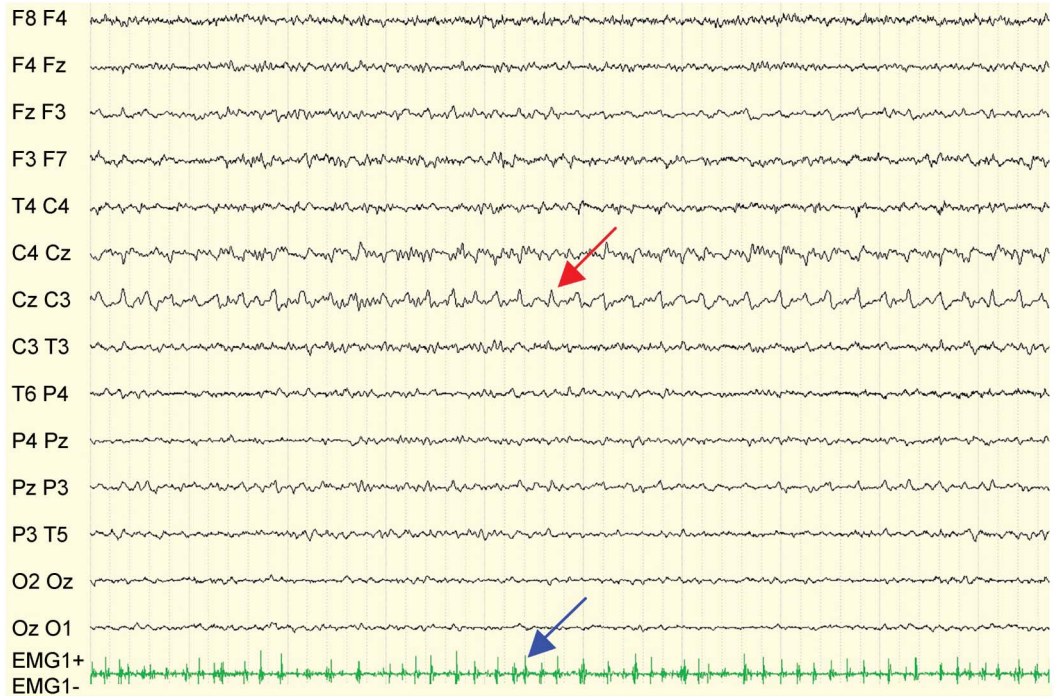


Teaching NeuroImages: Epilepsia partialis continua revealing PML after allogenic stem cell transplantation

Daniela Andriuta, MD
Mélissa Tir, MD, PhD
Bertille Perin, MD
Philippe-Edouard Merle,
MD
Céline Bryer-Le Breton,
MD
Amandine Charbonnier,
MD
Jean-Marc Constans,
MD, PhD
Olivier Godefroy, MD,
PhD

Correspondence to
Dr. Andriuta:
zara1986@hotmail.com

Figure 1 Scalp EEG



Continuous rhythmic sharps (red arrow) in the left rolandic derivation (CzC3) during right foot myoclonus (blue arrow).

A 54-year-old man, 15 months after allogenic peripheral blood stem cell transplantation (ASCT) for myelodysplasia, developed continuous right foot involuntary twitching. The EEG was suggestive of epilepsia partialis continua (EPC) (figure 1). Brain MRI showed increased signal in the left rolandic white matter (figure 2). Blood assessment found 3,400 leukocytes, 500 lymphocytes, and CSF PCR JC virus was positive (250 copies/mL) with normal cyto-biochemical assessment. This case fits diagnostic criteria of progressive multifocal leukoencephalopathy (PML).¹ PML is exceptionally revealed by EPC² and constitutes a rare complication of ASCT.

AUTHOR CONTRIBUTIONS

Daniela Andriuta: first draft manuscript writing. Mélissa Tir: review and critique of manuscript. Bertille Perin: EEG interpretation, review and critique of manuscript. Philippe-Edouard Merle: EEG interpretation,

review and critique of manuscript. Céline Bryer-Le Breton: review and critique of manuscript. Amandine Charbonnier: review and critique of manuscript. Jean-Marc Constans: MRI interpretation, review and critique of manuscript. Olivier Godefroy: review and critique of manuscript.

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DISCLOSURE

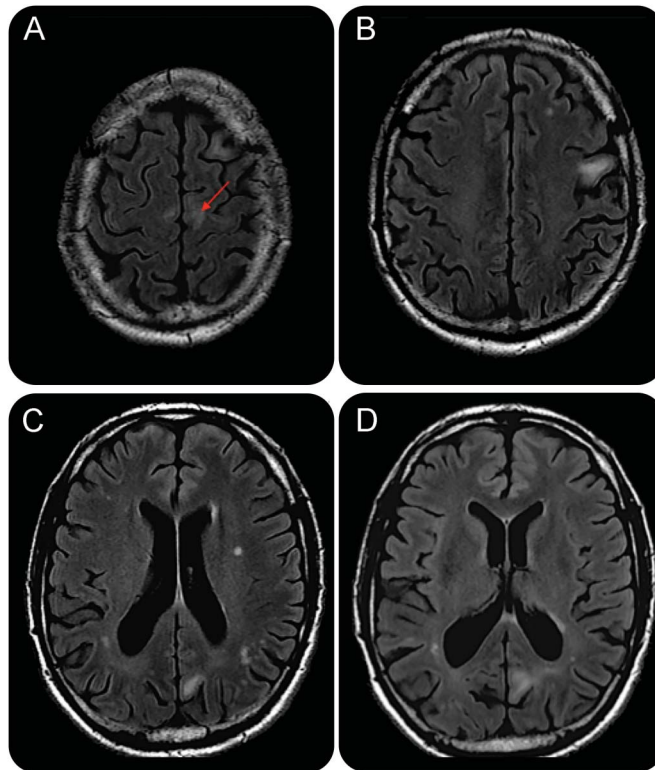
The authors report no disclosures relevant to the manuscript. Go to Neurology.org for full disclosures.

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From the Departments of Neurology (D.A., M.T., B.P., C.B.-L.B., O.G.), Neurological Electrophysiology (B.P., P.-E.M.), Clinical Hematology (A.C.), and Radiology (J.-M.C.), Amiens University Hospital, France.



Axial fluid-attenuated inversion recovery images: (A) hyperintensity in left rolandic subcortical white matter (arrow); (B-D) multifocal asymmetric nonconfluent white matter lesions, with no mass effect.

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