

William C Yao, MD
Assistant Professor
University of Texas McGovern Medical School at Houston
Department of Otorhinolaryngology – Head and Neck Surgery
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BIRTHDATE: 7/21/1982

CITIZENSHIP: USA

UNDERGRADUATE EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA) 9/2000 - 6/2004

- B.S. Physiological Sciences
- Minor: East Asian Languages and Culture

GRADUATE EDUCATION

UNIVERSITY OF COLORADO SCHOOL OF MEDICINE 8/2005 –
5/2009

POSTGRADUATE TRAINING

RESIDENCY

BAYLOR COLLEGE OF MEDICINE 7/2009 –
6/2014
Otolaryngology - head and neck surgery

FELLOWSHIP

MASSACHUSETTS EYE & EAR INFIRMARY/HARVARD UNIVERSITY 7/2014 –
6/2015
Rhinology and Anterior skull base surgery
MENTORS: Ralph Metson, Eric Holbrook, Stacey Gray, Benjamin Bleier

ADDITIONAL COURSES

Clinical Safety and Effectiveness Program 9/2016
Memorial Hermann – Texas Medical Center, McGovern Medical School, Houston, TX

ACADEMIC & ADMINISTRATIVE APPOINTMENTS

ASSISTANT PROFESSOR 7/2015-Current
DEPARTMENT OF OTORHINOLARYNGOLOGY - HNS
UNIVERSITY OF TEXAS MCGOVERN MEDICAL SCHOOL – HOUSTON

RHINOLOGY FELLOWSHIP CO-DIRECTOR 7/2015-Current
TEXAS SINUS INSTITUTE
DEPARTMENT OF OTORHINOLARYNGOLOGY - HNS
UNIVERSITY OF TEXAS MCGOVERN MEDICAL SCHOOL – HOUSTON

ASSISTANT RESIDENCY PROGRAM DIRECTOR 7/2017-Current
DEPARTMENT OF OTORHINOLARYNGOLOGY - HNS

HOSPITAL APPOINTMENTS

ATTENDING SURGEON
MEMORIAL HERMANN HOSPITAL – TMC
HOUSTON, TX

7/2015-Current

ATTENDING SURGEON
LYNDON B JOHNSON GENERAL HOSPITAL
HOUSTON, TX

7/2015-Current

LICENSURE

USMLE Steps 1/2/3: Passed

Texas Medical Board Full License

- Q3315
- Date of Issuance: 02/13/2015
- Date of Expiration: 02/28/2017

National Provider Identification: 1831429893

DEA TX: FY5147916

DPS TX: 10215200

BOARD CERTIFICATION

American Board of Otolaryngology Certification

- ID: 22600
- Date of Issuance: 6/1/2015
- Date of Expiration: 6/30/2025

PROFESSIONAL ORGANIZATIONS

LOCAL

Harris County Medical Society
Houston Society of Otolaryngology

REGIONAL

Texas Medical Association
Texas Association of Otolaryngology

NATIONAL

American Academy of Otolaryngology

- Rhinology and Paranasal Sinus Committee Member– 10/1/2015-9/30/2016
- Skull Base Surgery Committee Member – 10/1/2015-9/30/2016
- Rhinology & Allergy Education Committee Member – 10/1/2015-9/30/2016, 10/2018
- Young Physician Section **Elected Official** – Secretary – 10/1/2017-10/10/2018

American Rhinologic Society

- Awards Committee Member– 9/1/2015 – 9/30/2016
- Membership Committee – 9/1/2016-current
- Programming Committee – 9/1/2017 – current

Triologic Society

- Postgraduate Member

European Rhinologic Society

Alpha Omega Alpha National Honor Society

American College of Surgeons

Society of University Otolaryngologists

HONORS AND AWARDS

- Phi Beta Kappa Society (2004)
- American Heart Association Western States Affiliate Medical Student Research Award (2006)
- Alpha Omega Alpha National Honor Society (2008)
- 1st place poster in Otolaryngology/Neurotology at the Triologic Society Combined Sections Meeting, Scottsdale, AZ, 1/2013
- Baylor College of Medicine Resident Teaching Award 2014
- UT McGovern Medical School Dean’s Teaching Excellence Award 2016-2017, 2017-2018, 2018-2019
- UT McGovern Medical School Faculty Member of the Year Award 2016-2017
- Super Doctor, Key Professional Media, Inc. 2018, 2019
- Houstonia Top Doctors, 2018

