

MARTIN J. CITARDI, M.D., F.A.C.S.

University of Texas Medical School at Houston
Department of Otorhinolaryngology-Head & Neck Surgery
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PRESENT POSITION

Department of Otorhinolaryngology-Head & Neck Surgery Professor & Chair THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT HOUSTON Houston, TX	2008-present
Department of Otorhinolaryngology-Head & Neck Surgery Chief MEMORIAL HERMANN HOSPITAL-TEXAS MEDICAL CENTER Houston, TX	2008-present

PREVIOUS APPOINTMENTS

Head & Neck Institute	2004-2008
Department of Otolaryngology & Communicative Disorders	2001-2004
Head & Neck Institute Residency Program Associate Director	2006-2008
Section of Nasal & Sinus Disorders (Section Head)	2004-2008
Cancer Center	2003-2008
Staff	2001-2008
CLEVELAND CLINIC FOUNDATION Cleveland, OH	
Department of Otolaryngology-Head and Neck Surgery Assistant Professor SAINT LOUIS UNIVERSITY SCHOOL OF MEDICINE St. Louis, Missouri	1997-2000

POST-GRADUATE TRAINING

Rhinology and Sinus Surgery Fellow GEORGIA RHINOLOGY AND SINUS CENTER MEMORIAL GEORGIA EAR INSTITUTE Savannah, Georgia	1996-1997
Otolaryngology-Head and Neck Surgery Chief Resident & Instructor YALE UNIVERSITY SCHOOL OF MEDICINE New Haven, Connecticut	1995-1996
Otolaryngology-Head and Neck Surgery Assistant Resident YALE UNIVERSITY SCHOOL OF MEDICINE New Haven, Connecticut	1992-1995
General Surgery Intern YALE UNIVERSITY SCHOOL OF MEDICINE New Haven, Connecticut	1991-1992

EDUCATION

Doctor of Medicine THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE Baltimore, Maryland	1991
Bachelor of Arts (Biology) THE JOHNS HOPKINS UNIVERSITY SCHOOL OF ARTS AND SCIENCES	1987

Baltimore, Maryland

ADDITIONAL TRAINING

Graduate Certificate in Healthcare Management 2010-2011
 RICE UNIVERSITY
 Houston, TX

BOARD CERTIFICATION

American Board of Otolaryngology 1997
 Certificate 15403

HONORS

Texas Super Doctors 2011
 Guide to America's Top Surgeons (Consumers' Research Council of America) 2010-present
 Cleveland Clinic Innovator Award 2007
 American Academy of Otolaryngology-Head and Neck Surgery Distinguished Service Award 2007
 Best Doctors in America 2005-present
 Cleveland Clinic Division of Surgery Leadership Development Course 2006-2007
 Cleveland Clinic Head & Neck Institute Teacher of the Year 2006
 ARS Poster Award 2005
 Singapore Ministry of Health Honorary Visiting Expert 2004
 American Academy of Otolaryngology-Head and Neck Surgery Honor Award 2003
 American Rhinologic Society Presidential Award 2003
 New England Otolaryngology Society Resident Presentation Award 1993
 Medical and Chirurgical Faculty of Maryland Award for Excellence in Organized Medicine 1991
 Dr. Harold Lamport Biomedical Research Prize, honorable mention 1990
 General Honors, The Johns Hopkins University Class of 1987 1987
 Departmental Honors, The Johns Hopkins University Class of 1987 1987
 The Johns Hopkins University Beneficial-Hodson Scholar 1986-1987
 The Johns Hopkins University Dean's List 1983-1987
 Phi Beta Kappa 1986
 Alpha Epsilon Delta (premedical honor society) 1985
 National Merit Scholar 1983

RESEARCH GRANTS & CONTRACTSIntersect ENT Research Contract

2009-2010

\$112,593

A Clinical Evaluation of a Steroid-Coated Sinus Stent When Used Following Functional Endoscopic Sinus Surgery in Patients with Chronic Rhinosinusitis (ADVANCE II Study)

Principal Investigator: Martin J. Citardi, MD

Co-investigators: Samer S. Fakhri, MD & Amber Loung, MD, PhD (University of Texas at Houston)

ArthroCare ENT Research Grant

2006-2008

\$20,852

A Prospective, Randomized, Controlled Clinical Study to Validate a Clinical and Endoscopic Assessment Scoring System That Evaluates Longitudinal Healing of the Middle Meatal Mucosa Following Functional Endoscopic Sinus Surgery

Investigator: Martin J. Citardi, MD

Co-investigators: Pete S. Batra, MD (Cleveland Clinic Foundation) & Samer S. Fakhri, MD (University of Texas at Houston)

Cleveland Clinic Foundation Research Programs Council

2002-2004

\$25,000

Characterization of Eosinophil Peroxidase-Induced and Myeloperoxidase-Induced Tissue Damage in Sinonasal Polyposis and Chronic Rhinosinusitis

Investigator: Martin J. Citardi, M.D.

Co-investigators: Stanley Hazen, M.D., Ph.D., and Donald C. Lanza, M.D.

American Rhinologic Society New Investigator Research Grant

2002-2003

\$20,000

Characterization of Eosinophil Peroxidase-Induced and Myeloperoxidase-Induced Tissue Damage in Sinonasal Polyposis and Chronic Rhinosinusitis

Investigator: Martin J. Citardi, M.D.

Co-investigators: Stanley Hazen, M.D., Ph.D., and Donald C. Lanza, M.D.

Cleveland Clinic Foundation

RESEARCH EXPERIENCE*Novel Topical Agents for the Treatment of Chronic Rhinosinusitis*

Investigators: Martin J. Citardi, MD, Samer S. Fakhri, MD & Amber Luong, MD, PhD

UT-Houston

2008-present

Novel Surgical Techniques for the Paranasal Sinuses and Skull Base

Investigators: Martin J. Citardi, MD, Samer S. Fakhri, MD & Amber Luong, MD, PhD

UT-Houston

2008-present

Inflammatory Mechanisms in Allergic Fungal Rhinosinusitis

Investigator: Amber Luong, MD, PhD

Co-investigators: Martin J. Citardi, MD & Samer S. Fakhri, MD

UT-Houston

2008-present

Optical Rhinometry: Validation & Applications

Investigator: Amber Luong, MD, PhD

Co-investigators: Martin J. Citardi, MD & Samer S. Fakhri, MD

UT-Houston

2008-present

A Clinical Evaluation of a Steroid-Coated Sinus Stent When Used Following Functional Endoscopic Sinus Surgery in Patients with Chronic Sinusitis

Investigator: Martin J. Citardi, MD

Co-investigators: Samer S. Fakhri, MD & Amber Luong, MD, PhD

UT-Houston

2010

A Prospective, Randomized, Controlled Clinical Study to Validate a Clinical and Endoscopic Assessment Scoring System That Evaluates Longitudinal Healing of the Middle Meatal Mucosa Following Functional Endoscopic Sinus Surgery

Investigator: Martin J. Citardi, MD

Co-investigators: Pete S. Batra, MD (Cleveland Clinic Foundation) & Samer S. Fakhri, MD (University of Texas at Houston)

Cleveland Clinic Foundation

2006-2008

Virally-Induced STAT-1 and STAT-3 Inflammatory Cascades Result in Expression of Pro-inflammatory Cytokines in Sinonasal Polyposis

Investigators: Steve Canady, M.D., Pete S. Batra, MD, Serpil Erzurum, M.D.

Cleveland Clinic Foundation

2005-2007

Computer-aided surgery applications in rhinology and skull base surgery

Investigator: Martin J. Citardi, M.D.

Cleveland Clinic Foundation

2001-2008

Characterization of Eosinophil Peroxidase-Induced and Myeloperoxidase-Induced Tissue Damage in Sinonasal Polyposis and Chronic Rhinosinusitis

Investigator: Martin J. Citardi, M.D.

- Co-investigators: Stanley Hazen, M.D., Ph.D., and Donald C. Lanza, M.D.
Cleveland Clinic Foundation 2001-2005
Histopathological Assessment of the Effect of Topical Paclitaxel (Delivered by Sustained Release) on Nasal Mucosa in a Sheep Model
- Investigator: Martin J. Citardi, M.D.
Co-investigators: Brian Herrmann, M.D., Greg Smith, Ph.D., and George Vogler, D.V.M.
Saint Louis University School of Medicine 2000
Clinical Validation of the CBYON Three-Dimensional Image-Guidance System (Phase I Study)
- Investigator: Martin J. Citardi, M.D.
Saint Louis University School of Medicine & Des Peres Hospital (Des Peres, MO) 1999-2000
Computer-aided craniomaxillofacial surgery
Computer-Based CT Scan Analysis for Determination of Craniomaxillofacial Relationships
- Investigator: Martin J. Citardi, M.D., and Mimi Kokoska, M.D.
Co-investigators: Scott Hardeman, M.D., and Brian Herrmann, M.D.
Saint Louis University School of Medicine 1998-2000
Leukotriene Levels in Experimental Maxillary Sinusitis in a Rabbit Model
- Investigator: Martin J. Citardi, M.D.
Co-investigators: Greg Smith, Ph.D., and Daniel Hurley, M.D.
Saint Louis University School of Medicine 1998-1999
Intranasal Topical Capsaicin for the Treatment of Headache of Nasal and Sinus Origin
- Investigator: Martin J. Citardi, M.D.
Co-investigator: John F. Eisenbeis, M.D.
Saint Louis University School of Medicine 1997-2000
Intranasal Topical Capsaicin for the Treatment of Hyperreflexive Rhinopathy
- Investigator: Martin J. Citardi, M.D.
Co-investigators: Raymond G. Slavin, M.D., and John F. Eisenbeis, M.D.
Saint Louis University School of Medicine 1997-2000
Intranasal Topical Capsaicin for the Treatment of Headache of Nasal and Sinus Origin
Intranasal Topical Capsaicin for the Treatment of Nasal Polyposis Associated with Aspirin Sensitivity and Asthma
- Intranasal Topical Capsaicin for the Treatment of Hyperreflexive Rhinopathy*
Investigator: Frederick A. Kuhn, M.D.
Co-investigator: Martin J. Citardi, M.D.
Georgia Rhinology & Sinus Center 1996-2000
- Alterations of prad-1 in squamous cell carcinoma of the head and neck*
Preceptor: José Costa, Ph.D.
Yale University School of Medicine 1993
DNA fragmentation induced by gamma interferon in squamous carcinoma cells
Effect of anti-microtubule and anti-actin agents on the morphology of gamma interferon cytolysis of squamous carcinoma cells visualized by time-lapsed videomicroscopy
- Preceptor: William J. Richtsmeier, M.D., Ph.D.
The Johns Hopkins University School of Medicine 1990
Sequence-dependent cytotoxicity of combinations of the anti-microtubule agents, taxol and vincristine, and the alkylating drug, cisplatin
- Preceptors: Ross C. Donehower, M.D., and Eric K. Rowinsky, M.D.
The Johns Hopkins Oncology Center 1989
Review of the clinical course and pathology of cases of neuroblastoma and medulloblastoma in adults treated at The Johns Hopkins Hospital
- Preceptors: Ross C. Donehower, M.D., and Eric K. Rowinsky, M.D.
The Johns Hopkins Oncology Center 1989

Effect of putative radio-sensitizing and radio-protecting compounds on the inactivation of P22 and T4 bacteriophages by low level gamma irradiation

Preceptor: Philip E. Hartman, Ph.D.

