

# Stanford

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## Robson Capasso, MD

Professor of Otolaryngology - Head & Neck Surgery (OHNS) and, by courtesy, of Psychiatry and Behavioral Sciences (Sleep Medicine)

Otolaryngology - Head & Neck Surgery Divisions

 Curriculum Vitae available Online

### CLINICAL OFFICES

- **Stanford Dept of Otolaryngology, Head and Neck Surgery**

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- **Sleep Disorders Clinic**

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### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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### Bio

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#### BIO

Dr. Capasso is the Chief of Sleep Surgery, Professor of Otolaryngology and Head and Neck Surgery, Associate Dean of Research at Stanford University School of Medicine and Advisor to the Stanford Byers Center for Biodesign. His medical training includes Head and Neck Surgery, Neurosciences and Sleep Medicine. He has done research and published extensively on pre-treatment evaluation and surgical treatment of obstructive sleep apnea and currently his research interests have a focus on clinical utilization of large datasets and consumer-based devices for sleep disordered breathing management. The local and international recognition of this work is often associated with one of his favorite tasks: lecturing and trading knowledge nationally and internationally. He has been a mentor or supervisor to hundreds of medical students, residents, fellows or visiting scholars from more than 30 countries, and dozens of Stanford Biodesign students who developed healthcare companies in the Bay Area, Japan, Brazil and Singapore, with the goal to utilize this acquired experience to foster health innovation training of multidisciplinary teams and engineers with broad impact globally. He is a member of the Stanford Medical Leadership Academy, an initiative to foster the development of innovative leadership across and outside departments at the School of Medicine and in the role of Associate Dean of Research I assist the Dean's office and our CTSA group for the strategic development of translational research.

#### CLINICAL FOCUS

- Sleep Surgery
- Otolaryngology
- Biodesign

#### ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Otolaryngology - Head & Neck Surgery Divisions

- Professor - University Medical Line (By courtesy), Psychiatry and Behavioral Sciences - Sleep Medicine
- Member, Bio-X

### **ADMINISTRATIVE APPOINTMENTS**

- Associate Dean of Research, Stanford Medicine, (2020- present)
- Chief, Division of Sleep Surgery, Stanford University Department of Otolaryngology, Head and Neck Surgery, (2010- present)

### **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Member, American Academy of Otolaryngology (2010 - present)
- Fellow, American Academy of Sleep Medicine (2011 - present)
- Member, Medical Devices and Drugs Committee, American Academy of Otolaryngology-Head & Neck Surgery (2019 - present)
- Board Member at Large, International Sleep Surgery Society (2020 - present)
- Member, Health Information Management Committee, Stanford University School of Medicine (2020 - present)

### **PROFESSIONAL EDUCATION**

- Fellowship, Stanford University , Sleep Medicine (2008)
- Fellowship: Jackson Memorial Hospital (2001) FL
- Residency: Jackson Memorial Hospital/University of Miami (2007) FL
- Board Certification: Sleep Medicine, American Board of Otolaryngology (2009)
- Board Certification: Otolaryngology, American Board of Otolaryngology (2018)
- Board Certification, Otolaryngology Head and Neck Surgery , American Board of Otolaryngology, Head and Neck Surgery (2018)
- Residency: Universidade Federal Do Parana (1999) Brazil
- Medical Education: Universidade Federal Do Parana (1995) Brazil

### **COMMUNITY AND INTERNATIONAL WORK**

- Global Advisor: Biodesign

### **LINKS**

- Sleep Surgery Website: <https://med.stanford.edu/ohns/OHNS-healthcare/sleepsurgery.html>
- Biodesign: <http://biodesign.stanford.edu/bdn/people/20062.jsp>
- Brazil at Silicon Valley: <https://www.brazilatsiliconvalley.com>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>
- OHNS and Biodesign: <https://scopeblog.stanford.edu/2021/02/16/biodesign-and-otolaryngology-team-up-for-hearing-loss-and-other-ear-nose-and-throat-challenges/>

## **Research & Scholarship**

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### **CURRENT RESEARCH AND SCHOLARLY INTERESTS**

Clinically relevant outcomes for OSA Surgery.