EDITORIAL POSITIONS

Otolaryngology – Head and Neck Surgery

- Reviewer 2015-current

American Journal of Rhinology and Allergy

- Reviewer 2015-current

International Forum of Allergy & Rhinology

- Reviewer 2017-current

Laryngoscope

- Reviewer 2015-current

Laryngoscope Investigative Otolaryngology

- Reviewer 2017-current

Annals of Otolaryngology, Rhinology & Laryngology

- Reviewer
 - Editorial Board
- 2017-current
- Irish Journal of Medical Science**
- Reviewer
- 2015-current
- Operative Techniques in Otolaryngology**
- Editorial Board
 - Guest Editor
- 2017-current
2016-2017

SERVICE ON THE UT McGOVERN MEDICAL SCHOOL COMMITTEES

- RESIDENCY CLINICAL COMPETENCY COMMITTEE** **7/2015-Current**
CHAIR
 DEPARTMENT OF OTORHINOLARYNGOLOGY
 UNIVERSITY OF TEXAS McGOVERN MEDICAL SCHOOL, HOUSTON, TX
- TEXAS HILL COUNTRY ENT SYMPOSIUM PLANNING COMMITTEE** **7/2015-3/2016**
 DEPARTMENT OF OTORHINOLARYNGOLOGY
 UNIVERSITY OF TEXAS McGOVERN MEDICAL SCHOOL, HOUSTON, TX
- OTOLARYNGOLOGY ENT RESIDENCY INTERVIEW COMMITTEE** **7/2015-Current**
 DEPARTMENT OF OTORHINOLARYNGOLOGY
 UNIVERSITY OF TEXAS McGOVERN MEDICAL SCHOOL, HOUSTON, TX
- LONESTAR RHINOLOGY & RHINOPLASTY PLANNING COMMITTEE** **7/2016-11/2017**
 DEPARTMENT OF OTORHINOLARYNGOLOGY
 UNIVERSITY OF TEXAS McGOVERN MEDICAL SCHOOL, HOUSTON, TX
- MCGOVERN MEDICAL SCHOOL INTERVIEW COMMITTEE** **10/2017-Current**
 DEPARTMENT OF OTORHINOLARYNGOLOGY
 UNIVERSITY OF TEXAS McGOVERN MEDICAL SCHOOL, HOUSTON, TX

CURRENT TEACHING RESPONSIBILITIES

- LECTURER FACULTY TEACHING CONFERENCE** **7/2015-Current**
 DEPARTMENT OF OTORHINOLARYNGOLOGY
 UNIVERSITY OF TEXAS MEDICAL SCHOOL
- MEDICAL STUDENT PRECEPTORSHIP** **7/2015-Current**
 DEPARTMENT OF OTORHINOLARYNGOLOGY
 UNIVERSITY OF TEXAS MEDICAL SCHOOL IN HOUSTON
- RESIDENT SUPERVISION, RHINOLOGY CLINICS AND OPERATING ROOM**
 10 Residents/1 Fellow
 5 days a week/year round
- FACULTY TEACHING CONFERENCE**
 various rhinologic issues to Otolaryngology residents
 1 hour twice a year, 8 – 10 residents in attendance, 2008 – present

FACULTY FACILITATOR FOR JOURNAL CLUB AND/OR GRAND ROUND

Various rhinologic issues to Otolaryngology residents and interested medical students,
2-3 hour about 3 times a year, 2015 – present

FACULTY FACILITATOR OF RHINOLOGY ROUNDS

Review CT sinus scans of OR cases scheduled for the upcoming week
2015 – present

CURRENT CLINICAL SERVICE RESPONSIBILITIES

ATTENDING SURGEON

MEMORIAL HERMANN HOSPITAL – TMC
HOUSTON, TX

7/2015-Current

ATTENDING SURGEON

LYNDON B JOHNSON GENERAL HOSPITAL
HOUSTON, TX

7/2015-Current

SPONSORSHIP OF CLINICAL RHINOLOGY FELLOWS

Kent Lam, M.D., 2015 – 2016
Michael Marino, M.D., 2016 – 2017
Alok Saini, M.D., 2017 – 2018
Jason Talmadge, M.D., 2018-2019
Isaac Schmale, MD, 2019-present

SPONSORSHIP OF CANDIDATES DURING RESEARCH ROTATIONS

Summer Research Program 2018 for MS1
Shaina Gong, BS – Olfaction following Resection of Bilateral Superior Turbinate
utilizing Sniffin Sticks

RESEARCH

Principal Investigator: Phase 3 industry sponsored clinical trial. Optinose, Inc.

INDUSTRY RELATED WORK

Speaker’s Bureau: OPTINOSE INC.

3/2018-Current

Consultant: Stryker Instruments, Inc

5/2019 - Current

JOURNAL PUBLICATION

Whiting D, Hsieh G, Yun JJ, Banerji A, **Yao W**, Fishbein MC, Belperio J, Strieter RM, Bonavida B, Ardehali A. Chemokine monokine induced by IFN-gamma/CXC chemokine ligand 9 stimulates T lymphocyte proliferation and effector cytokine production. J Immunol. 2004 Jun 15;172(12):7417-24.

