility for conduct of research and final approval, acquisition of data.

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Disclosure

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