A 41-year-old patient developed diplopia, imbalance, and weight loss. Examination showed pendular vergence oscillations of the eyes and synchronous contractions of the masticatory but not palatal muscles, i.e., oculomasticatory myorhythmia (OMM; figure). There was complete supranuclear vertical and, to a lesser extent, horizontal gaze palsy. The remainder of the examination was unremarkable. Brain MRI was normal. OMM is pathognomonic of Whipple disease. In its presence, neither jejunal biopsy nor blood or CSF PCR of *Tropheryma whippelii* is necessary for the initiation of trimethoprim-sulfamethoxazole. This patient became symptom free after 6 months of treatment. Video footage of the typical presentation should assist clinicians in recognizing this highly treatable neurologic disorder.

**REFERENCES**


Teaching NeuroImage: Oculomasticatory myorhythmia: Pathognomonic phenomenology of Whipple disease
Fredy J. Revilla, Rafael de la Cruz, Nancy Khardori, et al.
Neurology 2008;70;e25
DOI 10.1212/01.wnl.0000287142.16160.0f

This information is current as of February 4, 2008

Updated Information & Services
including high resolution figures, can be found at:
http://n.neurology.org/content/70/6/e25.full

Supplementary Material
Supplementary material can be found at:
http://n.neurology.org/content/suppl/2008/02/03/70.6.e25.DC1

References
This article cites 2 articles, 0 of which you can access for free at:
http://n.neurology.org/content/70/6/e25.full#ref-list-1

Citations
This article has been cited by 1 HighWire-hosted articles:
http://n.neurology.org/content/70/6/e25.full##otherarticles

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 Infections
http://n.neurology.org/cgi/collection/all_infections
All Medical/Systemic disease
http://n.neurology.org/cgi/collection/all_medical_systemic_disease
Nystagmus
http://n.neurology.org/cgi/collection/nystagmus

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 . All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.