The Johns Hopkins University School of Arts and Sciences

1985-1986

PUBLICATIONS

- Citardi MJ. Surgical navigation and intraoperative imaging. In Kennedy D and Huang P. *Rhinology: Diseases of the Nose, Sinuses and Skull Base*. (New York: Thieme), In press.
- Isaacs SJ, Fakhri S, Luong A, Whited C, **Citardi MJ**. The effect of dilute baby shampoo on nasal mucociliary clearance in healthy subjects. *American Journal of Rhinology*. 2011; 25:27-29.
- Batra PS, Luong A, Kanowitz SJ, Sade B, Lee J, Lanza DC, **Citardi MJ**. Outcomes of minimally invasive endoscopic resection of anterior skull base neoplasms. *Laryngoscope*. 2010; 120:9-16.
- Cheung EJ, **Citardi MJ**, Fakhri S, Cain J, Batra PS. Luong A U. Comparison of optical rhinometry to acoustic rhinometry using nasal provocation testing with *Dermatophagoides farinae*. *Otolaryngology-Head & Neck Surgery*. 2010; 143:290-293.
- Citardi MJ**, Fakhri S. Cerebrospinal fluid rhinorrhea. In: Flint, et al., ed. *Cummings Otolaryngology-Head and Neck Surgery (5th edition)*. Philadelphia: Elsevier Science. 2010.
- Citardi MJ**. Letter to the editor (Re: Khalid, et al., "Fracture of bony lamellae within the frontal recess following balloon catheter dilation," *American Journal of Rhinology & Allergy*, 2010; 24:55-59). *American Journal of Rhinology & Allergy*. 2010; 24:94.
- Clark DW, **Citardi MJ**, Fakhri, S. Endoscopic management of skull base defects associated with pneumocephalus following previous open repair: a preliminary report. *Otolaryngology-Head and Neck Surgery*. 2010; 142: 820-826.
- Hughes GB, Lee J, Ruggieri PM and **Citardi MJ**. Surgery for cystic lesions of the petrous apex. In Gulya AJ, Minor LB and Poe DS *Glasscock-Shambaugh Surgery of the Ear*. Shelton, CT: People's Medical Publishing House, 2010.
- Luong A, **Citardi MJ**, Batra PS. Management of sinonasal neoplasms: defining the role of endoscopy. *American Journal of Rhinology & Allergy*. 2010;24:150-155.
- Luong A, Batra PS, Citardi MJ,. Evaluation of optical rhinometry for nasal provocation testing in allergic and nonallergic subjects. *Otolaryngology-Head & Neck Surgery*. 2010; 143:284-289.
- Solares CA, Luong AU, Kanowitz SJ, Sade B, **Citardi MJ**, Batra PS. Endoscopic management of sphenoclivar neoplasms: Anatomic correlates and patient outcomes. *Otolaryngology-Head & Neck Surgery*. 2010: 142:315-321.
- Cannady SB, Batra PS, Koenig C, Lorenz RR, **Citardi MJ**, Langford C, Hoffman GS. Sinonasal Wegener granulomatosis: a single-institution experience with 120 cases. *Laryngoscope*. 2009; 119:757-761.
- Citardi MJ**, Batra PS. Nose and paranasal sinuses. In: Lee KJ, ed. *Otolaryngology*. New York: McGraw-Hill. 2009.
- Kanowitz SJ, **Citardi MJ**, Batra PS. Contemporary management strategies for epistaxis. In: Stucker FJ, Souze c, Kenyon GS, Lian TS, Draf W ed. *Rhinology & Facial Plastic Surgery*. New York: Springer. 2009.
- Isaacs SJ, Fakhri S, Luong AU, Citardi, MJ. Intraoperative Imaging for Otorhinolaryngology-Head & Neck Surgery. *Otolaryngologic Clinics of North America*. 2009; 42:765-779.
- Marple BF, Stringer SP, Batra PS, Bhattacharyya N, Chiu AG, **Citardi MJ**, Han JK, Kern RC, Kingdom TT, Lane AP, Orlandi RR, Ryan MW, Senior BA, Stewart MG. Going to the next level: Health care's evolving expectations for evidence. *Otolaryngology-Head and Neck Surgery*. 2009; 141: 551-554.
- Shipchandler TZ, Batra PS, **Citardi MJ**. Sinonasal mucosal wound healing: implications for contemporary rhinologic surgery. In: Hom DB, Hebeda PA, Gosain K, Friedman CD, eds. *Essential Tissue Healing of the Face and Neck*. Ontario, Canada: BC Decker. 2009.

- Yoon BN, Batra PS, **Citardi MJ**, Roh HJ. Frontal sinus inverted papilloma: surgical strategy based on the site of attachment. *American Journal of Rhinology & Allergy*. 2009; 23:337-341.
- Batra PS, Kanowitz SJ, Citardi MJ. Clinical utility of intraoperative volume computed tomography scanner for endoscopic sinonasal and skull base procedures. *American Journal of rhinology*. 2008; 22:511-515.
- Batra PS, Yappel-Sinkko K, Bena J, Leong JL, **Citardi MJ**, Lanza DC. Prospective analysis of epicutaneous testing for inhalant allergy: comparison of arm and back studies with mRAST. *Otolaryngology-Head and Neck Surgery*. 2008; 138:328-33.
- Kanowitz SJ, Batra PS, **Citardi MJ**. Comprehensive management of failed frontal sinus obliteration. *American Journal of Rhinology*. 2008;22:263-270.
- Kanowitz SJ, Batra PS, **Citardi MJ**. Topical budesonide via mucosal atomization device in refractory postoperative chronic rhinosinusitis. *Otolaryngology-Head & Neck Surgery*. 2008;139:131-136.
- Lim M, **Citardi MJ**, Leong JL. Topical antibiotics in the management of chronic rhinosinusitis: a systematic review. *American Journal of Rhinology*. 2008; 22:381-389.
- Luong A, Batra PS, Fakhri S, **Citardi MJ**. Balloon catheter dilatation for frontal sinus ostium stenosis in the office setting. *American Journal of Rhinology*. 2008; 22: 621-624.
- Sautter NB, Batra PS, Citardi MJ. Endoscopic management of sphenoid sinus cerebrospinal fluid leaks. *Annals of Otolaryngology, Rhinology & Laryngology*. 2008; 117:32-39.
- Sautter NB, **Citardi MJ**, Batra PS. Paranasal sinus mucoceles with skull base and/or orbital erosion: Is the endoscopic approach sufficient? *Otolaryngology-Head & Neck Surgery*. 2008;13:570-574.
- Solares CA, Lee WT, Batra, PS, **Citardi MJ**. Lateral lamella of the cribriform plate: software-enabled computed tomographic analysis and its clinical relevance in skull base surgery. *Archives of Otolaryngology-Head and Neck Surgery*. 2008; 134:258-289.
- Zafereo ME, Fakhri S, Prayson R, Batra PS, Lee J, Lanza DC, Citardi MJ. Esthesioneuroblastoma: 25-year experience at a single institution. *Otolaryngology-Head & Neck Surgery*. 2008; 138:452-458.
- Batra PS, Sautter NB, Cannady SB, **Citardi MJ**, Roh HJ. Comparison of open vs. endoscopic resection of inverted papilloma. *Skull Base*. 2007; 17 (Suppl 2): 11.
- Cannady SB, Batra PS, Sautter NB, Roh HJ, **Citardi MJ**. New staging system for sinonasal inverted papilloma in the endoscopic era. *Laryngoscope*. 2007; 117:1283-1287.
- Cannady SB, Batra PS, Leahy R, **Citardi MJ**, Janocha A, Ricci K, Comhair SAA, Bodine M, Wang Z, Hazen SL, Erzurum SC. Signal transduction and oxidative processes in sinonasal polyposis. *Journal of Allergy and Clinical Immunology*. 2007; 120: 1346-1353.
- Chung BJ, Batra PS, **Citardi MJ**, Lanza DC. Endoscopic septoplasty: revisitation of the technique, indications, and outcomes. *American Journal of Rhinology*. 2007; 21:307-311.
- Citardi MJ**, Kanowitz SJ. A cadaveric model for balloon-assisted endoscopic paranasal sinus dissection without fluoroscopy. *American Journal of Rhinology*. 2007;21:579-583.
- Citardi MJ**. Functional endoscopic sinus surgery. In: Lee KJ and Toh E., ed. *Pointers and Pitfalls in Surgical Otolaryngology*. New York: Thieme, 2007. Chapter 2 (pp. 3-17).
- Citardi MJ**, Batra PS. Image-guided sinus surgery. In: Kountakis S, Onerci M, ed. *Rhinologic and Sleep Apnea Surgical Techniques*. New York: Springer, 2007. Chapter 19 (pp. 189-198).
- Citardi MJ**, Batra PS. Intraoperative Surgical Navigation for Endoscopic Sinus Surgery: Rationale & Indications. *Current Opinion in Otolaryngology-Head & Neck Surgery*. 2007; 15:23-27.
- Kim JY, Yoon JK, **Citardi MJ**, Batra PS, Roh HJ. The prevalence of human papilloma virus infection in sinonasal inverted papilloma specimens classified by histological grade. *American Journal of Rhinology*. 2007;21:664-669.
- Siow JK, **Citardi MJ**. Image-guided sinus surgery. In: Lee, KJ and Toh E, eds. *Pointers and Pitfalls in Surgical Otolaryngology*. New York: Thieme, 2007. Chapter 3 (pp. 18-19)

- Sautter N, Cannady SC, **Citardi MJ**, HJ Roh, Batra PS. Comparison of open vs. endoscopic resection of inverted papilloma. *American Journal of Rhinology*. 2007; 21:320-323.
- Sautter NS, **Citardi MJ**, Batra PS. Minimally invasive resection of frontal recess/sinus inverted papilloma. *American Journal of Otolaryngology*. 2007; 28:221-224.
- Solares CA, **Citardi MJ**, Batra PS. Management of frontal sinus mucoceles with posterior table erosion in pretransplant cystic fibrosis patients. *American Journal of Otolaryngology*. 2007; 28:110-114.
- Batra PS, **Citardi MJ**. Malignant sinonasal neoplasms. *Otolaryngologic Clinics of North America*. 2006;39:619-637.
- Batra PS, Shipchandler TZ, **Citardi MJ**, Lanza DC. Outcomes for endoscopic resection of sinonasal squamous cell carcinoma. *Skull Base : An Interdisciplinary Approach*. 2006; 16: S1-2.
- Cho JH, **Citardi MJ**, Lee WT, Sautter NB, Lee HM, Yoon JH, Hong SC, Kim JK. Comparison of frontal pneumatization patterns between Koreans and Caucasians. *Otolaryngology-Head and Neck Surgery*. 2006; 135, 780-786.
- Citardi MJ**, Batra PS. Reconstruction of the skull base defects after minimally invasive endoscopic resection of anterior skull base neoplasms. *Skull Base : An Interdisciplinary Approach*. 2006; 16: S23.
- Citardi MJ**, Batra PS. Imaging of the internal carotid artery and adjacent skull base with three-dimensional CT angiography for preoperative planning and intraoperative surgical navigation. *Skull Base : An Interdisciplinary Approach*. 2006; 16: S30.
- Citardi MJ**, Batra PS. CT-MR fusion for the management of skull base lesions. *Skull Base : An Interdisciplinary Approach*. 2006; 16:S30.
- Citardi MJ**, Batra PS (eds.). Advanced techniques in rhinology. *Otolaryngologic Clinics of North America*. 2006; vol. 39.
- Citardi MJ**, Batra PS. Advanced techniques in rhinology. *Otolaryngologic Clinics of North America*. 2006; 39: xiii-xiv.
- Citardi MJ**, Song W, Batra PS, Lanza DC, Hazen SL. Characterization of oxidative pathways in chronic rhinosinusitis and sinonasal polyposis. *American Journal of Rhinology*. 2006;20:353-359.
- Knott PD, Batra PS, **Citardi MJ**. Computer-aided surgery. *Otolaryngologic Clinics of North America*. 2006; 39:203-222.
- Knott PD, Batra PS **Citardi MJ**. Contour-based & paired-point registration in a model for image-guided surgery. *Laryngoscope*. 2006;116:1877-1881.
- Leong JL, , Batra PS, **Citardi MJ**. CT-MR image fusion for the management of skull base lesions . *Otolaryngology-Head and Neck Surgery*. 2006;134:868-876.
- Leong JL, **Citardi MJ**, Batra PS. Reconstruction of skull base defects after minimally invasive endoscopic resection of the anterior skull base neoplasms. *American Journal of Rhinology*. 2006; 20:476-482.
- Rizzi M, Batra PS, Prayson R, **Citardi MJ**. Nasal histoplasmosis: report of a case. *Otolaryngology-Head and Neck Surgery*. 2006; 135:803-804.
- Solares CA, Batra PS, Hall GS, **Citardi MJ**. Treatment of chronic rhinosinusitis exacerbations due to methicillin-resistant *Staphylococcus aureus* with mupirocin irrigations. *American Journal of Otolaryngology*. 2006;27:161-165.
- Batra PS, **Citardi MJ**, Lanza DC. Combined endoscopic trephination and endoscopic frontal sinusotomy for the management of complex frontal sinus pathology. *American Journal of Rhinology*. 2005; 19:435-441.
- Batra PS, **Citardi MJ**, Worley S, Lee J, Lanza DC. Resection of anterior skull base tumors: comparison of combined traditional and endoscopic approaches. *American Journal of Rhinology*. 2005;19:521-528.
- Batra PS, **Citardi MJ**, Lanza DC. Isolated sphenoid sinusitis after pituitary surgery. *American Journal of Rhinology*. 2005; 19:185-189.

Cannady SB, Batra PS, **Citardi MJ**, Lanza DC. Comparison of delivery of topical medications to the paranasal sinuses via “vertex-to-floor” position and atomizer spray after FESS. *Otolaryngology-Head & Neck Surgery*. 2005; 133:735-740.

