

**CURRICULUM VITAE
TOD C. HUNTLEY, M.D.**

Business Address: CENTA: Center for Ear Nose Throat & Allergy, P.C.
12188 A North Meridian Street, Suite 375, Carmel, IN. 46032

Telephone: Business: (317) 926-1056
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EDUCATION:

<u>Medical:</u>	Indiana University School of Medicine MD Indianapolis, IN	1981-1985
<u>Internship:</u>	Methodist Hospital, Indianapolis, IN General Surgery	1985-1987
<u>Residency:</u>	Indiana University School of Medicine Otolaryngology Head and Neck Surgery	1987-1990
<u>Fellowship:</u>	Head and neck surgery, facial cosmetic surgery and microvascular free flap reconstruction of the head & neck Head & Neck Surgery Associates	1990-1991

CURRENT POSITION:

Partner, Center for Ear Nose Throat & Allergy	1991 – Present
Co-director, head and neck oncologic services, St. Vincent Hospitals	1997-- Present

BOARD CERTIFICATION:

Diplomat, American Board of Otolaryngology	1990
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MEDICAL LICENSE:

State of Indiana

ADDITIONAL TRAINING

Advanced sleep apnea surgery; mini fellowship, Stanford University	1991
Care of the professional voice	2000
Minimally invasive techniques for thyroid / parathyroid surgery Univ of Cincinnati, Medical College of GA	2005
Balloon Sinuplasty	2006
Endoscopic anterior skull base surgery	2010
Certification for transaxillary robotic thyroid surgery, Intuitive Surgical, Sunnyvale, CA	2010
Certification for transoral robotic surgery (TORS) Greg Weinstein and Bert O'Malley (Univ. of Pennsylvania)	2010
Proctor, robotic surgery of the head & neck Intuitive Surgical, Sunnyvale, CA	2010

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HOSPITAL AFFILIATIONS (Indianapolis, IN metropolitan area)

St. Vincent Hospital and Health Services
2007-present: Co-director of Head & Neck Surgical Oncology Program
Clarian Hospital Partners
Community Hospitals of Indiana
Seton Specialty Hospital

AREAS OF SPECIAL & ACADEMIC INTEREST

Obstructive sleep apnea—medical and surgical treatment
Research projects in new OSA surgical techniques, including tongue base advancement,
hypoglossal nerve stimulation, and robotic surgery to the tongue base
Minimally invasive head and neck thyroid surgery, including endoscopic and robotic approaches
Minimally invasive thyroid surgery, including endoscopic and robotic approaches;
Instructor / proctor for Intuitive Surgical
Head and neck oncologic surgery with emphasis on microvascular reconstruction of cancer defects
Professional Voice

PROFESSIONAL SOCIETIES:

Fellow, American Academy of Otolaryngology - Head and Neck Surgery
Fellow, American College of Surgeons
American Academy of Sleep Medicine
American Head & Neck Society
International Society of Sleep Surgeons, Founding Member
World Robotic Society
Clinical Robotic Surgical Association
Indiana Academy of Otolaryngology - Head and Neck Surgery
Central Indiana Academy of Otolaryngology-Head and Neck Surgery
Indiana State Medical Association
Indianapolis Medical Society
Marion County Otolaryngology Society

CURRENT ACADEMIC APPOINTMENTS:

Clinical Assistant Professor, Department of Oral Surgery, Indiana University School of Dentistry
Co-director, Head & Neck Oncology Services, St. Vincent Hospitals and Health Systems
Atlanta School of Sleep Medicine and Technology, Atlanta, Georgia
Clinical Instructor, Division of Health Science-Physicians Assistant Program, Butler University
Clinical Instructor, Head and neck surgical fellowship program, Indiana University School of
Medicine, Indianapolis, Indiana
Clinical instructor and surgical proctor, da Vinci transoral robotic surgery and thyroidectomy,
Intuitive Surgical

CURRENT RESEARCH PROJECTS

- Principle investigator: Hypoglossal nerve stimulator implant for obstructive sleep apnea. FDA clinical multicenter trial. Funded by Apnex Medical, Minneapolis, IN
- Principle investigator: Robotic thyroidectomy, a prospective evaluation on arm position and brachial plexus Intraoperative monitoring
- Principle investigator: Transoral robotic surgical (TORS) resection of oropharyngeal malignancies
- Principle investigator: Vagal nerve stimulator implantations: effects on voice and swallowing
- Principle investigator: “Comparison of Multiple Surgical Techniques for Obstructive Sleep Apnea—a Cadaveric Study.”
- Principle investigator: Titratable tongue base suspension for obstructive sleep apnea
- Principle investigator: “Hypoglossal nerve stimulation for obstructive sleep apnea; FDA feasibility study.” Funded by Apnex Medical, Minneapolis, MN

