

Accepted Manuscript

Early feasibility of Hypoglossal Nerve Upper Airway Stimulator in Patients with Cardiac Implantable Electronic Devices and Continuous Positive Airway Pressure-Intolerant Severe Obstructive Sleep Apnea

Valay Parikh, MD, Erica Thaler, MD, Masanari Kato, BS, M. Boyd Gillespie, MD MSc, Shaun Nguyen, MD MA, Kirk Withrow, MD, David Calhoun, MD, Ryan Soose, MD, Damien Stevens, MD, Suzanne Stevens, MD, Chris Larsen, MD, Madhu Reddy, MD, Dhanunjaya Lakkireddy, MD

PII: S1547-5271(18)30361-8

DOI: [10.1016/j.hrthm.2018.04.016](https://doi.org/10.1016/j.hrthm.2018.04.016)

Reference: HRTM 7560

To appear in: *Heart Rhythm*

Received Date: 20 July 2017

Please cite this article as: Parikh V, Thaler E, Kato M, Gillespie MB, Nguyen S, Withrow K, Calhoun D, Soose R, Stevens D, Stevens S, Larsen C, Reddy M, Lakkireddy D, Early feasibility of Hypoglossal Nerve Upper Airway Stimulator in Patients with Cardiac Implantable Electronic Devices and Continuous Positive Airway Pressure-Intolerant Severe Obstructive Sleep Apnea, *Heart Rhythm* (2018), doi: [10.1016/j.hrthm.2018.04.016](https://doi.org/10.1016/j.hrthm.2018.04.016).

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



1 **Early feasibility of Hypoglossal Nerve Upper Airway Stimulator in Patients with**
2 **Cardiac Implantable Electronic Devices and Continuous Positive Airway Pressure-**
3 **Intolerant Severe Obstructive Sleep Apnea**

4

5 Valay Parikh MD¹, Erica Thaler MD², Masanari Kato BS³, M. Boyd Gillespie MD MSc³,
6 Shaun Nguyen MD MA³, Kirk Withrow MD⁴, David Calhoun MD⁴, Ryan Soose MD⁵,
7 Damien Stevens MD¹, Suzanne Stevens MD¹, Chris Larsen MD¹, Madhu Reddy MD¹,
8 Dhanunjaya Lakkireddy MD¹

9

10 ¹Kansas University Medical Center, Kansas, KS; ²University of Pennsylvania,
11 Philadelphia, PA; ³Medical University of South Carolina, Charleston, SC; ⁴University of
12 Alabama, Birmingham, AL; ⁵University of Pittsburgh, Pittsburgh, PA.

13

14 **Running Title:** Hypoglossal Nerve Upper Airway Stimulator with Cardiac Implantable
15 Electronic Devices

16

17 **Section:** Original Research

18 **Word Count:** 3251 words

19 **Corresponding Author:**

20 Dhanunjaya R. Lakkireddy, MD, FACC, FHRS

21 Division of Cardiovascular Diseases, Division of Electrophysiology

22 Cardiovascular Research Institute

23 University of Kansas Medical Center

24 3901 Rainbow Boulevard; MS 3006

Download English Version:

<https://daneshyari.com/en/article/8660104>

Download Persian Version:

<https://daneshyari.com/article/8660104>

[Daneshyari.com](https://daneshyari.com)