Schnickel GT, Whiting D, Hsieh GR, Yun JJ, Fischbein MP, Fishbein MC, **Yao W**, Shafizadeh A, Ardehali A. CD8 Lymphocytes are sufficient for the development of chronic rejection. Transplantation 2004;78(11):1634-1639

Ramakrishnan VR, **Yao W**, Campana J. Improved skin paddle survival in pectoralis major Myocutaneous flap reconstruction of head and neck defects. *Archives of Facial Plastic Surgery* 2009; 11(5): 306-310

Yao W, Davidson RS, Durairaj VD, Gelston CD. Dry eye syndrome: an update in office management. *Am J Med.* 2011 Nov;124(11):1016-8.

Suzuki C, Nakagawa T, **Yao W**, Sakamoto T, Ito J. The need for intranasal packing in endoscopic sinus surgery. *Acta Otolaryngol Suppl.* 2010 Nov;(563):39-42.

Yao WC, Regone R, Huyhn N, Butler EB, Takashima M. 3D image reconstruction of CT scans as an adjunct to assist in medical student/resident education in Spatial Orientation of Paranasal Anatomy. *Laryngoscope.* 2014 Mar; 124(3):596-601.

Yao WC, Bleier BS. A Simple, Single Stage Technique to Harvest Optimal Ethmoid Bone Grafts for Caudal Septal Deflections. *Int Forum Allergy Rhinol.* 2015 Jul;5(7):622-5.

Yao WC, Bleier BS. Centrifugal Frontal Sinus Dissection Technique: Addressing Type III Anterior and Posterior Frontoethmoidal Air Cells. *Int Forum Allergy Rhinol.* 2015 Aug;5(8):761-3.

Yao WC, Regone RM, Takashima M. Enhancing the Safety of Sinus Surgery: The Role of Staining Materials. *Int Forum Allergy Rhinol.* 2015 Sep; 5(9):870-4.

Yao WC, Korkmaz H, Korkmaz M, Bleier BS. Safety and Efficacy of Concentrated Topical Epinephrine Use in Endoscopic Endonasal Surgery. *Int Forum Allergy Rhinol.* 2015 Dec;5(12):1118-23.

Yao WC, Bleier BS. Endoscopic Management of Orbital Tumors. *Curr Opinion in Otolaryngol Head Neck Surg.* 2016 Feb; 24(1) 57-62.

Yao WC, Sedaghat AR, Yadav P, Fay A, Metson RB. Orbital Decompression in the Endoscopic Age: The Modified Inferomedial Orbital Strut (mIOS). *Otolaryngol Head Neck Surg.* 2016 May;154(5):963-9

Korkmaz H, **Yao WC**, Korkmaz M, Bleier BS. Benefit of Preoperative Oral Steroids during Sinus Surgery when Utilizing Concentrated Topical Epinephrine. *ORL J Otorhinolaryngol Relat Spec.* 2016;78(4):216-22

Lam KK, Ho T, **Yao WC**. Sinocutaneous fistula formation after forehead recontouring surgery for transgender patients. *J Craniofac Surg.* 2017 May;28(3):e274-e277.

Yao WC, Emerick KS, Kraft S, Holbrook EH. Nasal Melanosis may act as a Harbinger of Melanoma: A Case Report. *Allergy Rhinol (Providence).* 2016 Jan 1;7(3):164-167.

Lam K, Bigcas JL, Luong A, **Yao W**, Citardi MJ. Flexible microsensor technology for real-time navigation tracking in balloon sinus ostial dilation. *Allergy Rhinol (Providence).* 2017 Mar 1;8(1):20-24.

Yao WC, Corbitt CA, Takashima M. Role of Intraoperative Ropivacaine in Adult Post-Tonsillectomy Pain Control: A Randomized Control Trial. *Ear Nose Throat J.* 2017 Apr-May;96(4-5):E39-E43

Citardi MJ, **Yao W**, Luong A. Next-Generation Navigation Systems in Sinus and Skull Base Surgery.

Otolaryngol Clin North Am. 2017 Jun;50(3):617-632.

Marino MJ, Citardi MJ, **Yao WC**, Luong A. Image Guidance in Endoscopic Sinus Surgery: Where Are We Heading? *Curr Otorhinolaryngol Rep* (2017).

Marino MJ, Ling LC, **Yao WC**, Luong A, Citardi MJ. Eustachian Tube Dysfunction Symptoms in patients treated in a tertiary rhinology clinic. *Int Forum Allergy Rhinol*. 2017 Dec;7(12):1135-39.