PROFESSIONAL APPOINTMENTS:

- International Society of Sleep Surgeons
 - Founding member; Board of Directors 2006-present
- Indiana Academy of Otolaryngology - Head and Neck Surgery
 - Legislative Director, 1995-1998.
- American Academy of Otolaryngology - Head and Neck Surgery
 - Board of Governors, 1995-1998
 - Legislative Action Committee, 1996-1998
 - Sleep Disorders Committee, 1992-1998, 2006-2007
 - CPT Committee, 1999-2001
- American Academy of Sleep Medicine
 - Surgery Committee 2000-2002
- Indiana State Medical Association
 - Delegate to State Convention, 1996-1998
- St. Vincent Hospital and Health Services
 - Chairman of Head & Neck oncology, 2007-present
 - Cancer Committee, 2007-present
- Methodist Hospital of Indiana
 - Chairman of Otolaryngology Department 1996-2001
 - Maxillofacial Trauma Committee, 1995-2000
 - Quality Assurance Committee, 1995-2000
 - Cancer Committee

HONORS AND AWARDS:

- 2007: American Academy of Otolaryngology-Head & Neck Surgery Certificate of Honor

PUBLICATIONS:

- Freeman SB et al, "Management of Aggressive Cervical Metastasis Using Intraoperative Radiation Therapy, *Laryngoscope* June, 1995
- Huntley TC, Borrowdale R., *Tracheoesophageal Voice Restoration Following Laryngopharyngectomy*, in Tracheoesophageal Voice Restoration by Blom E.D., Singer M.I., and Hamaker R.C., Eds. San Diego, Singular Publishing Group, 1998.
- Huntley TC. "The Uvulopalatal Flap", *Operative Techniques in Otolaryngology-Head and Neck Surgery* 11 (1):30-35, 2000.
- Freeman, SB, Hamaker, RC, Borrowdale R., Huntley TC "Management of Advanced Cervical Metastasis with Carotid Artery Involvement." *Laryngoscope* 114:20-24, 2004
- Woodson BT, Nelson L, Mickelson S, Huntley T, Sher A. "A multi-institutional study of radiofrequency volumetric tissue reduction for OSAS. *Otolaryngol Head Neck Surg.* 2001 Oct;125(4):303-11.
- Sinha CK, Hamaker RC, Freeman SB, Borrowdale RW, Huntley TC. "Utility of preoperative radionuclide scanning for primary hyperparathyroidism. *Laryngoscope.* 1997 Jun;107(6):753-8.
- Freeman SB, Hamaker RC, Rate WR, Garrett PG, Pugh N, Huntley TC, Borrowdale R. "Management of advanced cervical metastasis using intraoperative radiotherapy." *Laryngoscope.* 1995 June;105(6):575-8
- Farrugia MC, Summerlin D, Krowiak E, Huntley T, Freeman S. Osteonecrosis of the Mandible and Maxilla Associated with the use of New Generation Bisphosphonates. *Laryngoscope* 116(1), 115-120, 2006
- Huntley TC. *Transcervical Tongue Base Resection for Obstructive Sleep Apnea*, in Surgical Atlas for Obstructive Sleep Apnea by Friedman, M (ed)
- Huntley TC *The Uvulopalatal Flap Technique of UPPP* in Surgical Atlas for Obstructive Sleep Apnea by Friedman, M (ed)
- Steward D, Woodson T, Huntley T.: A randomized, placebo controlled, double blind study of palatal implants for obstructive sleep apnea, Otolaryngology-Head & Neck Surgery (2008) 139 (4), 506-510.
- Woodson B, Steward D, Mickelson S, Huntley T, Goldberg A: Multicenter study of a novel adjustable tongue-advancement device for obstructive sleep apnea, *Otolaryngology-Head & Neck Surgery* (2010) 143: 585-590
- Huntley T: Tongue base suspension techniques, *Operative Techniques in Otolaryngology-Head and Neck Surgery* (in press)
- Vicini C, Montevicchi F, Tenti G, Canzi P, Dallan I, Huntley T: Trans oral robotic surgery (TORS): Tongue base resection (TBR) and supraglottoplasty (SGP) for obstructive sleep apnea, *Operative Techniques in Otolaryngology-Head and Neck Surgery* (in press)

