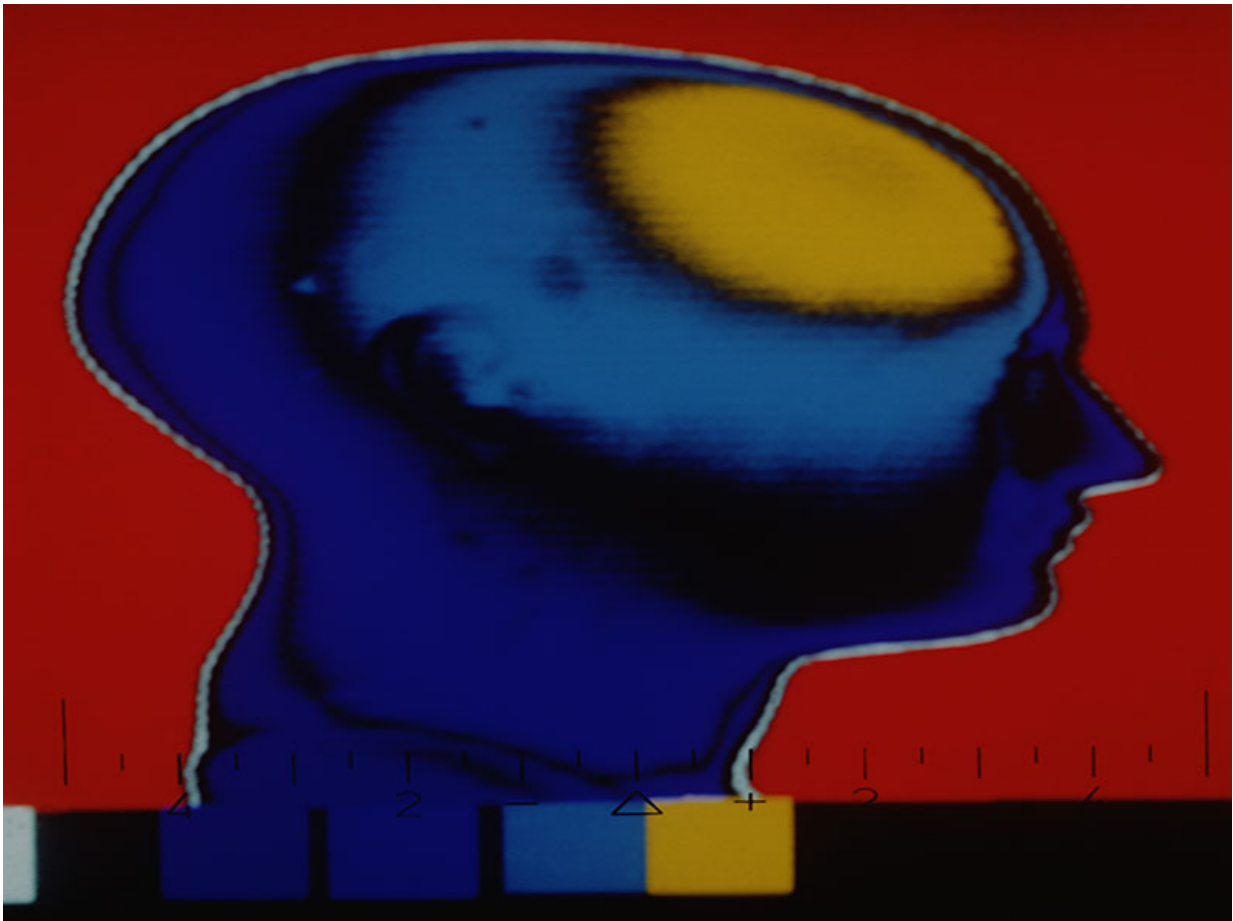


AAO-HNS: improvement in OSA with cranial nerve stimulation

September 12 2017



(HealthDay)—For patients with moderate or severe obstructive sleep

apnea, cranial nerve XII (CNXII) stimulation is associated with significant clinical improvements at one and five years, according to a study presented at the annual meeting of the American Academy of Otolaryngology-Head and Neck Surgery, held from Sept. 10 to 13 in Chicago.

B. Tucker Woodson, M.D., from the Medical College of Wisconsin in Milwaukee, and colleagues examined five-year outcomes of CNXII stimulation in 65 patients enrolled in a prospective study for moderate/severe [obstructive sleep apnea](#). Thirty-seven [patients](#) were withdrawn (29 lost to follow-up or study site closure, five deaths, and three explants).

The researchers found that baseline and one-year to five-year apnea-hypopnea index decreased (median, 29 to 9.4 to 7.0, and mean, 31.3 to 17.1 to 14; $P = 0.001$). There was improvement of

Citation: AAO-HNS: improvement in OSA with cranial nerve stimulation (2017, September 12) retrieved 27 April 2024 from

<https://medicalxpress.com/news/2017-09-aao-hns-osa-cranial-nerve.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