Marino MJ, Luong A, **Yao WC**, Citardi MJ. Management of Odontogenic Cysts by Endonasal Endoscopic Techniques: A Systematic Review and Case Series. *Am J Rhinol Allergy*. 2018 Jan 1;32(1):40-45.

Yao WC. Preface to Surgical Techniques of Emergencies in Otolaryngology. *Operative Techniques in Otolaryngology*. (2017) 28, 197.

Lam KK, Luong A, **Yao WC**. Endoscopic Management of Anterior and Posterior Epistaxis. *Operative Techniques in Otolaryngology*. (2017) 28, 198-204.

Tyler MA, Citardi MJ, **Yao WC**. Management of Retrobulbar Hematoma. *Operative Techniques in Otolaryngology*. Dec 2017. (2017) 28, 208-213.

Tyler MA, Zhang CC, Saini A, **Yao WC**. Cutting edge Endonasal Surgical Approaches to Thyroid Ophthalmopathy. *Laryngoscope Investigative Otolaryngology*. *Laryngoscope Investig Otolaryngol*. 2018 Feb 26;3(2):100-104.

Lam K, Luong AU, **Yao WC**, Citardi MJ. Use of Autologous Fat Grafts for the Endoscopic Reconstruction of Skull Base Defects: Indications, Outcomes, and Complications. *Am J Rhino Allergy*. 2018 Jul;32(4):310-317.

Villarreal R, Wrobel BB, Macias-Valle LF, Davis GE, Prihoda TJ, Luong AU, McMains KC, Weitzel EK, **Yao WC**, Brunworth J, Clark DW, Nair S, Valdés CJ, Halderman A, Jang DW, Sivasubramaniam R, Zhang Z, Chen PG.. International assessment of inter- and intrarater reliability of the International Frontal Sinus Anatomy Classification system. *Int Forum Allergy Rhinol*. 2019 Jan;9(1):39-45.

Jensen BT, Holbrook EH, Chen PG, Luong A, Marino MJ, **Yao WC**. The Intraoperative Accuracy of Maxillary Balloon Dilatation: A Blinded Trial. *Int Forum Allergy Rhinol*. 2019 May;9(5):452-457.

Marino MJ, Luong A, **Yao WC**, Citardi MJ. Nonpharmacological Relaxation Technology for Office-Based Rhinologic Procedures. *ORL J Otorhinolaryngol Relat Spec*. 2019 Mar 5;81(1):48-54.

Luong AU, Sun H, **Yao WC**. Contributions of Innate Lymphoid Cells in Chronic Rhinosinusitis. *Curr Allergy Asthma Rep*. 2019 Mar 22;19(5):28.

Saini AT, Citardi MJ, **Yao WC**, Luong AU. Office-Based Sinus Surgery. *Otolaryngol Clin North Am*. 2019 Jun;52(3):473-483.

Dietz CJ, Sun H, **Yao WC**, Citardi MJ, Corry DB, Luong AU. *Aspergillus fumigatus* induction of IL-33 expression in Chronic Rhinosinusitis is PAR2-dependent. *Laryngoscope*. 2019 Oct;129(10):2230-2235.

Haider AA, Marino MJ, **Yao WC**, Citardi MJ, Luong AU. The Potential of High-Throughput DNA Sequencing of the Paranasal Sinus Microbiome in Diagnosing Odontogenic Sinusitis. *Otolaryngol Head Neck Surg*. 2019 Dec;161(6):1043-1047.

Vandelaar LJ, Hanson B, Marino M, **Yao WC**, Luong AU, Arias CA, Ramakrishnan V, Citardi MJ. Analysis of Sinonasal Microbiota in Exacerbations of Chronic Rhinosinusitis Subgroups. *OTO Open*. 2019 Sep 17;3(3):2473974X19875100.

Vandelaar LJ, Jiang ZY, Saini A, **Yao WC**, Luong AU, Citardi MJ. PHQ-9 and SNOT-22: Elucidating the Prevalence of Depression in Chronic Rhinosinusitis. *Otolaryngol Head Neck Surg*. 2020 Jan;162(1):142-147.

BOOK CHAPTERS

Yao WC, Kupferman ME. Surgical Management of Encephaloceles. *Head and Neck Surgery* 2nd Edition. In Print

Yao WC, Suh JD, Ramakrishnan VR. Skull Base Surgery. *ENT Secrets*. 4th Edition. Skull Base Surgery. Chapter 19 130-8.

Online Publication

Yao WC. In-office Treatment of an Expansile Sphenoid Mucocele. *International Forum of Allergy and Rhinology*. Case of the Month. Online educational series. February 2018.