PRESENTATIONS AND INVITED LECTURES:

- "The free flap foundation for maxillofacial prosthodontic rehabilitation of the head and neck cancer patient" Invited lecture, annual meeting of the American Academy of Maxillofacial Prosthodontics, Orlando, October, 2010

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- “The role of transoral Robotic Surgery (TORS) in the multidisciplinary care of the head and neck cancer patient”, Second World Congress, Clinical Robotic Surgery Association, Chicago, October, 2010
- Panel chairman, “Transoral robotic surgery for oropharyngeal cancer and sleep apnea, state of the art”, Second World Congress, Clinical Robotic Surgery Association, Chicago, October, 2010
- 58th Annual meeting of the American Academy of Otolaryngology-Head & Neck Surgery Foundation, October, 2010, Boston:
- “Intraoperative radiation therapy for advanced cervical node metastases in head & neck cancer” Scientific session, head & neck cancer
 - Miniseminar moderator: “Obstructive sleep apnea surgery: how to select the proper surgery”
 - “Oral appliance therapy for sleep apnea for otolaryngologists” instructional course
 - “Tracheoesophageal voice restoration—trouble shooting and problem solving” instructional course
 - “da Vinci robotic surgery: starting a program in private practice”
- “da Vinci robotic surgery in the head and neck, current state of the art”, South Bend, IN 2010
- “Care of the Professional Voice”, Summer Stock Stage, Indianapolis, IN June, 2010
- “Robotic surgery of the head and neck: a paradigm shifting technology”, Advancements in Otolaryngology, Orlando 2010
- “PET/CT in head and neck cancer surveillance”, Annual meeting of the AOAOOHNS, Orlando, 2010
- “Surgical Resection and Intraoperative Radiation Therapy (IORT) for Advanced or Recurrent Salivary Gland Malignancies” ASPO Annual meeting, Scottsdale, AZ, 2010
- “The lateral oropharynx and its contribution to OSA—surgical treatments” Advanced OSA surgical course, St Louis University, 2010
- “Minimally invasive tongue base advancement” Advanced OSA surgical course, St Louis University, 2010
- “The big gun: maxillofacial surgery for obstructive sleep apnea” American College of Surgeons annual meeting, Oct 2009, Chicago
- “Oral appliance therapy for obstructive sleep apnea”, American Academy of Otolaryngology-Head & Neck Surgery annual meeting, San Diego, 2009
- Panel chairman, “OSA surgery after UPPP: the next step” American Academy of Otolaryngology-Head & Neck Surgery annual meeting, San Diego, 2009
- “Oral cancer: past, present, and future”, Indiana State Dental Association, 2010
- Obstructive sleep apnea lecture series, 3 invited lectures per year, Ascension Health, Sleep Disorders Center, St Vincent Hospital, 2007-2010
- “Minimally invasive thyroid surgery” American Academy of Otolaryngology-Head & Neck Surgery annual meeting, 2009
- “Vocal health for the professional actor”, Indiana Repertory Theatre, Summer Stock Stage Indianapolis, IN 2009
- “New developments in head and neck free flap reconstruction”, St Vincent Hospital, Indianapolis IN, 2009
- “OSA surgery: state of the art” Michigan State Osteopathic ENT Society, 2009
- “Latest developments in the surgical treatment of sleep apnea”, Midwest Sleep Technologists

