Bilateral cochlear enhancement in Cogan syndrome

A 43-year-old man presented for neurologic evaluation with acute bilateral hearing loss. Two weeks before presentation, he had bilateral eye pain diagnosed as scleritis. He also noted a subacute history of fevers, night sweats, and diarrhea. Neurologic examination revealed bilateral sensorineural hearing loss, confirmed with audiometry. MRI demonstrated enhancement of the cochlea bilaterally (figure). Extensive evaluations for rheumatologic and infectious etiologies were negative.

Cogan syndrome is a rare systemic disease classified among the vasculitides characterized by audiovestibular and ocular involvement. The patient stabilized with oral prednisone. If refractory, treatment with steroid-sparing immunosuppressants or cochlear implants can be considered.

Jennifer E. Fugate, DO, Jonathan H. Smith, MD, Daniel O. Claassen, MD, Rochester, MN

Disclosure: The authors report no disclosures.

Address correspondence and reprint requests to Dr. Daniel O. Claassen, Department of Neurology, Mayo Clinic, 200 First Street SW, Rochester, MN 55905; claassen.daniel@mayo.edu

Bilateral cochlear enhancement in Cogan syndrome
Jennifer E. Fugate, Jonathan H. Smith and Daniel O. Claassen
Neurology 2009;73;75
DOI 10.1212/WNL.0b013e3181aaea6c

This information is current as of June 29, 2009

Updated Information & Services
including high resolution figures, can be found at:
http://n.neurology.org/content/73/1/75.full

References
This article cites 1 articles, 0 of which you can access for free at:
http://n.neurology.org/content/73/1/75.full#ref-list-1

Citations
This article has been cited by 2 HighWire-hosted articles:
http://n.neurology.org/content/73/1/75.full##otherarticles

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