LOCAL and REGIONAL PRESENTATIONS

Yao WC. Hereditary Hemorrhagic Telangiectasia, Baylor College of Medicine, Houston, TX. Nov 2010

Yao WC. Plexiform Neurofibromatosis, Baylor College of Medicine, Houston, TX. Feb 2011

Yao WC. Recurrent Respiratory Papillomatosis, Baylor College of Medicine, Houston, TX. June 2011

Yao WC. Tympanic Membrane Perforation, Baylor College of Medicine, Houston, TX. Sept 2011

Yao WC. Aural Atresia, Baylor College of Medicine, Houston, TX. Feb 2012

Yao WC. Tonsillectomy Management Options, Baylor College of Medicine, Houston, TX. Jun 2012

Yao WC. Recurrent Papillary Thyroid Carcinoma, Baylor College of Medicine, Houston, TX. Oct 2012

Yao WC, Paranasal Sinus and Anterior Skull Base 3-D Anatomy Lecture. Baylor Otolaryngology Core Curriculum Course at PLATOs CAVE, Houston Methodist Hospital. 7/2012

Yao WC. Encephalocele: Postoperative Management When Patients are Utilizing CPAP Therapy,

Baylor College of Medicine, Houston, TX. Mar 2013

Yao WC. Chronic Rhinosinusitis: The diagnosis and postsurgical management, Baylor College of Medicine, Houston, TX. Nov 2013

Yao WC. Chronic Rhinosinusitis: The diagnosis and postsurgical management, Baylor College of Medicine, Houston, TX. Nov 2013

Yao WC. Management of Recurrent Papillary Thyroid Carcinoma. Head and Neck Didactic Conference, MD Anderson Cancer Center, Houston, TX. Sept 18 2012

Yao WC. Orbital Surgery in the Endoscopic Age. Texas Hill Country ENT Symposium. Lost Pines, TX. 4/2016

Yao WC. Sinonasal Inverted Papilloma – It's All About the Base. ORL Frontiers. Houston, TX. 6/2016.

Yao WC. Postop Care after FESS: From Protocol to Personalization. Texas Association of Otolaryngology Annual Meeting. Houston, TX. 5/6/2017 [Panel Member]

Yao WC. Transsphenoidal Hypophysectomy: One Surgeon's Approach. Texas Hill Country ENT Symposium. Lost Pines, TX. 4/2018

Yao WC. Anatomic Landmarks for Endoscopic Orbital Surgery. BCM Otolaryngology Sinus Course at MITIE, Houston, TX 6/2019.

Yao WC. Orbital Surgery in the Endoscopic Age. ORL Frontiers. Houston, TX. 6/2019.

Yao WC, Chiu AG, Citardi MJ, Luong AU. Rhinology Panel: Maximizing FESS Outcomes. ORL Frontiers. Houston, TX. 6/2019. [Panel Moderator]

NATIONAL PRESENTATIONS

Whiting D, Chun S, Laks H, Gan XH, **Yao W**, Bonavida B. MIG/CXCL9 neutralization attenuates chronic rejection of transplanted hearts. *The Journal of Heart and Lung Transplantation*. 2003 Jan; 22(1 supplemental): s154. 23rd Annual Meeting International Society of Heart and Lung Transplantation, 4/03

Whiting D, Banerji A, Laks H, Chun S, **Yao W**, Gan XH, Bonavida B, Ardehali A. The role of chemokine MIG/CXCL9 in T-lymphocyte proliferation and cytokine stimulation. *American Journal of Transplantation*. 2003 May; 3(s5): 182. American Transplant Congress, 6/03

Schnickel GT, Hsieh GR, Whiting D, Yun JJ, **Yao W**, Fishbein MC, Ardehali A. The Mechanism of CD8 Lymphocyte Function in Chronic Rejection of Heart Transplants. Western Thoracic Surgical Association. Maui, Hawaii, 6/04 Poster Presentation

Hsieh GR, Schnickel GT, Garcia C, Shefizadeh A, **Yao W**, and Ardehali A. The Synthetic Peptide D-4F Attenuates Cardiac Allograft Vasculopathy. *The Journal of Heart and Lung Transplantation*. 2005 Feb; 24(2): S52. International Society of Heart and Lung Transplantation, Philadelphia, PA,

Odim J, Saran M, **Yao W**, Kobashigawa J, Laks H. "The Fate of Older Cardiac Allografts in Adolescents." *American Journal of Transplantation*. 2005 May; 5(s11): 285. American Transplant Congress, May 22nd 2005. Oral

Odim J, **Yao W**, Saran M, Kobashigawa J, Gjertson D, Laks H. The Influence of Adverse Donor Factors on Outcome of Pediatric Heart Transplantation – The Marginal Donor Allograft. *American Journal of Transplantation*. 2005 May; 5(s11): 220. American Transplant Congress, May 22nd, 2005. Poster.