Wearables and Digital Health Technologies for Sleep.

Innovative approaches for OSA Management.

Innovation in Sleep and Otolaryngology

## Publications

### PUBLICATIONS

- **Does race-ethnicity affect upper airway stimulation adherence and treatment outcome of obstructive sleep apnea?** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Khan, M., Stone, A., Soose, R. J., Cohen, S. M., Howard, J., Capasso, R., Itayem, D., Gillespie, M. B., Mehra, R., Chio, E., Strollo, P. J., Menzl, A., Kaplan, et al  
2022
- **Patient and family experience with telemedicine and in-person pediatric and obstetric ambulatory encounters throughout 2020, during the COVID-19 epidemic: the distance effect.** *BMC health services research*  
Marques, S., Cruz, J. A., da Cunha, M. A., Tuon, F. F., de Moraes, T. P., Daiane Zdziarski, A., Bomher, S. T., Donnelly, L. F., Capasso, R.  
2022; 22 (1): 659
- **Body mass index is superior to other body adiposity indexes in predicting incident hypertension in a highly admixed sample after 10-year follow-up: The Baependi Heart Study.** *Journal of clinical hypertension (Greenwich, Conn.)*  
Maciel de Oliveira, C., Franca da Rosa, F., de Oliveira Alvim, R., Mourao Junior, C. A., Bacells, M., Liu, C., Pavani, J., Capasso, R., Lavezzo Dias, F. A., Eduardo Krieger, J., Costa Pereira, A.  
2022
- **Incidence and risk factors of chronic opioid use after sleep apnea surgery.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Abdelwahab, M., Marques, S., Howard, J., Huang, A., Lechner, M., Olds, C., Capasso, R.  
2022
- **A Minimally Invasive Nasal Endoscopic Approach to Distraction Osteogenesis Maxillary Expansion to Restore Nasal Breathing for Adults with Narrow Maxilla.** *Facial plastic surgery & aesthetic medicine*  
Liu, S. Y., Ibrahim, B., Abdelwahab, M., Chou, C., Capasso, R., Yoon, A.  
2022
- **Surgical procedure and treatment results of pharyngoplasty CWICKs for obstructive sleep apnea.** *Auris, nasus, larynx*  
Inoue, D., Chiba, S., Kondo, M., Ikeda, K., Watanabe, S., Kitamura, K., Yagi, T., Tar, T. S., Capasso, R.  
1800
- **Comparing different metabolic indexes to predict type 2 diabetes mellitus in a five years follow-up cohort: The Baependi Heart Study.** *PloS one*  
de Oliveira, C. M., Pavani, J. L., Liu, C., Balcells, M., Capasso, R., Alvim, R. d., Mourao-Junior, C. A., Krieger, J. E., Pereira, A. C.  
2022; 17 (6): e0267723
- **Racial Disparities in Surgical Treatment of Obstructive Sleep Apnea.** *OTO open*  
Cohen, S. M., Howard, J. J., Jin, M. C., Qian, J., Capasso, R.  
2022; 6 (1): 2473974X221088870
- **Comparison Between Surgery and Continuous Positive Airway Pressure for Obstructive Sleep Apnea Treatment-Reply.** *JAMA otolaryngology-- head & neck surgery*  
Ibrahim, B., Capasso, R.  
2021
- **Upper airway collapse characteristics in adult patients with OSA and previous tonsillectomy.** *Sleep & breathing = Schlaf & Atmung*  
Zhao, C., Viana, A., Ma, Y., Capasso, R.  
2021
- **A Comprehensive Strategy for Improving Nasal Outcomes after Large Maxillomandibular Advancement for Obstructive Sleep Apnea.** *Facial plastic surgery & aesthetic medicine*  
Abdelwahab, M., Poomkonsarn, S., Ren, X., Awad, M., Capasso, R., Riley, R., Most, S., Liu, S. Y.  
2021
- **Virtual otolaryngologic management of sleep apnea patients: Lessons learned from COVID-19 pandemic.** *Laryngoscope investigative otolaryngology*  
Huntley, C., Boon, M., Ishman, S., Capasso, R., Crawford, J., D'Agostino, M. A., Hoff, P.  
2021; 6 (3): 564-569