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- annual meeting, 2008
- “MMA and advanced tongue base surgery in the role of OSA treatment”, Grand Rounds, Indiana University School of Medicine, 2008
- “MIVAT and endoscopic parathyroidectomy” Grand Rounds, Indiana University School of Medicine, 2008
- “Endoscopic Thyroidectomy”, Ethicon Surgical Institute Instructional Course, Cincinnati 2007
- “Surgical Treatment of OSA”, panel discussion, American Academy of Otolaryngology-Head & Neck Surgery Annual Meeting, 2006, Toronto
- “Bisphosphonate Induced Osteonecrosis”, American Academy of Otolaryngology-Head & Neck Surgery Annual Meeting, 2006, Toronto
- “Transcervical, Transcutaneous Tongue Base Resection for OSA”, 2nd International Conference on Sleep Disordered Breathing, Chicago, June, 2006
- “Tongue Base Surgery”, plenary session monitor,” 2nd International Conference on Sleep Disordered Breathing, Chicago, June, 2006
- “Treatment of the Tongue Base—Future Directions”, panel discussion 2nd International Conference on Sleep Disordered Breathing, Chicago, June, 2006
- “Surgical Treatment of OSA”, Operative Techniques in Otolaryngology—The Course, Chicago, June, 2006
- “Treatment of Obstructive Sleep Apnea”, ENT Update, Indianapolis 2006
- “OSA Surgical Techniques”, St. Vincent Hospital Sleep Disorders Center, 2006
- “Maxillomandibular Advancement”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2006
- “Tongue Base Resection Techniques”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2006
- “Surgical Treatment for Severe Sleep Apnea,” Hôpital Foch, Paris, November 2005
- “Revision Surgery for OSA,” Hôpital Foch, Paris, November 2005
- “Tongue Base Resection for OSA”, American Academy of Otolaryngology-Head & Neck Surgery Annual Meeting, 2005, Los Angeles
- “Maxillomandibular Advancement”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2005
- “Tongue Base Resection for OSA—Transoral and Transcervical Techniques”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2005
- “Cardiopulmonary and CNS Consequences of Obstructive Sleep Apnea”, ENT Update, Indianapolis, 2005
- “Maxillomandibular Advancement”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2004
- “Tongue Base Resection for OSA—Technique and Effectiveness”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2004
- “Office Based and Outpatient Treatment of Snoring and Mild OSA”, ENT Update, Indianapolis, 2004
- “Sleep Apnea—Pathophysiology and Treatment”, ENT Update, Indianapolis 2003
- “Maxillomandibular Advancement”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2003
- “Tongue Base Resection Techniques for OSA”, Surgical treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2003
- “Surgical Treatment of the Base of the Tongue for OSA”, Istanbul, Turkey, June 2003

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- “Future Directions in OSA Surgery”, panel discussion, Asian International Conference of Sleep Disordered Breathing, Istanbul, Turkey, June 2003
- “Snoring and Obstructive Sleep Apnea”, ENT Update, Indianapolis 2002
- “Maxillomandibular Advancement”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2002
- “Tongue Base Resection Techniques for OSA”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2002
- “Surgical Treatment of Obstructive Sleep Apnea Syndrome” Sleep Disorders for the New Millennium Conference, Indianapolis, Indiana May 5, 2001
- “Maxillomandibular Advancement”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2001
- “Tongue Base Resection Techniques for OSA”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2001
- “Effects of Somnoplasty on the Upper Airway” “New Treatment Strategies for Obstructive Sleep Apnea” Updates in Otolaryngology Meeting; Stratton, Vermont, March 8, 2001
- “Somnoplasty of the Tongue Base for OSA”, Vaals, Netherlands 2001
- “Radiofrequency Biophysics”, German Otolaryngology Association, Aachen, Germany, 2001
- “Tongue Base Surgical Reduction Using Radiofrequency Techniques—the American Experience”, German Otolaryngology Association, Aachen, Germany 2001
- “Advanced Surgical Techniques for Obstructive Sleep Apnea”, Sleep Disorders for the New Century, Houston, Texas, November 9-10, 2000
- “ENT Masses” Physician Assistants, Butler University, Indianapolis, Indiana October, 2000
- “Sleep Apnea and Related Breathing Disorders” ENT Update, Indianapolis, 2000
- “The Uvulopalatal Flap vs. LAUP in the Treatment of Snoring and Mild Sleep Apnea” Annual Meeting of the American Academy of Otolaryngology/Head and Neck Surgery Meeting, September 2000 Washington D.C.
- “Retrolingual Surgery for Obstructive Sleep Apnea: Tongue Base Resection with Hyoepiglottoplasty” Annual Meeting of the American Academy of Otolaryngology/Head and Neck Surgery Meeting, September 2000 Washington D.C.
- “Radiofrequency Volumetric Tissue Reduction (Somnoplasty) of the Tongue Base for Obstructive Sleep Apnea: Results of a Multicenter Study” Annual Meeting of the American Academy of Otolaryngology/Head and Neck Surgery Meeting, September 2000 Washington D.C.
- “Medicolegal Issues Regarding the Diagnosis and Treatment of Obstructive Sleep Apnea,” Annual Meeting of the American Academy of Otolaryngology/Head and Neck Surgery Meeting, September 2000 Washington D.C.
- “Tongue Base Somnoplasty”, “Workup and Preoperative Assessment of the Obstructive Sleep Apneic Patient”, Annual Meeting of the American Academy of Otolaryngology/Head and Neck Surgery Meeting, September 2000 Washington D.C.
- “Maxillomandibular Advancement”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2000
- “Tongue Base Resection Techniques for OSA”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 2000
- “Retrolingual Surgical Techniques in the Treatment of Obstructive Sleep Apnea”, 4th European Congress of Oto-Rhino-laryngology, Head and Neck Surgery, Berlin, May, 2000
- “Radiofrequency Volumetric Reduction of the Tongue Base”, 4th European Congress of Oto-