Yao WC, Saran M, Laks H, Kobashigawa J, Gjertson D, Odim J. The Influence of Adverse Donor Factors on Outcome of Pediatric Heart Transplantation – The Marginal Donor Allograft. Western Student Medical Research Forum Western Regional Meeting, Carmel, CA, 2/05. **Oral Presentation**

Yao WC, Laks H, Gjertson D, Odim J. The Influence of Adverse Donor Factors on Outcome of Pediatric Heart Transplantation – An UCLA study from 1984-2006. American Heart Association Medical Student Regional Roundtable Meeting, Burlingame, CA, 8/06. **Oral Presentation**

Yao WC, Hu R, Jones T, Hoffman L. The Topographic Distribution of Calretinin-Positive Calyces in Otoconia-Deficient Utricles. Association for Research in Otolaryngology Midwinter Research Meeting, Feb 2007. **Poster Presentation**

Yao WC, Saran M, Laks H, Kobashigawa J, Gjertson D, Odim J. The Influence of Adverse Donor Factors on Outcome of Pediatric Heart Transplantation – The Marginal Donor Allograft 2006 update. *Journal of Investigative Medicine*, Vol. 55, (1) #370, 2007. Western Student Medical Research Forum Western Regional Meeting, Carmel, CA, 2/07. **Oral Presentation**

Ramakrishnan VR, **Yao W**, Campana J. Skin paddle survival using pectoralis major myocutaneous flap reconstruction of head and neck defects. American Academy of Facial Plastic and Reconstructive Surgery, Chicago, IL, 9/08. Oral Presentation

Yao WC, Grohmann NC, Vrabcic, JT. VEMP Amplitude Intensity Function. Triologic Society Combined Sections Meeting, Scottsdale, AZ, 1/2013. 1st place in Otolaryngology/Neurotology Southern Section. **Poster**

Yao WC, Takashima M. Reinitiating CPAP after Transnasal Endoscopic Pituitary Surgery. COSM ARS section, Orlando, FL, 4/2013. **Poster**

Yao WC, Regone R, Huyhn N, Butler EB, Takashima M. 3D image reconstruction of CT scans as an adjunct to assist in medical student/resident education in Spatial Orientation of Paranasal Anatomy. COSM – Triologic Society, Orlando, FL, 4/2013. **Oral Presentation**

Yao WC, Corbitt C, Bender M, Takashima M. Role of Intraoperative Ropivacaine for long term Post-Tonsillectomy Pain Control: A Randomized Control Study. American Academy of Otolaryngology 9/2013, Vancouver, BC. **Oral Presentation**

Yao WC, Regone R, Takashima M. Enhancing the Safety of Sinus Surgery: The Role of Staining Materials. COSM – ARS section, Las Vegas, NV, 4/2014. **Poster**

Regone R, **Yao WC**, Takashima M. Nonfunctional Invasive Pituitary Adenoma without Suprasellar Extension: A Case Report and Review of Literature. Annual Fall Meeting – ARS section, Orlando, FL, 9/2014. **Poster**

Yao WC, Bleier BS. Centrifugal Frontal Sinus Dissection Technique: Addressing Type III Anterior and Posterior Frontoethmoidal Air Cells. Annual Fall Meeting – ARS section, Dallas, TX 9/2015.

Poster

Yao WC, Bleier BS. How I Do It: A Simple, Single Stage Technique to Harvest Optimal Ethmoid Bone Grafts for Caudal Septal Deflections. Annual Fall Meeting – ARS section, Dallas, TX 9/2015.

Poster

Lam K, Bigcas JL, Luong A, **Yao WC**, Citardi M. Balloon Sinus Ostial Dilation with Microsensor Navigation in the Operating Room Setting. Annual Fall Meeting – ARS section, Dallas, TX 9/2015.

Poster

Yao WC, Yadav P, Sedaghat AR, Fay A, Metson RB. Balanced Orbital Decompression: Strategies for Optimizing Outcomes in Patients with Graves' Orbitopathy. AAO-HNS Annual Meeting Dallas, TX 9/2015. **Oral Presentation**

Lam KK, **Yao WC**. Over-pursuit of Femininity: Frontocutaneous Fistula Formation Following Forehead Recontouring Surgery in a Transgender Patient. Poster at ARS at COSM, Chicago, IL 5/2016. Poster

Lam KK, **Yao WC**, Citardi MJ. Revisiting Autologous Fat Grafts for the Reconstruction of Skull Base Defects during the Endoscopic Era. Poster at ARS at COSM, Chicago, IL 5/2016. Poster