- **Virtual otolaryngologic management of sleep apnea patients: Lessons learned from COVID-19 pandemic** *LARYNGOSCOPE INVESTIGATIVE OTOLARYNGOLOGY*  
Huntley, C., Boon, M., Ishman, S., Capasso, R., Crawford, J., D'Agostino, M. A., Hoff, P.  
2021
- **The Impact of Maxillary Expansion on Adults' Nasal Breathing: A Systematic Review and Meta-Analysis.** *American journal of rhinology & allergy*  
Calvo-Henriquez, C., Megias-Barrera, J., Chiesa-Estomba, C., Lechien, J. R., Maldonado Alvarado, B., Ibrahim, B., Suarez-Quintanilla, D., Kahn, S., Capasso, R.  
2021: 1945892421995350
- **Association of Systemic Diseases With Surgical Treatment for Obstructive Sleep Apnea Compared With Continuous Positive Airway Pressure.** *JAMA otolaryngology-- head & neck surgery*  
Ibrahim, B., de Freitas Mendonca, M. I., Gombar, S., Callahan, A., Jung, K., Capasso, R.  
2021
- **Perioperative Antibiotic Use in Sleep Surgery: Clinical Relevance.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Abdelwahab, M., Marques, S., Previdelli, I., Capasso, R.  
2021: 1945998211048745
- **Integrated single-cell transcriptomics and epigenomics reveals strong germinal center-associated etiology of autoimmune risk loci.** *Science immunology*  
King, H. W., Wells, K. L., Shipony, Z., Kathiria, A. S., Wagar, L. E., Lareau, C., Orban, N., Capasso, R., Davis, M. M., Steinmetz, L. M., James, L. K., Greenleaf, W. J.  
2021; 6 (64): eabh3768
- **Insights into Friedman stage II and III OSA patients through drug-induced sleep endoscopy** *JOURNAL OF THORACIC DISEASE*  
Zhao, C., Viana, A., Ma, Y., Capasso, R.  
2020; 12 (7): 3663–72
- **Insights into Friedman stage II and III OSA patients through drug-induced sleep endoscopy.** *Journal of thoracic disease*  
Zhao, C., Viana, A., Ma, Y., Capasso, R.  
2020; 12 (7): 3663-3672
- **Ethyl alcohol threshold test: a fast, reliable and affordable olfactory Assessment tool for COVID-19 patients.** *European archives of oto-rhino-laryngology : official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS) : affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery*  
Calvo-Henriquez, C., Maldonado-Alvarado, B., Chiesa-Estomba, C., Rivero-Fernandez, I., Sanz-Rodriguez, M., Villarreal, I. M., Rodriguez-Iglesias, M., Marino-Sanchez, F., Rivero-de-Aguilar, A., Lechien, J. R., Martinez-Capoccioni, G., Saussez, S., Capasso, et al  
2020
- **The role of pediatric maxillary expansion on nasal breathing. A systematic review and metanalysis.** *International journal of pediatric otorhinolaryngology*  
Calvo-Henriquez, C., Capasso, R., Chiesa-Estomba, C., Liu, S. Y., Martins-Neves, S., Castedo, E., O'Connor-Reina, C., Ruano-Ravina, A., Kahn, S.  
2020; 135: 110139
- **Safeness, subjective and objective changes after turbinate surgery in pediatric patients: A systematic review.** *International journal of pediatric otorhinolaryngology*  
Calvo-Henriquez, C., Capasso, R., Martinez-Capoccioni, G., Rangel-Chaves, J., Liu, S. Y., O'Connor-Reina, C., Lechien, J. R., Martin-Martin, C.  
2020; 135: 110128
- **The Value of Oxygen Desaturation Index for Diagnosing Obstructive Sleep Apnea: A Systematic Review.** *The Laryngoscope*  
Rashid, N. H., Zaghi, S., Scapuccin, M., Camacho, M., Certal, V., Capasso, R.  
2020
- **Skeletal Surgery for Obstructive Sleep Apnea.** *Otolaryngologic clinics of North America*  
Awad, M., Capasso, R.  
2020
- **Otolaryngology during COVID-19: Preventive care and precautionary measures.** *American journal of otolaryngology*  
Zhao, C., Viana, A. J., Wang, Y., Wei, H., Yan, A., Capasso, R.  
2020: 102508
- **Palatopharyngoplasty Resolves Concentric Collapse in Patients Ineligible for Upper Airway Stimulation.** *The Laryngoscope*