Citardi MJ, Batra PS. Image-Guided Sinus Surgery: Current Concepts & Technology. *Otolaryngologic Clinics of North America*. 2005; 38:439-452 .

Citardi MJ, Batra PS, Kuhn FA. Frontal Sinus Rescue. In: Kountakis S, Senior B, Draf W, ed., *Frontal Sinus Disease*. New York: Springer, 2005. Chapter 26 (pp. 243-249).

Fakhri S, **Citardi MJ**, Wolfe S, Batra PS, Lanza DC. Challenges in the management of sphenoid inverted papilloma. *American Journal of Rhinology*. 2005; 19:207-213.

Friedman AD, Batra PS, Fakhri S, **Citardi MJ**, Lanza DC. Isolated sphenoid sinus disease: etiology and management. *Otolaryngology-Head & Neck Surgery*. 2005; 133:544-550.

Leong JL, Batra PS, **Citardi MJ**. Imaging of the internal carotid artery and adjacent skull base with three-dimensional CT angiography for preoperative planning and intraoperative surgical navigation. *Laryngoscope*. 2005; 115:1618-1623.

Shipchandler TZ, Batra PS, **Citardi MJ**, Bolger WE, Lanza DC. Outcomes for endoscopic resection of sinonasal squamous cell carcinoma. *Laryngoscope*. 2005; 115:1983-1987

Rizzi M, Batra PS, **Citardi MJ**, Lanza DC. An assessment of the presence of bacterial contamination of Venturi principle atomizers in a clinical setting. *American Journal of Rhinology*. 2005; 19: 21-24.

Scharpf J, Dean R, Stultz T, **Citardi MJ**. The magnetic resonance imaging profile of occult intracranial violations due to sinus surgery. *American Journal of Otolaryngology*. 2005; 26:411-414.

Batra PS, **Citardi MJ**, Gallivan RP, Roh HJ, Lanza DC. Software-enabled CT analysis of carotid artery position and sphenoid sinus pneumatization patterns. *American Journal of Rhinology*. 2004; 18:203-208.

Batra PS, **Citardi MJ**, Gallivan RP, Roh HJ, Lanza DC. Software-enabled CT analysis of optic nerve position and paranasal sinus pneumatization patterns. *Otolaryngology-Head & Neck Surgery*. 2004; 131:940-945.pa

Batra PS, Roh H-J, Bolger WE, Lee J, Citardi MJ, Lanza DC. Endoscopic resection of sinonasal malignancies: a preliminary report. *Skull Base Surgery*. 2004; 14:11.

Citardi MJ. Cerebrospinal fluid rhinorrhea. In: Cummings, C., et al., ed. *Otolaryngology-Head and Neck Surgery (4th edition)*. Philadelphia: Elsevier Science. 2004.

Citardi MJ. Editorial comment on “Computed tomography-generated templates: a new approach for frontal sinus osteoplastic flap surgery.” *American Journal of Rhinology*. 2004;18:289-290.

Citardi MJ, Batra PS, Gallivan RP, Maurer CR, Rohfling R, Roh HJ, Lanza DC. Quantitative computer-aided CT analysis of sphenoid sinus anatomical relationships. *American Journal of Rhinology*. 2004;18:173-178.

Fakhri S, **Citardi MJ**. Considerations against concurrent functional endoscopic sinus surgery and rhinoplasty. *Facial Plastic Clinics of North America*. 2004; 12:431-434.

Herrmann B, **Citardi MJ**, Vogler G, Gardner L, Smith G, Javer A, Burt HM, Jackson J, Kuhn FA. A preliminary report on the effects of paclitaxel-impregnated stents on sheep nasal mucosa. *American Journal of Rhinology*. 2004;18:119-124.

Knott, PD, Mauer CR, Gallivan RP, Roh, HJ, **Citardi MJ**. The impact of fiducial distribution on headset based registration in image-guided sinus surgery. *Otolaryngology-Head and Neck Surgery*. 2004;131:666-672.

Lee WT, Kuhn FA, **Citardi MJ**. 3D CT analysis of frontal recess anatomy in patients without frontal sinusitis. *Otolaryngology-Head and Neck Surgery*. 2004;131: 164-173.

Roh HJ, Batra PS, **Citardi MJ**, Lee J, Bolger WE, Lanza DC. Endoscopic resection of malignancies: a preliminary report. *American Journal of Rhinology*. 2004; 18:239-252.

Roh HJ, Procop G, Batra PS, **Citardi MJ**, Lanza DC. Inflammation and the pathogenesis of inverted papilloma. *American Journal of Rhinology*. 2004;18:65-74.

Citardi MJ. Computer-aided sphenoid sinus surgery. *Operative Techniques in Otolaryngology-Head and Neck Surgery*. 2003; 14:188-194.

Kokoska MS, Hardeman SH, Stack BS, **Citardi MJ**. Computer-aided reduction of zygomatic fractures. *Archives of Facial Plastic Surgery*. 2003; 5:434-6.

Lorenz RR, Dean RL, Hurley DB, Chuang J, **Citardi MJ**. Endoscopic reconstruction of anterior and middle cranial fossa defects using acellular dermal allograft. *Laryngoscope*. 2003; 113:496-501.

Kettenbach Y, Backfrieder, W, **Citardi MJ**, Shahidi R, Ringl H, Cartellieri M Birkfeller, W. Virtual endoscopy of the paranasal sinuses. In: Caramella D, Bartolozzi B, ed. *3D Imaging Processing: Technique and Clinical Applications*. New York: Springer-Verlag, 2003. Chapter 11, pp. 105-120.

Citardi MJ (editor). *Computer-Aided Otorhinolaryngology-Head and Neck Surgery*. New York: Marcel Dekker, 2002.

Citardi MJ. New paradigm [for CAS]. In: **Citardi MJ**, ed. *Computer-Aided Otorhinolaryngology-Head and Neck Surgery*. New York: Marcel Dekker, 2002. Chapter 1, pp. 1-14.

Citardi MJ. Principles of registration. In: **Citardi MJ**, ed. *Computer-Aided Otorhinolaryngology-Head and Neck Surgery*. New York: Marcel Dekker, 2002. Chapter 4, pp. 49-71.

Citardi MJ. Image-guided functional endoscopic sinus surgery. In: **Citardi MJ**, ed. *Computer-Aided Otorhinolaryngology-Head and Neck Surgery*. New York: Marcel Dekker, 2002. Chapter 12, pp. 201-222.

Citardi MJ, Kokoska MS. Software-enabled cephalometrics. In: **Citardi MJ**, ed. *Computer-Aided Otorhinolaryngology-Head and Neck Surgery*. New York: Marcel Dekker, 2002. Chapter 21, pp. 337-394.

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Batra PS, Kanowitz SJ, **Citardi MJ**. Clinical utility of intraoperative volume CT scanner for endoscopic sinonasal and skull base procedures. Presented at the American Rhinology Society spring meeting; May 1-2, 2008; Orlando, FL.

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Kanowitz SJ, Batra PS, **Citardi MJ**. Minimally invasive management of patients with persistent or recurrent signs and symptoms after frontal sinus obliteration. Presented at the American Rhinology Society annual meeting; September 15, 2007; Washington, DC.

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Batra PS, **Citardi MJ**. Patient Advocacy Committee CT Imaging Survey. Presented at the American Rhinology Society spring meeting; April 26-27, 2007; San Diego, CA.

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Cannady SB, Batra PS, Sautter NB, Roh HJ **Citardi MJ**, Lanza DC. New staging system for sinonasal inverted papilloma in the endoscopic era. Presented at the Triological Society Combined Meetings; February 15-18, 2007; Marco Island, FL.

Chung BJ, Batra PS, **Citardi MJ**, Lanza DC. Endoscopic septoplasty: revisitation of the technique, indications, and outcomes. Presented at the American Rhinology Society annual meeting; September 16, 2006; Toronto, CA.

Sautter N, Batra PS, **Citardi MJ**. Endoscopic management of sphenoid CSF leaks. Poster presented at the American Rhinology Society annual meeting; September 16, 2006; Toronto, CA.

Citardi MJ. Image-guided sinus surgery: current concepts and technology. Presented at the First Joint Meeting of the German Society of Oto-Rhino-Laryngology and the American Academy of Otolaryngology-Head & Neck Surgery; May 25-26, 2006; Manheim, Germany.

Solares CA, Batra PS, **Citardi MJ**. The lateral lamella of the cribriform plate: software-enabled computed tomography analysis and its clinical relevance in skull base surgery. Presented at the Triologic Society annual meeting; May 21-22, 2006; Chicago, IL.

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Leong JL, , Batra PS, **Citardi MJ**. CT-MR image fusion for the management of skull base lesions . Presented at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 25-28, 2005; Los Angeles, CA.

Leong JL, **Citardi MJ**, Batra PS. Reconstruction of skull base defects after minimally invasive endoscopic resection of the anterior skull base neoplasms. Presented at the American Rhinology Society annual meeting; September 24, 2005; Los Angeles, CA.

Kuhn FA, **Citardi MJ**, Karanfilov B, Schlosser B. Frontal Sinus Panel. Presented at the American Rhinology Society spring meeting; May 13-14, 2005; Boca Raton, FL.

Leong JL, Batra PS, **Citardi MJ**. Imaging of the internal carotid artery and adjacent skull base with three-dimensional CT angiography for preoperative planning and intraoperative surgical

navigation. Poster presented at the American Rhinology Society spring meeting; May 13-14, 2005; Boca Raton, FL. (ARS Poster Award Recipient)

Batra PS, **Citardi MJ**. Resection of anterior skull base tumors: comparison of combined endoscopic and traditional techniques. Presented at the North American Skull Base Society annual meeting; April 8-10, 2005, Toronto, Canada.

Solares CA, Netterville JL, **Citardi MJ**, Batra PS, Lorenz RR. The vidian nerve: computer-based CT scan measurements and clinical utility as an anatomic guide in skull base surgery. Presented at the North American Skull Base Society annual meeting; April 8-10, 2005, Toronto, Canada.

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Rizzi M, Batra PS, Prayson R, **Citardi MJ**. Nasal histoplasmosis: an usual cause of an aggressive nasal lesion. Poster presented at the 2004 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 19-22, 2004; New York, NY.

Akst LM, Batra PS, **Citardi MJ**, Lanza DC. Chronic invasive fungal rhinosinusitis in immunocompetent patients. Poster presented at the American Rhinologic Society annual meeting; September 18-20, 2004, New York, NY

Batra PS, **Citardi MJ**, Lanza DC. Combined endoscopic trephination and endoscopic frontal sinusotomy for the management of complex frontal sinus pathology. Presented at the American Rhinologic Society annual meeting; September 18-20, 2004, New York, NY

Cannady SB, Batra PS, **Citardi MJ**, Lanza DC. "Vertex-to-floor" position delivers topical nasal drops to the olfactory cleft after FESS. Poster presented at the American Rhinologic Society annual meeting; September 18-20, 2004, New York, NY

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Fakhri S, **Citardi MJ**, Wolfe S, Batra PS, Lanza DC. Challenges in the management of sphenoid inverted papilloma. Presented at the American Rhinologic Society spring meeting; April 30-May 1, 2004, Phoenix, AZ..

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Batra PS, Roh HJ, **Citardi MJ**, Lee J, Bolger WE, Lanza DC. Endoscopic resection of malignancies: a preliminary report. Presented at the North American Skull Base Society annual meeting; February 16, 2004, New Orleans, LA.

Citardi MJ. Singapore Ministry of Health Visiting Expert (Endoscopic frontal sinusotomy & endoscopic trephination, Frontal sinus rescue procedure, Osteoplastic frontal sinus surgery, The future of rhinologic surgery, Endoscopic management of sinonasal neoplasia, Sinonasal polyposis, Endoscopic management of epistaxis, Rhinosinusitis medical treatment, Contemporary concepts in frontal sinus surgery, Endoscopic hypophysectomy, Demystifying the sphenoid sinus), February 3-13, 2004, Singapore.

Citardi MJ. The future of rhinologic surgery: from image-guided surgery to robotic surgery and telesurgery (plenary lecture). Presented at the 22nd International Symposium on Infection and Allergy in the Nose (ISIAN), 10th Congress of the International Rhinologic Society and 26th Congress of the Korean Rhinologic Society; October 23-26, 2003; Seoul, Korea.

Citardi MJ. Contemporary concepts in frontal sinusitis. Presented at Pusan National University Department of Otolaryngology Grand Rounds; October 20, 2003; Busan, Korea.