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- Rhino-Laryngology, Head and Neck Surgery, Berlin, May 2000
- “Radiofrequency Volumetric Reduction of the Tongue Base and Palate for Obstructive Sleep Apnea,” Grand Rounds, University of Edinburgh, Scotland, September, 1999
- “Snoring and Obstructive Sleep Apnea”, ENT Update, Indianapolis, 1999
- “Maxillomandibular Advancement”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 1999
- “Tongue Base Resection Techniques for OSA”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 1999
- "Tracheoesophageal Voice Restoration Following Total Laryngectomy", Annual Meeting of the American Academy of Otolaryngology/Head and Neck Surgery Meeting, September 1999.
- "Surgical Treatment of Tongue Base Obstruction in Obstructive Sleep Apnea", International Sleep Research Meeting in Germany, “Perry Study Group”, November 1999
- “Neck Masses, Workup and Treatment” Butler University Physicians Assistant Program invited lecture, 1999
- "Phase I Surgery for Treatment of Obstructive Sleep Apnea & Snoring" Indiana University School of Dentistry, November 1998.
- "Surgical Treatment of Snoring and Obstructive Sleep Apnea" ENT Update to Primary Care Physicians, Indianapolis 1998.
- “Maxillomandibular Advancement”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 1998
- “Nasal Surgery for OSA”, Surgical Treatment of Obstructive Sleep Apnea, Atlanta School of Sleep Medicine, 1998
- "Head and Neck Masses" - Clarian Health Physicians Assistants Program, Indianapolis, Indiana, November, 1998.
- Surgical Techniques - Geniohyoid Advancement Demonstration, Instructional Course, Stanford University, September, 1997.
- "Obstructive Sleep Apnea - The Difficult Case" (panel member), American Academy of Otolaryngology - Head and Neck Surgery, September, 1997.
- "Surgical Treatment of Obstructive Sleep Apnea" Grand Rounds, Methodist Hospital, Indianapolis, Indiana, 1977.
- "Surgery for Sleep Disordered Breathing - State of the Art" Grand Rounds, St. Vincent Hospitals, Indianapolis, Indiana, 1997.
- "ENT Masses" Clarian Health/Butler University Physicians Assistants Program, Indianapolis, Indiana, October 1997.
- "Penetrating Trauma to the Head and Neck" Methodist Hospital and Indiana University Departments of Surgery and Emergency Medicine, 1996 and 1997.
- Monthly lectures in Otolaryngology to Internal Medicine Residents, Methodist Hospital, Indianapolis, Indiana, 1996-1998
- "Endoscopic Sinus Surgery", Indianapolis, Indiana, July 1996
- "Recurrent Maxillary Sinus Cancer", Indianapolis, Indiana, September 1995.
- "Advanced Thyroid Cancer", Indianapolis, Indiana, April 1995.
- "Surgery for Obstructive Sleep Apnea", American Association of Polysomnographic Technologists Annual Meeting, February, 1995
- "Free Flap Reconstruction for Head and Neck Cancer", Indiana University Department of Otolaryngology, Indianapolis, Indiana, January 1993.

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“Appropriate Selection of Antibiotics in the Treatment of Upper Respiratory Infections”

Multiple lectures to physician groups, Indianapolis, 2004-2006

Annual lectures to otolaryngology residents at Indiana University, 2000-2006 on obstructive sleep apnea, polysomnogram interpretation, surgery for OSA

Multiple lectures to OR nurses and technicians, Clarian Health Partners, on head and neck surgical techniques, free flap monitoring, and perioperative care 1995-2006

Gland Cell Tumors of the External Auditory Canal, Middle Section Triologic Society, 1996

Primary Hodgkin Disease of the Thyroid Gland, Indianapolis 1995

Fibrous Dysplasia of the Mandible, Indianapolis, 1995

Brachial Cleft Anomalies, American College of Surgeons Annual Meeting, 1987.

Antibiotic Studies in Acute Epiglottitis, American College of Surgeons, Indiana Chapter Annual Meeting, 1987.

CONTINUING MEDICAL EDUCATION:

Available upon request