

Sleep apnea and snoring



A 42-year-old man was evaluated for snoring and sleep apnea. Overnight polysomnography revealed 28 events per hour on the apnea–hypopnea index. To determine the site of obstruction and determine treatment, dynamic MRI with concurrent EEG monitoring in natural sleep was performed. We recorded 2 mechanisms of total occlusion: at the oropharyngeal level and due to movement of the uvula during snoring (videos 1 and 2).¹ Two different mechanisms suggested against surgical therapy; he was treated with a continuous positive airway pressure mask at 7 cm H₂O, with a good outcome.

Pavel Kavcic, MD, Ales Koren, MD, PhD, Blaz Koritnik, MD, PhD, Leja Dolenc Groselj, MD, PhD

From University Medical Center Ljubljana, Slovenia.

Author contributions: Dr. Kavcic: study concept or design, analysis or interpretation of data, drafting or revising the manuscript. Dr. Koren: study concept or design, analysis or interpretation of data. Dr. Koritnik: study concept or design. Dr. Dolenc Groselj: study concept or design, drafting or revising the manuscript, study supervision.

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. Kavcic: pavel.kavcic@gmail.com

Supplemental data at
www.neurology.org

1. Kuipers AF, Bartels LW. Sleep apnea. *N Engl J Med* 2012;367:e33.

Neurology®

Sleep apnea and snoring
Pavel Kavcic, Ales Koren, Blaz Koritnik, et al.
Neurology 2013;81;691
DOI 10.1212/WNL.0b013e3182a08d6a

This information is current as of August 12, 2013

Updated Information & Services	including high resolution figures, can be found at: http://n.neurology.org/content/81/7/691.full
Supplementary Material	Supplementary material can be found at: http://n.neurology.org/content/suppl/2013/08/11/81.7.691.DC1
References	This article cites 1 articles, 0 of which you can access for free at: http://n.neurology.org/content/81/7/691.full#ref-list-1
Subspecialty Collections	This article, along with others on similar topics, appears in the following collection(s): MRI http://n.neurology.org/cgi/collection/mri Sleep apnea http://n.neurology.org/cgi/collection/sleep_apnea
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 © 2013 American Academy of Neurology. All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.