Batra PS, **Citardi MJ**, Gallivan RP, Roh HJ, Lanza DC. Software-enabled CT analysis of optic nerve position and sphenoid sinus pneumatization patterns. Presented at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 21-24, 2003; Orlando, FL.

Knott, PD, Mauer CR, Gallivan RP, Roh, HJ, **Citardi MJ**. The impact of fiducial distribution on headset based registration in image-guided sinus surgery . Presented at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 21-24, 2003; Orlando, FL.

Lee WT, Kuhn FA, **Citardi MJ**. 3D CT analysis of frontal recess anatomy in patients without frontal sinusitis. Presented at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 21-24, 2003; Orlando, FL.

Batra PS, **Citardi MJ**, Lanza DC. Comparison of traditional craniofacial resection and minimally invasive endoscopic resection of anterior skull base neoplasms. Presented at the American Rhinologic Society annual meeting; September 20, 2003; Orlando, FL.

Batra PS, **Citardi MJ**, Lanza DC. Isolated sphenoid sinusitis after pituitary surgery. Poster presented at the American Rhinologic Society annual meeting; September 20, 2003; Orlando, FL.

Rizzi M, Batra PS, **Citardi MJ**, Lanza DC. An assessment of the presence of bacterial contamination of Venturi principle atomizers in a clinical setting. Poster presented at the American Rhinologic Society annual meeting; September 20, 2003; Orlando, FL.

Batra PS, **Citardi MJ**, Gallivan RP, Maurer CR, Rohfling R, Roh HJ, Lanza DC. Quantitative computer-aided CT analysis of sphenoid sinus anatomical relationships. Presented at the American Rhinologic Society spring meeting; May 2-3, 2003; Nashville, TN.

Batra PS, **Citardi MJ**, Gallivan RP, Roh HJ, Lanza DC. Software-enabled CT analysis of carotid artery position and sphenoid sinus pneumatization patterns. Poster presented at the American Rhinologic Society spring meeting; May 2-3, 2003; Nashville, TN.

Citardi MJ. Future directions in computer-assisted surgery. Presented at Controversies & Developments in Computer-Aided Surgery panel (Fried MP, Chow JM, **Citardi MJ**, Sillers MJ) during the American Rhinologic Society annual meeting; September 21, 2002; San Diego, CA.

Roh HJ, Procop G, **Citardi MJ**, Lanza DC. Inflammation and the pathogenesis of inverted papilloma. Presented at the American Rhinologic Society annual meeting; September 21, 2002; San Diego, CA.

Roh HJ, Bolger W, **Citardi MJ**, Lanza DC. Endoscopic resection of sinonasal malignancies: a preliminary report. Presented at the American Rhinologic Society annual meeting; September 21; San Diego, CA.

Lorenz R, Dean R, Chuang J, **Citardi MJ**. Acellular dermal allograft for minimally invasive anterior and middle cranial fossa reconstruction. Presented at the North American Skull Base Society annual meeting (Skull Base Surgery 2002); February 16-19, 2002; San Diego, CA.

Citardi MJ. Principles of registration. Presented at Integration of Computer-Aided Surgery into ESS panel (Toffel P, **Citardi MJ**, Fried M, Sillers MJ, Vaughan W) during the American Rhinologic Society spring meeting; May 13-15, 2001; Palm Desert, CA.

Hurley DH, **Citardi MJ**. Endoscopic repair of anterior cranial skull base defects with acellular dermal allograft. Presented at the American Rhinologic Society spring meeting; May 13-15, 2001; Palm Desert, CA.

Hardeman S, Kokoska MS, Bucholz R, **Citardi MJ**. Computer-based CT scan analysis of craniomaxillofacial relationships. Presented at the American Academy of Otolaryngology-Head and Neck Surgery meeting, September 24-27, 2000, Washington, DC.

Citardi MJ. CBYON SAVANT (initial impressions and experiences). Presented at The Nose 2000... And Beyond, September 20-23, 2000, Washington, DC.

Citardi MJ. Report of a new, passive, optical surgical navigation system for endoscopic sinus surgery. Presented at The Nose 2000... And Beyond, September 20-23, 2000, Washington, DC.

Herrmann, B, Vogler G, Smith G, Javer A, Kuhn FA, **Citardi MJ**.. The effects of paclitaxel-impregnated stents on sheep nasal mucosa. Presented at The Nose 2000...And Beyond, September 20-23, 2000, Washington, DC.

Glicklich R, **Citardi MJ**. Internet-based medicine. The Nose 2000... And Beyond, September 20-23, 2000, Washington, DC.

Kokoska MS, Hardeman S, Bucholz R, McNeal W, Cooper M, **Citardi MJ**. Computer-aided sequential reduction of frontozygomaticomaxillary fractures. Presented at the American Academy of Facial Plastic and Reconstructive Surgery spring meeting, May 13, 2000; Orlando, FL.

Citardi MJ, Herrmann B, Stack B, Cooper M, MacNeil W, Bucholz R. Comparison of scientific calipers and computer-enabled CT review for the measurement of skull base dimensions. Presented at the North American Skull Base Society annual meeting (Skull Base Surgery 2000); March 17-20, 2000; Scottsdale, AZ.

Currens J, **Citardi MJ**, Slavin R. Primary paranasal aspergillus granuloma (PPAB): the first endemic case in the U.S. Poster presented at American Academy of Allergy, Asthma And Immunology annual meeting, March 5-7, 2000; San Diego, CA.

Hardeman S, **Citardi MJ**, Stack BS, Kokoska M. Computer-aided reduction of zygomatic fractures. Presented at the American Academy of Facial Plastic and Reconstructive Surgery meeting; September 22-24, 1999; New Orleans, LA.

Hurley D, **Citardi MJ**, Vogler G, Smith G. Leukotriene B4 levels in acute *Streptococcus Pneumoniae* maxillary sinusitis in a rabbit model. Presented at the American Rhinologic Society annual meeting; September 25, 1999; New Orleans, LA

Olson G, **Citardi MJ**. Image-guided functional endoscopic sinus surgery. Presented at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 26-29, 1999; New Orleans, LA.

Citardi MJ. New frontiers in image-guided surgery: registration techniques. Presented at Computer-Assisted Sinus Surgery panel (Jacobs J, Carrau R, **Citardi MJ**, Gopal H, Sillers MJ) during the American Rhinologic Society spring meeting; April 25-26, 1999; Palm Desert, CA.

Fadhli OA, **Citardi MJ**. Minimally invasive endoscopic treatment of massive fungal sinusitis. Presented at the American Rhinologic Society spring meeting; April 25-26, 1999; Palm Desert, CA.

Hurley DH, **Citardi MJ**, Javer A, Kuhn FA. Endoscopic treatment of chronic frontal sinusitis associated with frontal sinus posterior table erosion. Presented at the American Rhinologic Society spring meeting; April 25-26, 1999; Palm Desert, CA.

Citardi MJ. New frontiers in image-guided surgery. Presented at the Xomed ENT Study Group meeting; October 1-3, 1998; Paris, TN.

Cox AJ, **Citardi MJ**, Bucholz R. Acellular dermal allograft for sellar reconstruction after transsphenoidal hypophysectomy. Presented at the American Rhinologic Society annual meeting; September 12, 1998; San Antonio, TX.

Vaughan W, Citardi MJ, Kuhn F. Surgical navigation in pituitary surgery. Presented at the joint meeting of the European Rhinologic Society and the International Symposium on Infection and Allergy in the Nose (ISIAN); July 28-August 1, 1998; Vienna, Austria

Citardi MJ. Endoscopic frontal sinusotomy with endoscopic trephination. The frontal sinus rescue procedure. Presented at An Integrated Approach to Chronic Frontal Sinusitis panel (Kuhn FA, **Citardi MJ**, Gross CW, Lanza DC, Sillers MJ) during the American Rhinologic Society annual meeting; September 6, 1997; San Francisco, CA.

Anand VJ, Kuhn FA, Namdar I, **Citardi MJ**. Value of image-guided technology in endoscopic surgery of paranasal sinuses and anterior skull base. Presented at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 7-10, 1997; San Francisco, CA.

Citardi MJ. The frontal sinus rescue procedure. Presented at the Frontal Sinus Disease workshop (Bolger W, Kuhn FA, Anand V), during The Cottle International Rhinology Centennial & the XVIth International Symposium on Infection and Allergy of the Nose (ISIAN); June 5-8, 1997; Philadelphia, PA.

Citardi MJ, Kuhn FA. Image-guided endoscopic transsphenoidal approach to the middle cranial fossa and skull base. Presented at The Cottle International Rhinology Centennial & the XVIth International Symposium on Infection and Allergy of the Nose (ISIAN); June 5-8, 1997; Philadelphia, PA.

Citardi MJ, Kuhn FA. Endoscopically guided frontal sinus beclomethasone installation for refractory frontal sinus/recess polyposis. Presented at The Cottle International Rhinology Centennial & the XVIIth International Symposium on Infection and Allergy of the Nose (ISIAN); June 5-8, 1997; Philadelphia, PA.

Citardi MJ, Kuhn FA. Endoscopic frontal sinusotomy with mucoperiosteal flap advancement: The frontal sinus rescue procedure. Presented at the American Rhinologic Society meeting; May 11-12, 1997; Scottsdale, AZ.

Abrahams JJ, Walker A, **Citardi MJ**, Chaloupka JC, Sasaki CT. Trans-thyroid cartilage CT-guided needle biopsy of the vocal cords. Presented at the American Society of Head and Neck Radiology annual meeting; April 24-28, 1996; Los Angeles, CA.

Abrahams JJ, **Citardi MJ**, Flynn S, Sasaki CT. Efficacy of transcutaneous CT-guided fine needle aspiration biopsy in-patients with laryngeal squamous cell carcinoma, probable failed radiation therapy and negative transmucosal biopsies. Presented at The American Laryngological, Rhinological and Otological Society Eastern Section meeting; January 25-27, 1996; Philadelphia, PA.

Putnam CM, Chaloupka JC, **Citardi MJ**, Sasaki CT, Awad IA. An evolving multidisciplinary approach to the diagnosis and management of carotid blowout syndrome in head and neck surgical patients. Presented at the Fourth International Workshop on Cerebrovascular Surgery; June 11-14, 1995; Chicago, IL.

Citardi MJ, Vining EM. Endoscopic transnasal sphenopalatine artery ligation for control of profuse epistaxis. Presented at the American Rhinologic Society meeting; April 30-May 1, 1995; Palm Desert, CA.

Citardi MJ, Estil J, Yanagisawa E. Videoendoscopic analysis of laryngeal function during laughter. Video presented at the American Broncho-Esophagological Association annual meeting; May 2-4, 1995; Palm Desert, CA.

Tarro J, Ross DA, **Citardi MJ**, Sasaki CT. Microsurgical free flap reconstruction outcomes in head and neck cancer patients following surgical extirpation and iodine-125 intraoperative brachytherapy. Presented at the American Society for Head and Neck Surgery meeting; April 29-May 2, 1995; Palm Desert, CA.

Citardi MJ, Sasaki CT, Ariyan S, Son Y. Management of carotid artery rupture by monitored endovascular occlusion (1988-1994). Presented at The American Laryngological, Rhinological and Otological Society Eastern Section meeting; January 26-28, 1995; Pittsburgh, PA.

Yanagisawa E, **Citardi MJ**. Video documentation of endoscopic sinus surgery. Video presented at the 1994 Annual Clinical Congress of the American College of Surgeons; October 9-14, 1994; Chicago, IL.

Yanagisawa E, **Citardi MJ**. Telescopic nasal endoscopic documentation in the office and the operating room. Video presented at Current Trends, Controversies and Perspectives in Rhinology and Sinus Surgery (An International Symposium); April 14-16, 1994; New York, NY.

PRESENTATIONS AT LOCAL AND REGIONAL SCIENTIFIC/MEDICAL MEETINGS

Citardi MJ. The integrated approach for frontal sinus surgery. Presented at the Medical College of Georgia Department of Otolaryngology Grand Rounds; November 2, 2010; August, GA.

Fakhri S, Luong A, **Citardi MJ**. Evaluation & management of the difficult post-ESS patient. Presented at the Texas Association of Otolaryngology meeting, April 30-May 1, 2010; Ft. Worth, TX.

Citardi MJ. Balloon catheter applications in paranasal sinuses. Presented at the Dallas Academy of Otolaryngology meeting, February 25, 2010; Dallas, TX.

Citardi MJ, Fakhri S, Luong A. Allergic Fungal Rhinosinusitis. Presented at the Texas Association of Otolaryngology meeting, May 1-2, 2009; Austin, TX.