Dennis S, Caceres K, **Yao WC**. Inflammatory Myofibroblastic Pseudotumor Masquerading As Invasive Fungal Sinusitis. Poster presentation at Annual ARS meeting, San Diego, CA 9/2016. Poster

Yao WC, Chandra R. Balloon Dilation of the Maxillary and Frontal Ostia: A Comparative Cadaveric Investigation. Poster presentation at Annual ARS meeting, San Diego, CA 9/2016. Poster

Wang BJ, **Yao WC**. Bilateral Silent Sinus Syndrome: A Case Report. Poster presentation at Annual ARS meeting, San Diego, CA 9/2016. Poster

Marino MJ, Luong A, **Yao W**, Citardi MJ. Adjunctive Pain and Anxiety Management for Office-Based Rhinology Procedures. Poster presentation at COSM ARS meeting, San Diego, CA 4/2017. Poster

Marino MJ, Luong A, **Yao W**, Citardi MJ. Management of Odontogenic Cysts by Endonasal Endoscopic Techniques: A Systematic Review and Case Series. Poster presentation at COSM ARS meeting, San Diego, CA 4/2017. Poster

Esianor BI, **Yao WC**. Combination of Antidepressant and Inhalational Anesthesia: a cautionary tale of increased intraoperative bleeding during endoscopic endonasal surgery. Poster presentation at Annual ARS meeting, Chicago, IL 9/2017. Poster

Marino MJ, Ling LC, **Yao WC**, Luong A, Citardi MJ. Eustachian Tube Dysfunction Symptoms in patients treated in a tertiary rhinology clinic. Oral presentation at Annual ARS meeting, Chicago, IL 9/2017.

Esianor BI, **Yao WC**, Roy S. The Role of Steroid Eluting Stents to Decrease Recurrence Risk in Adolescents with Allergic Fungal Rhinosinusitis. Poster presentation at Triologic Society Combined Sections Meeting. Jan 2018. Poster.

Vandelaar LJ, Luong A, **Yao WC**, Citardi MJ. Analysis of the sinonasal microbiome in exacerbations of chronic rhinosinusitis subgroups. Oral Presentation at COSM ARS meeting. April 2018.

Ting JH, Saini AT, **Yao WC**. Oropharyngeal squamous cell carcinoma with distant metastasis to clivus. Poster at COSM ARS meeting. April 2018.

Vandelaar LJ, Jiang Z, Saini AT, **Yao WC**, Luong A, Citardi MJ. Depression and CRS: Relation between PHQ-9 and SNOT-22. Oral Presentation at ARS Annual Meeting. Atlanta, GA, October 2018.

Saini AT, Jiang Z, **Yao WC**, Luong A, Citardi MJ. Are NSAIDs Effective Enough for Postoperative Pain Control after Sinonasal Surgery? Oral Presentation at ARS Annual Meeting. Atlanta, GA, October 2018.

Jensen BT, Holbrook EH, Chen PG, Luong A, Marino MJ, **Yao WC**. The Intraoperative Accuracy of Maxillary Balloon Dilation: A Blinded Trial. Oral Presentation at ARS Annual Meeting. Atlanta, GA, October 2018

Villarreal R, Wrobel BB, Macias-Valle LF, Davis GE, Prihoda TJ, Luong AU, McMains KC, Weitzel EK, **Yao WC**, Brunworth J, Clark DW, Nair S, Valdés CJ, Halderman A, Jang DW, Sivasubramaniam R, Zhang Z, Chen PG.. International assessment of inter- and intrarater reliability of the International Frontal Sinus Anatomy Classification system. Oral Presentation at ARS Annual Meeting. Atlanta, GA, October 2018

Gong SW, Ahmadi S, Blackburn SL, Ulin L, Citardi MJ, Luong AU, **Yao WC**. Sniffin Sticks to Measure Olfactory Function and Recovery Following Bilateral Superior Turbinate Resection. Oral Presentation at ARS Annual Meeting, New Orleans, LA, September 2019.

Yao WC, Ramakrishnan VR, Luong AU, Citardi MJ. VISUALIZE: a 24-week, open-label study using nasal endoscopy video to evaluate the efficacy and safety of EDS-FLU 186 µg twice daily in adults with bilateral nasal polyps. Oral Presentation at ARS Annual Meeting, New Orleans, LA, September 2019.

Syed FK, Gong SW, Citardi MJ, Luong AU, **Yao WC**. Synechia in patients with primary and revision FESS. Oral Presentation at ARS Spring Meeting, Atlanta, GA, April 2020.

AMERICAN RHINOLOGIC SOCIETY MODERATOR ACTIVITY

Yao WC. Moderator for Scientific Session. ARS Spring Meeting at COSM, National Harbor, MD 4/2018.