- Liu, S. Y., Hutz, M. J., Poomkonsarn, S., Chang, C. P., Awad, M., Capasso, R.  
2020
- **High Tongue Position is a Risk Factor for Upper Airway Concentric Collapse in Obstructive Sleep Apnea: Observation Through Sleep Endoscopy** *NATURE AND SCIENCE OF SLEEP*  
Zhao, C., Viana, A., Ma, Y., Capasso, R.  
2020; 12: 767–74
  - **New Medical Device and Therapeutic Approvals in Otolaryngology: State of the Art Review of 2019.** *OTO open*  
Rameau, A. n., Hong, R. S., Djalilian, H. n., Erbele, I. D., Phillips, K. M., Capasso, R. n., Rose, A. S., Brenner, M. J., Santa Maria, P. L.  
2020; 4 (2): 2473974X20932506
  - **Genial tubercle position and genioglossus advancement in obstructive sleep apnea (OSA) treatment: a systematic review.** *Maxillofacial plastic and reconstructive surgery*  
Chang, E. T., Kwon, Y. D., Jung, J., Capasso, R., Riley, R., Liu, S. C., Camacho, M.  
2019; 41 (1): 34
  - **Genial tubercle position and genioglossus advancement in obstructive sleep apnea (OSA) treatment: a systematic review** *MAXILLOFACIAL PLASTIC AND RECONSTRUCTIVE SURGERY*  
Chang, E. T., Kwon, Y., Jung, J., Capasso, R., Riley, R., Liu, S. C., Camacho, M.  
2019; 41 (1)
  - **Nasal function and CPAP compliance** *AURIS NASUS LARYNX*  
Inoue, A., Chiba, S., Matsuura, K., Osafune, H., Capasso, R., Wada, K.  
2019; 46 (4): 548–58
  - **Clinical Trials in Obstructive Sleep Apnea: Recognizing Trends and Future Opportunities**  
Singh, S. K., Gu, D., Capasso, R., Liu, S., Gouveia, C. J.  
WILEY.2019: 1940–44
  - **THE EFFECT OF SLEEPING POSITION ON THE EFFICACY OF HYPOGLOSSAL NERVE STIMULATION**  
Chou, C., Poomkonsarn, S., Liu, S. Y., Capasso, R., Doring, E.  
OXFORD UNIV PRESS INC.2019
  - **The Role of the Revised Stanford Protocol in Today's Precision Medicine.** *Sleep medicine clinics*  
Liu, S. Y., Awad, M., Riley, R., Capasso, R.  
2019; 14 (1): 99–107
  - **Tonsillectomy and Pharyngoplasty: Tissue-Preserving Techniques.** *Atlas of the oral and maxillofacial surgery clinics of North America*  
Awad, M., Gouveia, C., Capasso, R., Liu, S. Y.  
2019; 27 (1): 17–22
  - **Non-steady State Modeling of the Ventilatory Depressant Effect of Remifentanyl in Awake Patients Experiencing Moderate-to-severe Obstructive Sleep Apnea** *ANESTHESIOLOGY*  
Doufas, A. G., Shafer, S. L., Rashid, N., Kushida, C. A., Capasso, R.  
2019; 130 (2): 213–26
  - **The Effect of Sedating Agents on Drug-Induced Sleep Endoscopy Findings** *LARYNGOSCOPE*  
Viana, A., Zhao, C., Rosa, T., Couto, A., Neves, D., Araujo-Melo, M., Capasso, R.  
2019; 129 (2): 506–13
  - **Drug-Induced Sleep Endoscopy and Surgical Outcomes: A Multicenter Cohort Study.** *The Laryngoscope*  
Green, K. K., Kent, D. T., D'Agostino, M. A., Hoff, P. T., Lin, H., Soose, R. J., Boyd Gillespie, M., Yaremchuk, K. L., Carrasco-Llatas, M., Tucker Woodson, B., Jacobowitz, O., Thaler, E. R., Barrera, et al  
2018
  - **Nasal function and CPAP compliance.** *Auris, nasus, larynx*  
Inoue, A., Chiba, S., Matsuura, K., Osafune, H., Capasso, R., Wada, K.  
2018
  - **An Extended Hackathon Model for Collaborative Education in Medical Innovation** *JOURNAL OF MEDICAL SYSTEMS*