Citardi MJ. Endoscopic management of CSF Rhinorrhea and Decision-making in chronic rhinosinusitis. Presented at the Combined Arkansas-Missouri Otolaryngology Fall Meeting, October 12-14, 2007; Ridgedale, MO.

Citardi MJ. Boies Lectureship (Endoscopic management of anterior skull base neoplasia, integrated approach for frontal sinus surgery). Presented at the University of Minnesota, Department of Otolaryngology, December 4-5, 2006; Minneapolis, MN.

Citardi MJ. Endoscopic management of anterior skull base neoplasia. Presented at the Johns Hopkins University, School of Medicine, Department of Otolaryngology-Head & Neck Surgery, grand rounds, November 13, 2006; Baltimore, MD.

Citardi MJ. Integrated approach for frontal sinus surgery. Presented at the University of Texas at Houston Health Science Center School of Medicine, Department of Otolaryngology-Head & Neck Surgery, grand rounds, November 2, 2006; Houston, TX.

Citardi MJ. Endoscopic management of CSF rhinorrhea. Presented at the Duke University School of Medicine, Division of Otolaryngology grand rounds; March 8, 2006; Durham, NC.

Sautter NS, **Citardi MJ**, Batra PS. Endoscopic resection of frontal sinus inverted papilloma. Presented at the Triological Society Middle/Western Section Meeting, February 2-5, 2006; San Diego, CA.

Solares CA, **Citardi MJ**, Batra PS. Management of frontal sinus mucoceles with posterior table erosion in pretransplant cystic fibrosis patients. Presented at the Triological Society Middle/Western Section Meeting, February 2-5, 2006; San Diego, CA.

Batra PS, Shipchandler TZ, **Citardi MJ**, Lanza DC. Outcomes for endoscopic resection of sinonasal squamous cell carcinoma. Presented at the Triological Society Southern Section Meeting, January 14-15, 2005; Miami, FL.

Cannady SB, Batra PS, **Citardi MJ**, Lanza DC. 'Vertex-to-floor' head position delivers topical nasal drops to the olfactory cleft in normal volunteers. Poster presented at the Triological Society Southern Section Meeting, January 14-15, 2005; Miami, FL.

Citardi MJ. Rhinosinusitis update. Presented at the Dutchess County Medical Society meeting (Otolaryngology Insights 2004: Practical Pearls for the Primary Care Physician and the Referring Specialist); October 23, 2004; Hyde Park, NY.

Citardi MJ. Contemporary concepts in frontal sinusitis. Presented at the Memphis Society of Otolaryngology-Head and Neck Surgery meeting; August 27, 2003; Memphis, TN.

Weisberger EC, **Citardi MJ**, Ponikau J, Sherris D, Stankiewicz JA, Yekinni A. Fungal sinusitis panel. Presented at the Triological Society Middle Section Meeting, January, 18-19, 2003, Indianapolis, IN.

Citardi MJ. Rhinosinusitis update. Presented at the Cleveland Clinic Foundation Department of Medicine Grand Rounds; November 20, 2002; Cleveland, OH.

Citardi MJ. The otorhinolaryngology perspective on computer-aided surgery. Presented at the Cleveland Clinic Foundation Department of Neurosurgery Grand Rounds; September 30, 2002; Cleveland, OH.

Citardi MJ. Image-guided functional endoscopic sinus surgery. Presented at the Beaumont Hospital Division of Otolaryngology Staff Meeting; May 22, 2002; West Bloomfield Hills, MI.

Citardi MJ. Image-guided functional endoscopic sinus surgery. Presented at the Oklahoma Academy of Otolaryngology annual meeting; May 4, 2002; Branson, MO.

Citardi MJ. Minimally invasive management of sinonasal neoplasia. Presented at the Cleveland Clinic Foundation Taussig Cancer Center Research Conference; February 15, 2002; Cleveland, OH.

Citardi MJ. An integrated approach for frontal sinus surgery. Presented at the Central Pennsylvania State Otolaryngology Society quarterly meeting; January 15, 2002; Harrisburg, PA.

Citardi MJ. Bad results in sinus surgery. Presented at Penn State University School of Medicine Division of Otolaryngology visiting professor program; January 15, 2002; Harrisburg, PA.

Citardi MJ. Image-guided functional endoscopic sinus surgery. Presented at the Missouri Society of Otolaryngology fall meeting; October, 21, 2000; St. Louis, MO

Citardi MJ. Computer-aided otorhinolaryngology-head and neck surgery. Presented at Departmental Grand Rounds, Cleveland Clinic Foundation Department of Otolaryngology-Head and Neck Surgery; June 19, 2000; Cleveland, OH.

Bowen D, **Citardi MJ.** Chronic rhinosinusitis: correlations with associated clinical disorders. Presented at St. Louis University William B. Harkins, M.D. Resident Research Forum; June 3, 2000; St. Louis, MO.

Currens J, **Citardi MJ,** Slavin RS. Primary paranasal aspergilloma of the Sudan: first endemic case in the U.S. Presented at St. Louis University William B. Harkins, M.D. Resident Research Forum; June 3, 2000; St. Louis, MO.

Hardeman S, **Citardi MJ,** Kokoska MS. Computer-aided reduction of zygomatic fractures. Presented at St. Louis University William B. Harkins, M.D. Resident Research Forum; June 3, 2000; St. Louis, MO.

Herrmann B, Vogler GG, Gardner L, Smith GS, Javer A, Kuhn FA, **Citardi MJ.** The effect of paxclitaxel-impregnated stents on nasal mucosa in a sheep model. Presented at St. Louis University William B. Harkins, M.D. Resident Research Forum; June 3, 2000; St. Louis, MO.

Hurley D, Smith GS, Vogler GG, Depsonde S, **Citardi MJ.** Leukotriene levels in acute maxillary sinusitis in a rabbit model. Presented at St. Louis University William B. Harkins, M.D. Resident Research Forum; June 3, 2000; St. Louis, MO.

Citardi MJ. Sinusitis: insights into treatment and research. Presented at Philippine Medical Association of Greater St. Louis; May 7, 2000; Frontenac, MO.

Citardi MJ. New frontiers in computer-aided otolaryngology-head and neck surgery. Presented at Departmental Grand Rounds, Saint Louis University Department of Otolaryngology-Head and Neck Surgery; March 1, 2000; St. Louis, MO.

Citardi MJ. Malignant hyperthermia. Presented at Departmental Grand Rounds, Saint Louis University Department of Otolaryngology-Head and Neck Surgery; November 10, 1999; St. Louis, MO.

Citardi MJ. The leukotriene pathway in sinonasal polyposis. Presented at Departmental Grand Rounds, Saint Louis University Department of Otolaryngology-Head and Neck Surgery; June 16, 1999; St. Louis, MO.

Citardi MJ. Fungal sinusitis. Presented at Divisional Grand Rounds, Saint Louis University Department of Medicine, Division of Allergy & Immunology; June 8, 1999; St. Louis, MO.

Bowen D, **Citardi MJ.** The microbiology of post-operative acute exacerbations of chronic rhinosinusitis. Presented at St. Louis University William B. Harkins, M.D. Resident Research Forum; June 5, 1999; St. Louis, MO.

Fadhli OA, **Citardi MJ.** Minimally invasive endoscopic treatment of massive fungal sinusitis. Presented at St. Louis University William B. Harkins, M.D. Resident Research Forum; June 5, 1999; St. Louis, MO.

Hardeman S, Kokoska M, **Citardi MJ,** Bucholz R. Computer-based image analysis of craniomaxillofacial relationships. Presented at St. Louis University William B. Harkins, M.D. Resident Research Forum; June 5, 1999; St. Louis, MO.

Herrmann, B, **Citardi MJ,** Stack B, Cooper P, Bucholz R. An evaluation of anatomic measurements using the Stealth surgical navigation system and conventional measurements of the cranial base. Presented at St. Louis University William B. Harkins, M.D. Resident Research Forum; June 5, 1999; St. Louis, MO.

Hurley DH, **Citardi MJ,** Javer A, Kuhn FA. Endoscopic treatment of chronic frontal sinusitis associated with frontal sinus posterior table erosion. Presented William B. Harkins, M.D. Resident Research Forum; June 5, 1999; Saint Louis University, St. Louis, MO.

Citardi MJ. Endoscopic frontal sinusotomy and endoscopic trephination. Presented University of Oklahoma Health Sciences Center Department of Otolaryngology Grand Rounds; March 10, 1999; Oklahoma City, OK.

Citardi MJ. Laser Physics. Presented at Departmental Grand Rounds, Saint Louis University Department of Otolaryngology-Head and Neck Surgery; March 3, 1999; St. Louis, MO.

Citardi MJ. An integrated approach to chronic frontal sinusitis. Presented Stanford and UCSF Otolaryngology Grand Rounds; February 4, 1999; Redwood City, CA.

Citardi MJ. New frontiers in image-guided surgery. Presented at "Image-Guided Endoscopic Sinus Surgery," a symposium sponsored by the Oklahoma Academy of Otolaryngology-Head and Neck Surgery; January 15, 1999; Edmond, OK.

Citardi MJ. Endoscopic management of pituitary adenoma. Presented at Departmental Grand Rounds, Saint Louis University Department of Otolaryngology-Head and Neck Surgery; October 21, 1998; St. Louis, MO.

Citardi MJ. Chronic rhinosinusitis update. Presented at SLUCare CME Outreach Program; June 20, 1998; Herrin, IL.

Citardi MJ. Chronic rhinosinusitis update. Presented at Parkland Hospital; May 28, 1998; Farmington, MO.

Citardi MJ. Image-guided functional endoscopic sinus surgery. Presented at Society of Otorhinolaryngology-Head & Neck Nurses (St. Louis Chapter) 1998 Annual Spring Symposium (Experience the World of Nursing); April 25, 1998; St. Louis, MO.

Citardi MJ. Carotid artery rupture. Presented at Departmental Grand Rounds, Saint Louis University Department of Otolaryngology-Head and Neck Surgery; April 22, 1998; St. Louis, MO.

Citardi MJ. Comprehensive sinonasal polyposis treatment: the role of leukotriene pathway antagonists. Presented at Missouri State Allergy Association annual meeting; April 18, 1998; St. Louis, MO.

Citardi MJ. Contemporary management of chronic frontal sinusitis. Presented at Missouri Society of Otolaryngology-Head and Neck Surgery annual meeting; April 18, 1998; St. Louis, MO.

Citardi MJ. Chronic rhinosinusitis update. Presented at Missouri Society of Otolaryngology-Head and Neck Surgery annual meeting; April 17, 1998; St. Louis, MO.

Citardi MJ. Osteoplastic frontal sinus surgery update. Presented at Departmental Grand Rounds, Saint Louis University Department of Otolaryngology-Head and Neck Surgery; February 5, 1998; St. Louis, MO.

Citardi MJ. Endoscopic frontal sinusotomy and endoscopic frontal sinus trephination. Presented at Departmental Grand Rounds, Saint Louis University Department of Otolaryngology-Head and Neck Surgery; November 5, 1997; St. Louis, MO.

Citardi MJ. Chronic rhinosinusitis update. Presented at St. Mary's Hospital; September 18, 1997; East St. Louis, IL.

Citardi MJ. Endoscopic management of pituitary adenoma. Presented at Lucy Lee Hospital Tumor Board; August 19, 1997; Poplar Bluff, MO.

OTHER MISCELLANEOUS PRESENTATIONS

Citardi MJ. Image-guided functional endoscopic sinus surgery. Presented at Xomed national sales meeting; September 12, 1998; San Antonio, TX.

Citardi MJ. Chronic rhinosinusitis update and a contemporary rhinology overview. Presented at Ortho-McNeil Pharmaceutical regional sales meeting; April 17, 1998; Frontenac, MO.

INTERNET PUBLICATIONS

Citardi MJ. Current Procedural Technology: History, structure, process & controversies. *UT ORL Update* (<http://www.ut-ent.net/current-procedural-technology-history-structure-process-controversies>). December 11, 2009.