Yao WC. Moderator for Scientific Session. at ARS Annual Meeting. Atlanta, GA, October 2018.

Yao WC. Moderator for Scientific Session. Rhinoworld. Chicago, IL 6/2019.

Yao WC. Moderator for Scientific Session. at ARS Annual Meeting. New Orleans, LA, 9/2019.

AMERICAN ACADEMY OF OTOLARYNGOLOGY-HEAD AND NECK SURGERY FOUNDATION MODERATOR ACTIVITY

Yao WC. Moderator for Scientific Session. annual AAOHNS meeting. New Orleans, LA, 9/2019.

AMERICAN ACADEMY OF OTOLARYNGOLOGY-HEAD AND NECK SURGERY FOUNDATION MINI-SEMINAR FACULTY

Citardi MJ, Luong A, **Yao WC**. Managing cerebrospinal fluid leak from the anterior skull base. Mini Seminar at annual AAOHNS meeting, San Diego, CA 9/2016.

AMERICAN ACADEMY OF OTOLARYNGOLOGY-HEAD AND NECK SURGERY FOUNDATION INSTRUCTIONAL COURSE FACULTY

Luong A, Lam KK, **Yao WC**. Managing cerebrospinal fluid leak from the anterior skull base. Instructional Course at annual AAOHNS meeting, Chicago, IL. 2017.

Luong A, Lam KK, **Yao WC**. Managing cerebrospinal fluid leak from the anterior skull base. Instructional Course at annual AAOHNS meeting, Atlanta, GA. 2018.

REGIONAL MEDICAL EDUCATION COURSE FACULTY

2019 ORL Frontiers. Sponsored by the University of Texas McGovern Medical School at Houston, Department of Otorhinolaryngology, Houston, TX (Jun 28, 2019). **Course Co-Director, and Lecturer** (“Endoscopic Orbital Surgery” and “Rhinology Panel: Maximizing FESS Outcomes”).

CONTINUING MEDICAL EDUCATION COURSE FACULTY

Yao WC. Orbital Surgery in the Endoscopic Age. Sponsored by UTMB Endoscopic Sinus & Skull Base Course, TX. Course Faculty. July 28-29, 2016

2016 Texas Hill Country ENT Symposium. Sponsored by the University of Texas McGovern Medical School at Houston, Department of Otorhinolaryngology, Houston, TX (Apr 2-3, 2016). **Planning Committee, and Lecturer** (“Orbital Surgery in the Endoscopic Age” and “Chronic Sinusitis Panel”).

2017 Lonestar Rhinology. Sponsored by the University of Texas McGovern Medical School at Houston, Department of Otorhinolaryngology, Houston, TX (Nov 3-4, 2017). **Co-course Director, Lecturer** (“Postoperative care,” “Primary frontal sinus surgery,” “Inverted papilloma,” “Endoscopic orbital surgery,” “Frontal sinus surgery panel,” and “Recalcitrant rhinosinusitis panel”) **and Laboratory Instructor**.

2018 Texas Hill Country ENT Symposium. Sponsored by the University of Texas McGovern Medical School at Houston, Department of Otorhinolaryngology, Houston, TX (Apr 28-29, 2018). **Lecturer** (“Transsphenoidal Hypophysectomy: One Surgeon’s Approach” and “In-Office sinus surgery Panel”).

INTERNATIONAL PROFESSORSHIPS

Yao WC. Becoming an Otolaryngologist- Head and Neck Surgeon. 112TH Annual Meeting of ORL Society of Japan. Kyoto, Japan. May 2011. Panel and presentation. Invited Panelist

Yao WC. Updates in New Rhinology Technology. Endoscopic Surgery of the Sinuses, Eustachian Tube and Ear. Massachusetts Eye and Ear Infirmary – Harvard Medical School. Boston, MA. 3/2015

Yao WC. Orbital Surgery in the Endoscopic Age. Grand Rounds. Kyoto University Department of

Otolaryngology Kyoto, Japan. 3/2016

Yao WC. Advanced Endoscopic Orbital Surgery. Peoples Hospital of Yangzhou, China. 7/2018
Live Surgical Instruction and guidance to local ENTs

VISITING PROFESSORSHIP

Yao WC. Orbital Decompression: The Past, Present and the Future, University of Texas - Houston, Houston, TX. Nov 2014

Yao WC. Orbital Decompression: The Past, Present and the Future, University of California Davis, Sacramento, CA. Nov 2014

Yao WC. Anatomic Landmarks for Endoscopic Orbital Surgery. BCM Otolaryngology Sinus Course at MITIE, Houston, TX 6/2019.