- Wang, J. K., Pamnani, R. D., Capasso, R., Chang, R. T.  
2018; 42 (12)
- **Thirty-five alternatives to positive airway pressure therapy for obstructive sleep apnea: an overview of meta-analyses.** *Expert review of respiratory medicine*  
Camacho, M., Chang, E. T., Neighbors, C. L., Noller, M. W., Mack, D., Capasso, R., Kushida, C. A.  
2018; 12 (11): 919–29
  - **The effect of aging on drug-induced sleep endoscopy findings** *LARYNGOSCOPE*  
Zhao, C., Viana, A., Ma, Y., Capasso, R.  
2018; 128 (11): 2644–50
  - **An Extended Hackathon Model for Collaborative Education in Medical Innovation.** *Journal of medical systems*  
Wang, J. K., Pamnani, R. D., Capasso, R., Chang, R. T.  
2018; 42 (12): 239
  - **Clinical Trials in Obstructive Sleep Apnea: Recognizing Trends and Future Opportunities.** *The Laryngoscope*  
Singh, S. K., Gu, D., Capasso, R., Liu, S., Gouveia, C. J.  
2018
  - **Non-steady State Modeling of the Ventilatory Depressant Effect of Remifentanyl in Awake Patients Experiencing Moderate-to-severe Obstructive Sleep Apnea.** *Anesthesiology*  
Doufas, A. G., Shafer, S. L., Rashid, N. H., Kushida, C. A., Capasso, R.  
2018
  - **Digital Health and Sleep-Disordered Breathing: A Systematic Review and Meta-Analysis.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Rosa, T., Bellardi, K., Viana, A. J., Ma, Y., Capasso, R.  
2018; 14 (9): 1605–20
  - **YouTube as a source of information for obstructive sleep apnea** *AMERICAN JOURNAL OF OTOLARYNGOLOGY*  
Singh, S. K., Liu, S., Capasso, R., Kern, R. C., Gouveia, C. J.  
2018; 39 (4): 378–82
  - **Epithelial separation theory for post-tonsillectomy secondary hemorrhage: evidence in a mouse model and potential heparin-binding epidermal growth factor-like growth factor therapy** *EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY*  
Beswick, D. M., Santa Maria, C., Ayoub, N. F., Capasso, R., Santa Maria, P.  
2018; 275 (2): 569–78
  - **Publication trends and levels of evidence in obstructive sleep apnea literature.** *The Laryngoscope*  
Gouveia, C. J., Zaghi, S. n., Awad, M. n., Camacho, M. n., Liu, S. Y., Capasso, R. n., Kern, R. C.  
2018
  - **Integrating the Divided Nasal Cannula Into Routine Polysomnography to Assess Nasal Cycle: Feasibility and Effect on Outcomes** *JOURNAL OF CLINICAL SLEEP MEDICINE*  
Scapuccin, M., Schneider, L., Rashid, N., Zaghi, S., Rosa, T., Tsuo, Y., Liu, S., Lazarini, P., Capasso, R., Ruoff, C.  
2018; 14 (4): 641–50
  - **Genial tubercle advancement and genioplasty for obstructive sleep apnea: A systematic review and meta-analysis** *LARYNGOSCOPE*  
Song, S. A., Chang, E. T., Certal, V., Del Do, M., Zaghi, S., Liu, S. Y., Capasso, R., Camacho, M.  
2017; 127 (4): 984-992
  - **The state of academic sleep surgery: A survey of United States residency and fellowship programs.** *Laryngoscope*  
Gouveia, C. J., Kern, R. C., Liu, S. Y., Capasso, R.  
2017
  - **Sleep surgery tool: A medical checklist to review prior to operating.** *Journal of cranio-maxillo-facial surgery : official publication of the European Association for Cranio-Maxillo-Facial Surgery*  
Camacho, M., Riley, R. W., Capasso, R., O'Connor, P., Chang, E. T., Reckley, L. K., Guilleminault, C.  
2017; 45 (3): 381-386
  - **Impact of Continuous Positive Airway Pressure in Patients with Obstructive Sleep Apnea During Drug Induced Sleep Endoscopy.** *Clinical otolaryngology*