- Citardi MJ.** The diagnosis of asthma in otorhinolaryngology patients. *UT ORL Update* (<http://www.ut-ent.net/diagnosis-asthma-otorhinolaryngology-patients>). August 12, 2009.
- Citardi MJ.** The emerging role for intraoperative imaging in surgical rhinology. *UT ORL Update* (<http://www.ut-ent.net/emerging-role-intraoperative-imaging-surgical-rhinology>). February 5, 2009.
- Citardi MJ.** New ethmoid spacer for drug delivery. *UT ORL Update* (<http://www.ut-ent.net/ethmoid-spacer-drug-delivery>). November 20, 2008.
- Citardi MJ.** Report from the September, 1999 American Rhinologic Society scientific session.. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1999; volume 2, issue 5.
- Citardi MJ.** The leukotriene pathway in sinonasal polyposis. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1999; volume 2, issue 4.
- Citardi MJ.** Commentary: Invasive fungal infection of the nasal and sinus region. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1999; volume 4, issue 4.
- Sillers MJ, **Citardi MJ.** Endoscopic modified Lothrop procedure ("The frontal drill-out). *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1999; volume 2, issue 3.
- Sillers MJ, **Citardi MJ.** Osteoplastic frontal sinusotomy without obliteration. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1999; volume 2, issue 2.
- Citardi MJ, Silbers MJ, Kuhn FA.** Frontal sinus surgery: the "above & below approach" (endoscopic trephination & endoscopic frontal sinusotomy. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1999; volume 2, issue 1.
- Citardi MJ, Silbers MJ.** Endoscopic frontal sinusotomy. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1998; volume 1, issue 5.
- Sillers MJ, **Citardi MJ.** The anatomy of the frontal sinus and frontal recess. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1998; volume 1, issue 4.
- Citardi MJ.** Commentary: Sinogenic intracranial abscess presenting as orbital cellulitis. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1998; volume 1, issue 3.
- Citardi MJ, Silbers MJ.** Contemporary management of chronic frontal sinusitis. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1998; volume 1, issue 3.
- Sillers MJ, **Citardi MJ.** Endoscopic maxillary antrostomy. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1998; volume 1, issue 2.
- Citardi MJ, Silbers MJ.** The management of chronic rhinosinusitis after failed sinus surgery. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.ork-hns.org/>). 1998; volume 1, issue 1.

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

Senior B, Conley D, Setzen M, **Citardi MJ**, Marple B, Steward D, Dillon J. Point of service imaging in otolaryngology. Presented at the 2010 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 26-29, 2010; Boston, MA.

Citardi MJ, Marple B, Steward D, Dillon J. Coding for innovation in 2010: Sleep, balloons and beyond. Presented at the 2010 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 26-29, 2010; Boston, MA.

Batra PS, **Citardi MJ**, Leong JL, Orlandi RR, Stankiewicz JA. Decision-making in frontal sinus surgery. Presented at the 2007 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 16-19, 2006; Washington, DC.

Batra PS, Wormald PJ, Hwang P, **Citardi MJ**. Contemporary evaluation of recalcitrant rhinosinusitis. Presented at the 2006 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 17-20, 2006; Toronto, Canada.

Citardi MJ, Batra PS, Kraus D, Stammberger H. Endoscopic management of anterior skull base neoplasia. Presented at the 2006 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 17-20, 2006; Toronto, Canada.

Citardi MJ, Batra PS, Sillers MJ. Pitfalls in intraoperative surgical navigation. Presented at the 2005 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 25-28, 2005; Los Angeles, CA.

Schlosser R, **Citardi MJ**, Hwang PH, Palmer JP. Image-guided sinus surgery: past, present and future. Presented at the 2005 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 25-28, 2005; Los Angeles, CA.

Roth M, Fried MP, **Citardi MJ**, Leopold DA, **Citardi MJ**. Computer-aided image-guidance for ESS; focus on safety. Presented at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 22-25, 2002; San Diego, CA.

Sillers MJ, Mirante JP, Marple BF, Casiano RR, Poole MD, **Citardi MJ**. Controversies in the management of chronic frontal sinusitis. Presented at American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 22-25, 2002; San Diego, CA.

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

Citardi MJ, Melroy C, Graham S. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 2009 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 26-29, 2010; Boston, MA.

Fakhri S, Luong A, **Citardi MJ**. Comprehensive management of allergic fungal rhinosinusitis. Presented at the 2009 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 26-29, 2010; Boston, MA.

Sillers MJ, **Citardi MJ**, Melroy C. Advanced techniques in frontal sinus surgery. Presented at the 2009 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 26-29, 2010; Boston, MA.

Citardi MJ, Kuhn FA, Melroy C, Graham S. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 2009 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; October 4-7, 2009; San Diego, CA.

Fakhri S, Luong A, **Citardi MJ**. Comprehensive management of allergic fungal rhinosinusitis. Presented at the 2009 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; October 4-7, 2009; San Diego, CA.

Sillers MJ, **Citardi MJ**, Melroy C, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 2009 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; October 4-7, 2009; San Diego, CA.

Citardi MJ, Batra PS, Fakhri S. Endoscopic management of anterior skull base neoplasia. Presented at the 2009 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; October 4-7, 2009; San Diego, CA.

Citardi MJ, Kuhn FA, Graham S. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 2008 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 21-24, 2008; Chicago, IL.

Sillers MJ, **Citardi MJ**, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 2008 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 21-24, 2008; Chicago, IL.

Citardi MJ, Batra PS, Fakhri S. Endoscopic management of anterior skull base neoplasia. Presented at the 2008 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 21-24, 2008; Chicago, IL.

Citardi MJ, Batra PS. Contemporary endoscopic management of inverted papilloma. Presented at the 2007 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 16-19, 2007; Washington, DC.

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Citardi MJ, Batra PS. Contemporary endoscopic management of inverted papilloma. Presented at the 2006 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 17-20, 2006; Toronto, Canada.

Citardi MJ, Batra PS, Sillers MJ. Pitfalls in intraoperative surgical navigation. Presented at the 2006 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 17-20, 2006; Toronto, Canada.

Citardi MJ, Kuhn FA, Graham S. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 2006 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 17-20, 2006; Toronto, Canada.

Sillers MJ, **Citardi MJ**, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 2006 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 17-20, 2006; Toronto, Canada.

Palmer J, Kuhn FA (Presented by Dubin M, **Citardi MJ**). Contemporary management of allergic fungal sinusitis. Presented at the 2005 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 25-28, 2005; Los Angeles, CA.

Citardi MJ, Kuhn FA, Graham S. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 2005 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 25-28, 2005; Los Angeles, CA.

Sillers MJ, **Citardi MJ**, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 2005 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 25-28, 2005; Los Angeles, CA.

Citardi MJ, Kuhn FA, Graham S. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 2004 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 19-22, 2004; New York, NY.

Citardi MJ, Batra PS, Lanza DC. Endoscopic management of sinonasal neoplasia. Presented at the 2004 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 19-22, 2004; New York, NY.

Sillers MJ, **Citardi MJ**, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 2004 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 19-22, 2004; New York, NY.

Citardi MJ, Kuhn FA, Graham S (Presented by Kuhn FA & Graham S). GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 2003 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 21-24, 2003; Orlando, FL.

Citardi MJ, Lanza DC (Presented by Lanza DC & Batra PS). Endoscopic management of sinonasal neoplasia. Presented at the 2003 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 21-24, 2003; Orlando, FL.

Sillers MJ, **Citardi MJ**, Kuhn FA (Presented by Sillers MJ & Kuhn FA). Advanced techniques in frontal sinus surgery. Presented at the 2003 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 21-24, 2003; Orlando, FL.

Citardi MJ, Kuhn FA, Graham S. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 2002 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 22-25, 2002. San Diego, CA.

Citardi MJ, Lanza DC. Endoscopic management of sinonasal neoplasia. Presented at the 2002 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 22-25, 2002. San Diego, CA.

Sillers MJ, **Citardi MJ**, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 2002 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 22-25, 2002. San Diego, CA.

Citardi MJ, Kuhn FA, Graham S. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 2001 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 9-12, 2001. Denver, CO.

Lanza DC, **Citardi MJ**. Endoscopic management of sinonasal neoplasia. Presented at the 2001 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 9-12, 2001. Denver, CO.

Sillers MJ, **Citardi MJ**. Surgical navigation in functional endoscopic sinus surgery. Presented at the 2001 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 9-12, 2001. Denver, CO.

Sillers MJ, **Citardi MJ**, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 2001 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 9-12, 2001. Denver, CO.

Vining E, **Citardi MJ**. The endoscopic management of epistaxis. Presented at the 2001 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 9-12, 2001. Denver, CO.

Citardi MJ, Kuhn FA, Graham S. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 2000 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 24-27, 2000. Washington, D.C.

Sillers MJ, **Citardi MJ**. Surgical navigation in functional endoscopic sinus surgery. Presented at the 2000 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 24-27, 2000. Washington, D.C.

Sillers M, **Citardi MJ**, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 2000 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 24-27, 2000. Washington, D.C.

Vining E, **Citardi MJ**. The endoscopic management of epistaxis. Presented at the 2000 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 24-27, 2000. Washington, D.C.

Kuhn FA, Graham S, **Citardi MJ**. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 1999 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 26-29, 1999. New Orleans, LA.

Sillers M, **Citardi MJ**. Surgical navigation in functional endoscopic sinus surgery. Presented at the 1999 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 26-29, 1999. New Orleans, LA.

Sillers M, **Citardi MJ**, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 1999 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 26-29, 1999. New Orleans, LA.

Vining E, **Citardi MJ**. The endoscopic management of epistaxis. Presented at the 1999 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 26-29, 1999. New Orleans, LA.

Kuhn FA, Graham S, **Citardi MJ**. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 1998 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 13-16, 1998; San Antonio, TX.

Sillers M, **Citardi MJ**, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 1998 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 13-16, 1998; San Antonio, TX.

Vining E, **Citardi MJ**. The endoscopic management of epistaxis. Presented at the 1998 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 13-16, 1998; San Antonio, TX.

Kuhn FA, Graham S, **Citardi MJ**. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 1997 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 7-10, 1997; San Francisco, CA.

Sillers M, **Citardi MJ**, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 1997 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 7-10, 1997; San Francisco, CA.

Vining E, **Citardi MJ**. The endoscopic management of epistaxis. Presented at the 1997 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 7-10, 1997; San Francisco, CA.

CONTINUING MEDICAL EDUCATION COURSE FACULTY

New York Rhinology Update. Sponsored by New York University School of Medicine and Albert Einstein School of Medicine, New York, NY (May 21-22, 2010). Laboratory instructor and panel member.

34th Midwinter Symposium on Practical Surgical Challenges in Otolaryngology. Sponsored by University of Illinois at Chicago Department of Otolaryngology, Snowmass, CO (February 15-19, 2010). Lecturer ("Balloon catheter applications in surgical rhinology," "Image-guided functional endoscopic sinus surgery," "Endoscopic management of CSF rhinorrhea," "Integrated approach for frontal sinus surgery").

2009 Advanced Rhinology Concepts. Sponsored by the University of Texas Medical School at Houston, Department of Otorhinolaryngology, Houston, TX (November 6-8, 2009). Co-director, lecturer ("Surgical navigation," "Postoperative care," "Fungal rhinosinusitis classification," "Endoscopic management of epistaxis," "Sinonasal neoplasia: Technology & Techniques," "Frontal sinus anatomy" and "Endoscopic trephination") and laboratory instructor.

33rd Midwinter Symposium on Practical Surgical Challenges in Otolaryngology. Sponsored by University of Illinois at Chicago Department of Otolaryngology, Snowmass, CO (February 16-20, 2009). Lecturer ("Sinonasal anatomy," "Medical management of rhinosinusitis," "Endoscopic management of epistaxis") and panel member (rhinology).

Cleveland Clinic Otolaryngology Symposium 2008. Sponsored by the Cleveland Clinic Head and Neck Institute, Naples, FL (April 3-5, 2008). Lecturer ("FESS: How I do it," "Image-guided functional endoscopic sinus surgery," "Endoscopic management of epistaxis," "Integrated approach for frontal sinusitis," and "Balloon-catheter applications in rhinology,").

32nd Midwinter Symposium on Practical Surgical Challenges in Otolaryngology. Sponsored by University of Illinois at Chicago Department of Otolaryngology, Snowmass, CO (February 18-22, 2008). Lecturer ("Endoscopic management of sinonasal neoplasia," "Image-guided functional

endoscopic sinus surgery," "Endoscopic management of CSF rhinorrhea") and panel member (rhinology).

Advanced Techniques in Endoscopic Sinus Surgery. Sponsored by California Sinus Institute, San Francisco, CA (February 15-16, 2008). Laboratory instructor, lecturer ("Endoscopic management of sinonasal neoplasia: rationale, technology, techniques & outcomes, " "Image-guided endoscopic sinus surgery" and panel member ("What to do when all else fails").

New York Rhinology Update. Sponsored by New York University School of Medicine and Albert Einstein School of Medicine, New York, NY (May 18-20, 2007). Laboratory instructor and panel member ("Medical & allergic management of chronic rhinosinusitis," "Image-guided endoscopic sinus surgery," "Allergic fungal sinusitis," "My worst case").

