Robotic Surgery in Oropharyngeal Space—Targeting Sleep Apnea Syndrome

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Biographical Sketch for Jeffery Scott Magnuson, MD
Prof. Magnuson is board certified in otolaryngology head and neck surgery, and specializes in treating patients with tumors or cancer of the head and neck. He is a pioneer in the field of robotic surgery for the head and neck and has published numerous articles on Trans Oral Robotic Surgery (TORS). Dr. Magnuson is a former Associate Professor and Residency Program Director of Otolaryngology—Head and Neck Surgery at the University of Alabama at Birmingham. He is the current Medical Director of Head and Neck Surgery at Celebration Health and also Director of Robotic Head and Neck Surgery at the Florida Hospital Nicholson Center for Robotic Surgery.

Additional Details about Jeffery Scott Magnuson, MD
Board Certifications: Otolaryngology—American Board of Otolaryngology
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Abstract
Transoral robotic sleep surgery: the obstructive sleep apnea-hypopnea syndrome
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Nocturnal upper airway collapse is often multi-level in nature but typically will involve some degree of obstruction at the level of the tongue-base. Several surgical procedures have been developed in recent years to address this area in patients resistant to continuous positive airway pressure. This article outlines a novel way to treat obstructive sleep apnea lingual obstruction using the Da Vinci robotic surgical system. This technique offers significant potential advantages over the established approaches and it should be included in the surgical armamentarium of sleep surgeons. (April 2014, Otolaryngologic Clinics of North America)

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