Lingual epilepsy partialis continua in neurocysticercosis

Figure 1 MRI (left frontal cysticercal granuloma)

An oval lesion hyperintense on T2 (A) and hypointense on fluid-attenuated inversion recovery (B) with ring enhancement on postcontrast T1 (C) with an eccentric dot-like scolex located in the left inferior frontal gyrus is consistent with neurocysticercosis.

A 60-year-old woman presented with focal clonic movements of her face and abnormal movements of her tongue for 5 months. An MRI revealed a ring enhancing lesion, suggestive of a cysticercal granuloma (figure 1). The patient was started on oxcarbazepine, which produced temporary control, with recurrence of jerky movements of her tongue lasting several minutes with frequent recurrence (videos 1 and 2 at Neurology.org). EEG did not show focal abnormalities (figure 2). The episodes were aborted by levetiracetam, 1 g/d, and escalation of oxcarbazepine dose to 900 mg/d. Lingual epilepsy partialis continua occurs in Rasmussen encephalitis and herpes simplex encephalitis, but neurocysticercosis is an unusual cause.^{1,2}

Figure 2 Ictal EEG

A 32-channel ictal EEG record shows EMG artifacts only.

Supplemental data at
Neurology.org

Sachin Sureshbabu, MD, DM, Dinesh Nayak, MD, DM, Gaurav Mittal, MD, DM, Sudhir Peter, MD, Chindripu Sobhana, MD, Vikash Aggarwal, MD, DM

From St. Stephen's Hospital (S.S., D.N., G.M., S.P., C.S., V.A.), New Delhi; Fortis Malar Hospital (D.N., V.A.), Adayar, Chennai; and Metropolis Labs (S.P., C.S.), Mumbai, India.

Author contributions: Sachin Sureshbabu: study concept, design, analysis of data, writing of manuscript. Dinesh Nayak: study design, analysis of data, writing of manuscript. Gaurav Mittal: study design, writing of manuscript. Sudhir Peter: study design, writing of manuscript. Chindripu Sobhana: study design, writing of manuscript. Vikash Aggarwal: study design, writing of manuscript.

Acknowledgment: The authors thank Dr. Sudhir C. Joseph, Director, St. Stephen's Hospital.

Study funding: No targeted funding reported.

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

Correspondence to Dr. Sureshbabu: drsachins1@rediffmail.com

1. Nayak D, Abraham M, Kesavadas C, Radhakrishnan K. Lingual epilepsy partialis continua in Rasmussen's encephalitis. *Epileptic Disord* 2006;8:114–117.
2. Iyer RS, Ramalingam Ramakrishnan TC. Lingual epilepsy partialis continua as the presenting manifestation of herpes simplex encephalitis: uncommon presentation of a common disease. *Neurol India* 2014;62:439–441.

Carry the Only Card that Helps Support the AAN—and Get a \$100 Cash Rewards Bonus!

Apply for the BankAmericard Cash Rewards™ credit card today to start getting more cash back for the things you buy most—plus a \$100 cash rewards bonus offer! Visit AAN.com/view/CashRewards and enter priority code “VACN51.”

NEW!

Innovations in Care Delivery – A curated collection featuring advances in neurologic care

This *Neurology*® special interest Web site provides a forum to explore new care models from multiple disciplines, access to sources on health care innovation, and expert opinions on current research from *Neurology* journals. Curated by Brian C. Callaghan, MD, and Kevin A. Kerber, MD.

Stay ahead of the curve at Neurology.org/innovations.

Neurology®

Lingual epilepsy partialis continua in neurocysticercosis

Sachin Sureshababu, Dinesh Nayak, Gaurav Mittal, et al.

Neurology 2017;88;108-109

DOI 10.1212/WNL.0000000000003460

This information is current as of December 26, 2016

Updated Information & Services	including high resolution figures, can be found at: http://n.neurology.org/content/88/1/108.full
Supplementary Material	Supplementary material can be found at: http://n.neurology.org/content/suppl/2016/12/27/WNL.0000000000003460.DC1
References	This article cites 2 articles, 0 of which you can access for free at: http://n.neurology.org/content/88/1/108.full#ref-list-1
Subspecialty Collections	This article, along with others on similar topics, appears in the following collection(s): All Clinical Neurology http://n.neurology.org/cgi/collection/all_clinical_neurology All Epilepsy/Seizures http://n.neurology.org/cgi/collection/all_epilepsy_seizures All Imaging http://n.neurology.org/cgi/collection/all_imaging Parasitic infections http://n.neurology.org/cgi/collection/parasitic_infections Video/ EEG use in epilepsy http://n.neurology.org/cgi/collection/video__eeg_use_in_epilepsy
Permissions & Licensing	Information about reproducing this article in parts (figures,tables) or in its entirety can be found online at: http://www.neurology.org/about/about_the_journal#permissions
Reprints	Information about ordering reprints can be found online: http://n.neurology.org/subscribers/advertise

Neurology® is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright © 2016 American Academy of Neurology. All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.