- Torre, C., Liu, S. Y., Kushida, C. A., Nekhendzy, V., Huon, L., Capasso, R.  
2017
- **Sleep Surgery in the Elderly.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Gouveia, C. J., Cramer, J. D., Liu, S. Y., Capasso, R.  
2017: 194599817691475-?
  - **Dexmedetomidine versus propofol during drug-induced sleep endoscopy and sedation: a systematic review.** *Sleep & breathing = Schlaf & Atmung*  
Chang, E. T., Certal, V., Song, S. A., Zaghi, S., Carrasco-Llatas, M., Torre, C., Capasso, R., Camacho, M.  
2017
  - **Tongue retaining devices for obstructive sleep apnea: A systematic review and meta-analysis.** *American journal of otolaryngology*  
Chang, E. T., Fernandez-Salvador, C., Giambo, J., Nesbitt, B., Liu, S. Y., Capasso, R., Kushida, C. A., Camacho, M.  
2017
  - **Introducing a new concept in obstructive sleep apnea: The continuum of treatment.** *Cranio : the journal of craniomandibular practice*  
Certal, V., Camacho, M., Song, S. A., Capasso, R.  
2017; 35 (1): 1-2
  - **Nocturnal Hypoxemia is Associated With Low Testosterone Levels in Overweight Males and Older Men With Normal Weight** *JOURNAL OF CLINICAL SLEEP MEDICINE*  
Viana, A., Daflon, A., Couto, A., Neves, D., de Araujo-Melo, M., Capasso, R.  
2017; 13 (12): 1395-1401
  - **Static craniofacial measurements and dynamic airway collapse patterns associated with severe obstructive sleep apnoea: a sleep MRI study** *CLINICAL OTOLARYNGOLOGY*  
Liu, S. Y., Huon, L., Lo, M., Chang, Y., Capasso, R., Chen, Y., Shih, T. T., Wang, P.  
2016; 41 (6): 700-706
  - **Long-Term Outcomes of Radiofrequency Ablation of the Inferior Turbinates.** *Indian journal of otolaryngology and head and neck surgery : official publication of the Association of Otolaryngologists of India*  
Means, C., Camacho, M., Capasso, R.  
2016; 68 (4): 424-428
  - **Genial tubercle advancement and genioplasty for obstructive sleep apnea: A systematic review and meta-analysis.** *Laryngoscope*  
Song, S. A., Chang, E. T., Certal, V., Del Do, M., Zaghi, S., Liu, S. Y., Capasso, R., Camacho, M.  
2016
  - **Risk factors for sleep impairment in adult patients with chronic rhinosinusitis** *AURIS NASUS LARYNX*  
Ando, Y., Chiba, S., Capasso, R., Okushi, T., Kojima, H., Otori, N., Wada, K.  
2016; 43 (4): 418-421
  - **Variable Findings for Drug-Induced Sleep Endoscopy in Obstructive Sleep Apnea with Propofol versus Dexmedetomidine.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Capasso, R., Rosa, T., Tsou, D. Y., Nekhendzy, V., Drover, D., Collins, J., Zaghi, S., Camacho, M.  
2016; 154 (4): 765-770
  - **Awake examination versus DISE for surgical decision making in patients with OSA: A systematic review.** *Laryngoscope*  
Certal, V. F., Pratas, R., Guimarães, L., Lugo, R., Tsou, Y., Camacho, M., Capasso, R.  
2016; 126 (3): 768-774
  - **Epiglottis collapse in adult obstructive sleep apnea: A systematic review.** *Laryngoscope*  
Torre, C., Camacho, M., Liu, S. Y., Huon, L., Capasso, R.  
2016; 126 (2): 515-523
  - **Five-Minute Awake Snoring Test for Determining CPAP Pressures (Five-Minute CPAP Test): A Pilot Study.** *Sleep disorders*  
Camacho, M., Ruoff, C. M., Kawai, M., Modi, R., Arbee, J., Hekmat, A., Robertson, M., Zaghi, S., Certal, V., Capasso, R., Kushida, C. A.  
2016; 2016: 7380874-?
  - **Five-Minute Awake Snoring Test for Determining CPAP Pressures (Five-Minute CPAP Test): A Pilot Study** *Sleep Disorders*  
Camacho, M., Ruoff, C. M., Kawai, M., Modi, R., Arbee, J., Hekmat, A., Robertson, M., Zaghi, S., Certal, V., Capasso, R., Kushida, C. A.