Cleveland Clinic Otolaryngology Symposium 2007. Sponsored by the Cleveland Clinic Head and Neck Institute, Naples, FL (March 15-17, 2007). Lecturer ("FESS: How I do it," "Rhinopathy differential diagnosis," "Fungal rhinosinusitis classification," "Postoperative care," "Endoscopic sphenoidotomy," "Middle turbinate management," and "Microbiologic/bacterial factors in rhinosinusitis").

31th Midwinter Symposium on Practical Surgical Challenges in Otolaryngology. Sponsored by University of Illinois at Chicago Department of Otolaryngology, Snowmass, CO (February 19-23, 2007). Lecturer ("Endoscopic management of inverted papilloma," "Endoscopic management of epistaxis," "Integrated approach for frontal sinusitis") and panel member (rhinology).

Advanced Techniques in Endoscopic Sinus Surgery. Sponsored by California Sinus Institute, San Francisco, CA (February 16-17, 2007). Laboratory instructor and lecturer ("Endoscopic management of sinonasal neoplasia: rationale, technology, techniques & outcomes, " "Image-guided endoscopic sinus surgery").

New York Rhinology Update. Sponsored by New York University School of Medicine and Albert Einstein School of Medicine, New York, NY (April 21-23, 2006). Laboratory instructor and panel member ("Medical & allergic management of chronic rhinosinusitis, " "Image-Guided Endoscopic Sinus Surgery,").

Cleveland Clinic Otolaryngology Symposium 2006: Contemporary Techniques for Clinical Practice. Sponsored by the Cleveland Clinic Head and Neck Institute, Naples, FL (March 16-18, 2006). Lecturer ("FESS: How I do it," "Pitfalls in surgical navigation," "Endoscopic management of epistaxis," "Frontal sinus surgery: the integrated approach," "Frontal sinus anatomy," and "Endoscopic frontal sinusotomy").

30th Midwinter Symposium on Practical Surgical Challenges in Otolaryngology. Sponsored by University of Illinois at Chicago Department of Otolaryngology, Snowmass, CO (February 20-24, 2006). Lecturer ("Image-guided functional endoscopic sinus surgery," "Endoscopic sinonasal anatomy," "Endoscopic management of epistaxis," "Middle turbinate management,") and panel member (rhinology topics).

2005 Advanced Rhinology Concepts. Sponsored by the Section of Nasal and Sinus Disorders, Head & Neck Institute, Cleveland Clinic Foundation, Cleveland, OH (November 10-12, 2005). Course co-director (with Pete S. Batra, MD), lecturer ("Endoscopic sphenoidotomy," "Rhinopathy differential diagnosis," "Frontal sinus anatomy," "Endoscopic trephination & frontal sinus rescue," "Technology and rationale for endoscopic management of sinonasal neoplasia," "Image-guided functional endoscopic sinus surgery," "Image-guided surgery reimbursement & coding"), panel organizer ("Frontal sinus," and "Sinonasal neoplasia") and laboratory instructor.

University of Iowa Functional Endoscopic Sinus Surgery Course. Sponsored by University of Iowa Carver College of Medicine (June 3-4, 2005). Laboratory instructor and lecturer ("Endoscopic anatomy of the paranasal sinuses," "Image-guided sinus surgery," "Endoscopic repair of CSF leaks," and "Endoscopic management of nasal and sinus tumors").

New York Rhinology Update. Sponsored by New York University School of Medicine and Albert Einstein School of Medicine, New York, NY (April 8-10, 2005). Laboratory instructor and panel

member ("Computer-aided surgery," "Fungal sinusitis," "Medical management," and "Frontal sinus surgery").

Cleveland Clinic Otolaryngology Symposium 2005: Contemporary Techniques for Clinical Practice. Sponsored by the Cleveland Clinic Head and Neck Institute, Naples, FL (March 18-20, 2005). Lecturer ("Medical treatment strategy," "Rhinitis differential diagnosis," "Electronic medical record: the rhinology perspective," and "Endoscopic management of sinonasal neoplasia: technical considerations").

Current Techniques in Endoscopic Sinus Surgery. Sponsored by University of British Columbia, Departments of Otolaryngology and Anatomy, Vancouver, BC, Canada (July 19-20, 2004). Laboratory instructor and lecturer ("Image-guided functional endoscopic sinus surgery," "Endoscopic management of epistaxis," "Endoscopic trephination," and "Middle turbinate management").

New York Rhinology and Sleep Disordered Breathing Update. Sponsored by New York University School of Medicine and Albert Einstein School of Medicine, New York, NY (April 2-4, 2004). Laboratory instructor and panel member ("Computer-aided surgery," "Revision sinus surgery," and "Frontal sinus surgery").

Georgia Nasal & Sinus Institute Advanced Functional Endoscopic Sinus Surgery Course. Sponsored by the Georgia Nasal & Sinus Institute, Savannah, GA (April 1-3, 2004). Laboratory instructor and lecturer ("Endoscopic trephination: the above & below approach," "Frontal sinus rescue Procedure," "Image-guided functional endoscopic sinus surgery" and "Endoscopic epistaxis treatment").

Cleveland Clinic Otolaryngology Symposium 2004: Contemporary Techniques for Clinical Practice. Sponsored by the Cleveland Clinic Head and Neck Institute, Naples, FL (March 18-20, 2004). Lecturer ("Medical treatment strategy," "Frontal sinus surgery concepts," "Endoscopic management of epistaxis," and "Controversies in coding")

Advances in Endoscopic Management of Nasal & Sinus Disorders. Sponsored by the Section of Nasal and Sinus Disorders, Department of Otolaryngology & Communicative Disorders, Cleveland Clinic Foundation, Cleveland, OH (November 6-8, 2003). Course co-director (with Pete S. Batra, M.D. and Donald C. Lanza, M.D.), lecturer ("Computer-aided surgery," "Fungal rhinosinusitis: making the right diagnosis," "Key points in frontal sinus anatomy," "Frontal sinus rescue procedure") and laboratory instructor.

88th Annual Anatomy and Histopathology of the Head, Neck and Temporal Bone. Sponsored by Indiana University School of Medicine Department of Otolaryngology-Head and Neck Surgery, Indianapolis, IN (July 8-17, 2002). Lecturer ("Frontal & sphenoid sinus anatomy," "Principles of registration," "Endoscopic frontal sinusotomy," "Endoscopic management of sinonasal neoplasia," and "Fungal sinusitis") and laboratory instructor.

New York Rhinology and Sleep Disordered Breathing Update. Sponsored by New York University School of Medicine and Albert Einstein School of Medicine, New York, NY (April 11-13, 2003). Laboratory instructor and panel member ("Computer-aided surgery," "Frontal sinus surgery," and "Revision sinus surgery").

Georgia Nasal & Sinus Institute Advanced Functional Endoscopic Sinus Surgery Course. Sponsored by the Georgia Nasal & Sinus Institute, Savannah, GA (April 3-4, 2003). Laboratory instructor and lecturer ("Endoscopic trephination: the above & below approach," "Frontal sinus rescue Procedure," "Image-guided functional endoscopic sinus surgery" and "Endoscopic epistaxis treatment").

Cleveland Clinic Otolaryngology Symposium 2003: Contemporary Techniques for Clinical Practice. Sponsored by Department of Otolaryngology & Communicative Disorders, Cleveland Clinic Foundation, Naples, FL (March 20-22, 2003). Lecturer ("Traditional classification of fungal sinusitis," "Image-guided functional endoscopic sinus surgery," "Demystifying the sphenoid sinus: anatomy & physiology," and "Endoscopic management of neoplasia").

27th Midwinter Symposium on Practical Surgical Challenges in Otolaryngology. Sponsored by University of Illinois at Chicago Department of Otolaryngology, Snowmass, CO (February 17-21, 2003). Lecturer ("Image-guided functional endoscopic sinus surgery," "Endoscopic management of sinonasal neoplasia," "Fungal sinusitis," "Sinonasal neoplasia,") and panel member (Rhinology issues).

87th Annual Anatomy and Histopathology of the Head, Neck and Temporal Bone. Sponsored by Indiana University School of Medicine Department of Otolaryngology-Head and Neck Surgery, Indianapolis, IN (July 8-17, 2002). Lecturer ("Integrated approach for frontal sinusitis," "Endoscopic management of epistaxis," "Endoscopic anatomy of the paranasal sinuses," and "Image-guided functional endoscopic sinus surgery") and laboratory instructor.

Image-Guided Sinus Surgery for the Otolaryngologist. Sponsored by University of Illinois at Chicago Department of Otolaryngology, Chicago, IL (June 21-23, 2002). Lecturer ("Principles of registration," and "Image-guided functional endoscopic sinus surgery") and laboratory instructor.

Cleveland Clinic Otolaryngology Symposium 2002: Contemporary Techniques for Clinical Practice. Sponsored by Department of Otolaryngology & Communicative Disorders, Cleveland Clinic Foundation, Marco Island, FL (March 21-23, 2002). Course co-director (with David Green, M.D.), and lecturer ("The rhinitides," "Image-guided functional endoscopic sinus surgery," "Integrated approach for frontal sinusitis," and "Endoscopic management of epistaxis").

26th Midwinter Symposium on Practical Surgical Challenges in Otolaryngology. Sponsored by University of Illinois at Chicago Department of Otolaryngology, Snowmass, CO (February 18-22, 2002). Lecturer ("Image-guided functional endoscopic sinus surgery," "Endoscopic management of epistaxis," "Integrated approach for frontal sinusitis," "Transsphenoidal hypophysectomy," "Bad Results in sinus surgery," and "Endoscopic management of CSF rhinorrhea").

Advances in Endoscopic Management of Nasal & Sinus Disorders. Sponsored by the Section of Nasal and Sinus Disorders, Department of Otolaryngology & Communicative Disorders, Cleveland Clinic Foundation, Cleveland, OH (November 1-3-, 2001). Course co-director (with Donald C. Lanza, M.D.), lecturer ("Anatomic landmarks for sinus surgery," "Diagnosis of the rhinitides," "Advances in Image-Guided FESS") and laboratory instructor.

26th Advanced Course: Image-Guided Functional Endoscopic Sinus Surgery. Sponsored by the Georgia Nasal & Sinus Institute, Savannah, GA (October 11-13, 2001). Laboratory instructor and lecturer ("Endoscopic Trephination: The Above & Below Approach," "Frontal Sinus Rescue Procedure," "Image-Guided Functional Endoscopic Sinus Surgery," "Postoperative Care" and "Endoscopic Epistaxis Treatment").

25nd Advanced Course: Image-Guided Functional Endoscopic Sinus Surgery. Sponsored by the Georgia Nasal & Sinus Institute, Savannah, GA (April 5-7, 2001). Laboratory instructor and lecturer ("Endoscopic Trephination: The Above & Below Approach," "Frontal Sinus Rescue Procedure," "Postoperative Care," and "Endoscopic Epistaxis Treatment").

23rd Advanced Course: Image-Guided Functional Endoscopic Sinus Surgery. Sponsored by the Georgia Rhinology & Sinus Institute, Savannah, GA (October 14-16, 1999). Laboratory instructor and lecturer ("Frontal Sinus Surgery: The Above and Below Approach," "Frontal Sinus Rescue After Middle Turbinate Resection," "Image-guided Functional Endoscopic Sinus Surgery," "Osteoplastic Frontal Sinusotomy Without Obliteration," and "Endoscopic Epistaxis Treatment").

Sinusitis: Into the New Millennium. Sponsored by the Saint Louis University School of Medicine, St. Louis, MO (April 17, 1999). Lecturer ("Nasal Polyps – Medical and Surgical Therapy," "Emerging Issues and Technology in Surgical Rhinology," "What to do When the Usual Measures Fail – Surgical Failures").

22nd Advanced Course: Image-Guided Functional Endoscopic Sinus Surgery. Sponsored by the Georgia Rhinology & Sinus Center, Savannah, GA (April 8-10, 1999). Laboratory instructor and lecturer ("Frontal Sinus Surgery: The Above and Below Approach," "Frontal Sinus Rescue After Middle Turbinate Resection," and "Endoscopic Epistaxis Treatment").

21st Advanced Course: Image-Guided Functional Endoscopic Sinus Surgery. Sponsored by the Georgia Rhinology & Sinus Center, Savannah, GA (October 8-10, 1998). Laboratory instructor and lecturer. ("Frontal Sinus Surgery: The Above and Below Approach," "Frontal Sinus Rescue After Middle Turbinate Resection," and "Endoscopic Epistaxis Treatment").

20th Advanced Course: Image-Guided Functional Endoscopic Sinus Surgery. Sponsored by the Georgia Rhinology & Sinus Center, Savannah, GA (April 2-4, 1998). Laboratory instructor and lecturer ("Frontal Sinus Surgery: The Above and Below Approach," "Frontal Sinus Rescue After Middle Turbinate Resection," and "Endoscopic Epistaxis Treatment").

