

Hypoglossal Nerve Stimulation to treat Obstructive Sleep Apnea

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Abstract

Hypoglossal Nerve Stimulation is an emerging therapy for Patients suffering with obstructive sleep apnea, (OSA). Continuous positive airway Pressure, (CPAP), is currently the “gold standard” therapy for OSA, however, a significant proportion of patients, up to 50%, cannot tolerate this therapy. There are numerous surgical options for patients, however, hypoglossal nerve stimulation has been demonstrated to be highly effective in the properly selected patient. Dr Voigt will discuss the clinical indications for hypoglossal nerve stimulation, the pertinent anatomy and physiology related to the procedure, and outcomes data. In addition, He will discuss the newest modifications in techniques. A question and answer session will follow the lecture.

Introduction

Erich P. Voigt, MD is Associate Clinical Professor of Otolaryngology – Head and Neck Surgery and Director of General – Sleep Otolaryngology at NYU Langone Health in NYC. He is a magna cum laude graduate of SUNY – Health Science Center at Brooklyn (Downstate Medical Center). He trained at the combined residency program of Manhattan Eye, Ear and Throat Hospital, New York Weill Cornell University, Lenox Hill Hospital and Memorial Sloan Kettering Cancer Center. He was Chief Resident at Columbia University Medical School. Dr Voigt has been faculty in academic medicine for over 20 years treating countless patients with OSA. He has lectured internationally on numerous subjects including Snoring and Sleep Apnea. He is the host of The ENT SHOW on sirius Xm satellite radio. He is an active surgeon performing Hypoglossal nerve stimulation implantation.

References :

1. Liang, Margaret & Erich, Bryce & Bailey, Charlotte & Jo, Mi-Yeoung & Walsh, Christine & Asher, Arash. (2018). Emerging From the Haze: A Pilot Study Evaluating Feasibility of a Psychoeducational Intervention to Improve Cancer-Related Cognitive Impairment in Gynecologic Cancer Survivors. *Journal of Palliative Care*. 34. 082585971879679. 10.1177/0825859718796794.

Citation : Erich P. Voigt; Hypoglossal Nerve Stimulation to treat Obstructive Sleep Apnea ; Otolaryngology 2021 ; April 30, 2021 ; London , UK.