2016; 2016: 8

- **Efficacy of Maxillomandibular Advancement Examined with Drug-Induced Sleep Endoscopy and Computational Fluid Dynamics Airflow Modeling** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*  
Liu, S. Y., Huon, L., Iwasaki, T., Yoon, A., Riley, R., Powell, N., Torre, C., Capasso, R.  
2016; 154 (1): 189-195
- **Treatment of Snoring with a Nasopharyngeal Airway Tube.** *Case reports in medicine*  
Camacho, M., Chang, E. T., Fernandez-Salvador, C., Capasso, R.  
2016; 2016: 3628716-?
- **Predictors of Nasal Obstruction: Quantification and Assessment Using Multiple Grading Scales.** *Plastic surgery international*  
Camacho, M., Zaghi, S., Certal, V., Abdullatif, J., Modi, R., Sridhara, S., Tolisano, A. M., Chang, E. T., Cable, B. B., Capasso, R.  
2016; 2016: 6945297-?
- **Model for Prediction of Pediatric OSA: Proposal for a Clinical Decision Rule** *LARYNGOSCOPE*  
Certal, V., Silva, H., Carvalho, C., Costa-Pereira, A., Azevedo, I., Winck, J., Capasso, R., Camacho, M.  
2015; 125 (12): 2823-2827
- **Lateral pharyngeal wall collapse associated with hypoxemia in obstructive sleep apnea.** *Laryngoscope*  
Lan, M., Liu, S. Y., Lan, M., Modi, R., Capasso, R.  
2015; 125 (10): 2408-2412
- **Smartphone apps for snoring** *JOURNAL OF LARYNGOLOGY AND OTOTOLOGY*  
Camacho, M., Robertson, M., ABDULLATIF, J., Certal, V., Kram, Y. A., Ruoff, C. M., Brietzke, S. E., Capasso, R.  
2015; 129 (10): 974-979
- **Large maxillomandibular advancements for obstructive sleep apnea: An operative technique evolved over 30 years.** *Journal of cranio-maxillo-facial surgery*  
Camacho, M., Liu, S. Y., Certal, V., Capasso, R., Powell, N. B., Riley, R. W.  
2015; 43 (7): 1113-1118
- **Lateral Pharyngeal Wall Tension After Maxillomandibular Advancement for Obstructive Sleep Apnea Is a Marker for Surgical Success: Observations From Drug-Induced Sleep Endoscopy.** *Journal of oral and maxillofacial surgery*  
Liu, S. Y., Huon, L., Powell, N. B., Riley, R., Cho, H. G., Torre, C., Capasso, R.  
2015; 73 (8): 1575-1582
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