19th Advanced Course: Image-Guided Functional Endoscopic Sinus Surgery. Sponsored by the Georgia Rhinology & Sinus Center, Savannah, GA (October 2-4, 1997). Laboratory instructor and lecturer ("Frontal Sinus Surgery: The Above and Below Approach (Endoscopic and Trephine)," "Frontal Sinus Rescue After Middle Turbinate Resection," and "Endoscopic Epistaxis Treatment").

18th Advanced Course: Image-Guided Functional Endoscopic Sinus Surgery. Sponsored by the Georgia Rhinology & Sinus Center, Savannah, GA (April 3-5, 1997). Laboratory instructor and lecturer ("Lateral Nasal Wall Anatomy," "Surgical Failures" panel discussion, "Frontal Sinus Surgery: The Above and Below Approach (Endoscopic and Trephine)," "Frontal Sinus Rescue After Middle Turbinate Resection," and "Endoscopic Epistaxis Treatment").

17th Advanced Functional Endoscopic Sinus Surgery Course. Sponsored by the Georgia Rhinology & Sinus Center, Savannah, GA (October 23-26, 1996). Laboratory instructor and lecturer ("Patterns of Recurrent/Persistent Sinusitis After Failed Endoscopic Sinus Surgery," "Frontal Sinus Surgery: The Above and Below Approach," "Frontal Sinus Obliteration," "External Frontoethmoidectomy and the Sewall-Boyden Flap," and "Endoscopic Sphenopalatine Artery Ligation").

Office-Based Laser Procedures in Otolaryngology. Sponsored by the Section of Otolaryngology, Yale University School of Medicine, New Haven, CT (November 5, 1996). Lecturer ("Laser Physics and Safety").

INTERNATIONAL MEDICAL EDUCATION COURSE FACULTY

Patología Inflammatoria de la Vía Aérea Superior. Sponsored by Hospital Angeles Del Carmen, Guadalajara, Mexico (January 28-30, 2010). Lecturer ("Rhinopathy differential diagnosis," "Fungal rhinosinusitis classification," "Integrated approach for frontal sinus surgery," "Image-guided functional endoscopic sinus surgery," "Post operative care after sinus surgery").

2009 Copenhagen Advanced FESS Course. Sponsored by the University of Copenhagen, Copenhagen, Denmark (November 18-19, 2009). Lecturer ("Applied Sinus Anatomy" and "Balloon catheter applications") and laboratory instructor.

2009 Middle East Update in Otolaryngology. Sponsored by the Middle East Academy of Otolaryngology-Head and Neck Surgery, Abu Dhabi, UAE (April 1-3, 2009). Lecturer ("Rhinopathy differential diagnosis," "Integrated approach to frontal sinus surgery," "Image-guided functional endoscopic sinus surgery," "Management of inverted papilloma," and "Endoscopic management of anterior skull base neoplasia") and panelist (rhinology case studies).

ENT Instructional Course Week 2008/12th Functional Endoscopic Sinus Surgery Course. Sponsored by Singapore General Hospital Postgraduate Medical Institute, Singapore (July 6-8, 2008). Lecturer ("Current medical management of sinus disease," "Balloon sinuplasty: does it have a role?," "Nasal polyposis and fungal sinusitis," "Frontal recess surgery & the integrated approach," "Surgery of the medial orbital wall," "Intraoperative navigational devices," and "Endoscopic surgery for sinonasal *New York Rhinology Update.* Sponsored by New York University School of Medicine and Albert Einstein School of Medicine, New York, NY (May 16-18, 2008). Laboratory instructor and panel member ("Medical & allergic management of chronic rhinosinusitis," "My worst case" tumors") and laboratory instructor.

Middle East Update in Otolaryngology. Sponsored by the Middle East Academy of Otolaryngology-Head and Neck Surgery, Dubai, UAE (January 18-20, 2006). Lecturer ("Image-guided functional endoscopic sinus surgery," "Frontal sinus anatomy and endoscopic frontal sinusotomy," "Middle

turbinate management," "Endoscopic management of sinonasal neoplasia," and "The future of Rhinologic Surgery")

Cirurgia Funcional Endoscopica de la Nariz y Senos Paranasales. Sponsored by Hospital de Especialidades del Centro Medico Nacional Siglo XXI, Mexico City, MX (September 7-9, 2005). Prosector and lecturer ("Image guided functional endoscopic sinus surgery," "Endoscopic management of sinonasal neoplasia," "Rhinopathy differential diagnosis," "Management of the middle turbinate," "Integrated approach to frontal sinus surgery," "Transsphenoidal hypophysectomy," "The future of rhinologic surgery: from image-guided surgery to telemedicine.")

Curso de Cirugia Endoscopica de De Base de Cranio. Sponsored by Hospital Santa Engracia, Garza Garcia, NL, Mexico (August 31, 2001-September 1, 2001). Laboratory instructor and lecturer ("Computer-aided Otorhinolaryngology-Head and Neck Surgery," "Contemporary Concepts in Frontal Sinus Surgery," and "Minimally Invasive Management of Sinonasal Neoplasia.").

Curso Teórico-Práctico de Cirugía Funcional Endoscopica de Senos Paranasales. Sponsored by the Colegio de Otorrinolaringología y Cirugía de Casbeza y Cuello de Baja California, A.C., Tijuana, Mexico (March 26-28, 1998). Laboratory instructor and lecturer ("Endoscopic Frontal Sinuostomy and Endoscopic Trephination," "Endoscopic Management of Epistaxis" "Image-guided Functional Endoscopic Sinus Surgery," "Endoscopic Management of Pituitary Adenoma," and "Bad Results in Sinus Surgery").

RESIDENT COURSE FACULTY

Texas Sinus Institute Resident Sinus Course. Sponsored by the University of Texas Medical School at Houston Department of Otorhinolaryngology-Head and Neck Surgery, Houston, TX (March 27, 2009). Laboratory instructor.

UAMS Sinus Course. Sponsored by the University of Arkansas Medical School Department of Otolaryngology, Little Rock, AK (August 17-19, 2007). Laboratory instructor and lecturer ("Sinonasal anatomy," "Basic FESS techniques," "The middle turbinate," "The integrated approach for frontal sinus surgery," and "Endoscopic management of CSF rhinorrhea").

Cleveland Clinic Resident Sinus Course. Sponsored by the Cleveland Clinic Head & Neck Institute, Section of Nasal & Sinus Disorders, Cleveland, OH (February 25, 2006). Course director, laboratory instructor and lecturer ("Basic FESS techniques").

ORL-HNS RPAC Educational Day.. Sponsored Ohio University College of Osteopathic Medicine (August 5, 2004). Laboratory instructor and lecturer ("Sinonasal Polyposis").

Resident Sinus Course. Sponsored by the Georgia Rhinology & Sinus Center, Savannah, GA (February 19-20, 1999). Laboratory instructor and lecturer ("Post-Operative Care").

Saint Louis University Resident Sinus Course. Sponsored by the Saint Louis University Department of Otolaryngology-Head and Neck Surgery, St. Louis, MO (June 6, 1998). Course director, laboratory instructor and lecturer ("Lateral Nasal Wall Anatomy," "Endoscopic Management of Epistaxis," "Frontal Sinus: Anatomy & Integrated Approach," and "Post-operative Care").

Resident Sinus Course. Sponsored by the Georgia Rhinology & Sinus Center, Savannah, GA (February 20-21, 1998). Laboratory instructor and lecturer ("Post-Operative Care").

COMMITTEES AND OTHER PROFESSIONAL ACTIVITIES

Harris County Medical Society Executive Board (UTHealth representative)	2011
American Academy of Otolaryngology-Head & Neck Surgery Rhinology & Paranasal Sinus Committee (consultant)	2010-present
American Academy of Otolaryngology-Head & Neck Surgery CPT & Relative Value Committee	2010-present
American Rhinologic Society Awards Committee	2010-present
Memorial Hermann International Services Physician Leadership Committee	2010-present

MHMD (formerly Memorial Hermann Health Net Providers) Board of Directors	2010-present
University Eye Associates Board of Directors	2010-present
University of Texas Medical School at Houston CME Committee	2010-present
Memorial Hermann-Texas Medical Center Operating Room Committee (chair)	2009-present
UT Physicians Board	2009-present
Memorial Hermann-Texas Medical Center Physician Advisory Panel	2008-present
Memorial Hermann-Texas Medical Center Operating Room Committee	2008-present
<i>Laryngoscope</i> Review Panel	2001-present
<i>Otolaryngology-Head and Neck Surgery</i> Review Panel	2000-present
<i>American Journal of Rhinology</i> Review Panel	1998-present
Quest Medical consultant	2007-2009
American Rhinologic Society Patient Advocacy Committee	2006-2010
Naryx Scientific Advisory Board	2005-2008
American Academy of Otolaryngology-Head and Neck Surgery Instruction Course Advisory Committee	2002-2008
General Electric Healthcare Navigation & Visualization Scientific Advisory Board	2003-2007
American Rhinologic Society Information Technology Officer	2002-2006
American Academy of Otolaryngology-Head and Neck Surgery Medical Devices and Drugs Committee	2000-2006
American Rhinologic Society Board of Directors	2002-2005
SinusPharmaceuticals Scientific Advisory Board	2001-2005
American Academy of Otolaryngology-Head and Neck Surgery Practice Expense Consensus Panel, ARS representative	2001-2004
CBYON Scientific Advisory Board	1999-2003
American Academy of Otolaryngology-Head and Neck Surgery Board of Governors Leadership Development Program	2002-2003
American Academy of Otolaryngology-Head and Neck Surgery Ethics Committee	1998-2003
Cleveland Clinic Foundation Department of Otolaryngology & Communicative Disorders Departmental Quality Assurance Co-Officer	2001-2002
Cleveland Clinic Foundation Surgical Patient Care Committee	2001-2002
American Academy of Otolaryngology-Head and Neck Surgery Instruction Course Advisory Committee, consultant	2001-2002
Discussion Groups Associate Editor, <i>International Online Journal of Otorhinolaryngology-Head and Neck Surgery</i>	1999-2000
American Rhinologic Society Internet site Coordinator	1998-2002
<i>International On-Line Journal of Otorhinolaryngology-Head and Neck Surgery</i> (www.orl-hns.org) Editorial Board	1998-2000
Saint Louis University Hospital Operating Room Committee	2000
Xomed ENT Study Group	1998
SLU Otolaryngology Clinical Trials Unit Co-director,	1997-2000
Departmental Liaison to SLUCare HCFA Compliance Committee	1997-2000
Saint Louis University Department of Otolaryngology-Head and Neck Surgery Departmental Internet Coordinator	1997-2000

PROFESSIONAL ORGANIZATIONS

Harris County Medical Society, member	2008-present
Texas Medical Association, member	2008-present
North American Skull Base Society, member	2006-present

American Academy of Otolaryngic Allergy, associate member	2005-present
Society of University Otolaryngologists-Head and Neck Surgeons, member	2002-present
American College of Surgeons, fellow	2000-present
American Rhinologic Society, fellow	1998-present
American Academy of Otolaryngology-Head and Neck Surgery, fellow	1997-present
Academy of Medicine of Cleveland/Northern Ohio Medical Association, member	2004-2008
Northeastern Ohio Otolaryngology-Head & Neck Surgery Society, member	2002-2008
International Society for Computer-Aided Surgery	2000-2004
American Academy of Sleep Medicine	1999-2001
American Laryngological, Rhinological and Otological Society (The Triological Society), post-graduate fellow	1996-2000
The Ear, Nose and Throat Club of St. Louis	1999-2000
Missouri Society of Otolaryngology-Head and Neck Surgery	1997-2000
Missouri State Medical Society	1997-2000
American College of Surgeons, associate fellow	1997-2000
American Rhinologic Society, member	1997-1998
American Rhinologic Society, resident member	1995-1997
American Laryngological, Rhinological and Otological Society (The Triological Society), resident member	1993-1996
American Academy of Otolaryngology-Head and Neck Surgery, resident member	1992-1997
American Medical Association	1988-1997
Connecticut State Medical Society	1991-1996
Medical and Chirurgical Faculty of the State of Maryland	1988-1991
Environmental Mutagen Society	1985-1986

MEDICAL LICENSURE

Texas	2007-present
California	2003-present
New York	2003-present
Ohio	2000-present
Connecticut	2002-2006
Michigan	2002-2006
Pennsylvania	2001-2006
Illinois	1997-2005
Missouri	1997-2001
Georgia	1996-2003

INTERESTS

Cycling, finance, photography, politics, technology

REFERENCES

Furnished upon request.