

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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Houston, TX 77030
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PRESENT POSITION

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

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 1997-2000
Assistant Professor
SAINT LOUIS UNIVERSITY SCHOOL OF MEDICINE
St. Louis, Missouri

POST-GRADUATE TRAINING

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

EDUCATION

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

BOARD CERTIFICATION

American Board of Otolaryngology 1997

Certificate 15403

HONORS

Cleveland Clinic Innovator Award	2007
American Academy of Otolaryngology-Head and Neck Surgery Distinguished Service Award	2007
Cleveland Clinic Division of Surgery Leadership Development Course	2006-2007
Best Doctors in America	2005-2007
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 GRANTSAmerican 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

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.

Cleveland Clinic Foundation

ArthroCare ENT Research Grant

2006-present

\$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)

RESEARCH EXPERIENCE

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-present

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-present

Computer-aided surgery applications in rhinology and skull base surgery

Investigator: Martin J. Citardi, M.D.

Cleveland Clinic Foundation 2001-present

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 p16 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

- Batra PS, Leong JL, Lanza DC, **Citardi MJ**. Prospective analysis of epicutaneous testing for inhalant allergy. *Otolaryngology-Head and Neck Surgery*. In press.
- Citardi MJ**, Batra PS. Nose and paranasal sinuses. In: Lee KJ, ed. *Otolaryngology*. New York: McGraw-Hill. In press.
- Hughes GB, Lee J, Ruggieri PM and **Citardi MJ**. Surgery for cystic lesions of the petrous apex. In press.
- Roh HJ, Kim JK, **Citardi MJ**, Batra PS. The prevalence of human papilloma virus infection in sinonasal inverted papilloma specimens classified by histological grade. *American Journal of Rhinology*. In press.
- 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. In press.
- 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. *Arch Otolaryngol Head Neck Surg*. In press.
- Sautter NB, Batra PS, Citardi MJ. Endoscopic management of sphenoid sinus cerebrospinal fluid leaks. *Annals of Otolaryngology & Laryngology*. 2008; 117:32-39.
- 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.
- Sautter NB, Cannady SB, **Citardi MJ**, Batra PS. Comparison of Open. vs. Endoscopic Resection of Inverted Papilloma. *American Journal of Rhinology* . 2007; 21 : 320 – 323.
- 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;134:868-576.
- 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.
- Citardi MJ**. Future developments [in computer-aided otorhinolaryngology-head and neck surgery]. In: **Citardi MJ**, ed. *Computer-Aided Otorhinolaryngology-Head and Neck Surgery*. New York: Marcel Dekker, 2002. Chapter 25, pp.463-471.
- Currens J, Hutcheson PA, Slavin RG, **Citardi MJ**. Primary paranasal aspergillus granuloma: case report and review of the literature. *American Journal of Rhinology*. 2002; 16:165-168.
- Kokoska MS, **Citardi MJ**. Computer-aided craniomaxillofacial surgery. In: **Citardi MJ**, ed. *Computer-Aided Otorhinolaryngology-Head and Neck Surgery*. New York: Marcel Dekker, 2002. Chapter 24, pp.443-461.
- Shahidi R, Bax MR, Maurer CR, Johnson JA, Wilkinson EP, Wang B, West JB, **Citardi MJ**, Manwaring KH, Khadem R. Implementation, calibration and accuracy testing of an image-enhanced endoscopy system. *IEEE Transactions on Medical Imaging*. 2002; 21:1524-1535.
- Citardi MJ**. Computer-aided frontal sinus surgery. *Otolaryngologic Clinics of North America*. 2001; 34:111-122.

- Citardi MJ**, Herrmann B, Hollenbeak C, Stack BC, Cooper M, Bucholz RD. Comparison of scientific calipers and computer-enabled CT review for the measurement of skull base and craniomaxillofacial dimensions. *Skull Base Surgery: An Interdisciplinary Approach*. 2001; 11:5-11.
- Citardi MJ**, Javer AR, Kuhn FA. Revision endoscopic frontal sinusotomy with mucoperiosteal flap advancement: the frontal sinus rescue procedure. *Otolaryngologic Clinics of North America*. 2001; 34:123-132.
- Hurley DB, Smith GS, Vogler GA, Desponde Y, **Citardi MJ**. Leukotriene B4 levels in rabbit maxillary sinusitis: limitations of the current model. *American Journal of Rhinology*. 2001; 15:47-48.
- Kokoska MS, **Citardi MJ**. Computer-aided surgical reduction of facial fractures. *Facial Plastic Surgery*. 2001; 17: 169-179.
- Citardi MJ**. Surgical management of refractory chronic frontal sinusitis. *Current Opinion in Otolaryngology*. 2000; 8:22-26.
- Citardi MJ**, Cox AJ, Bucholz R. Acellular dermal allograft for sellar reconstruction after transsphenoidal hypophysectomy. *American Journal of Rhinology*. 2000; 14:69-73.
- Citardi MJ**, Hardeman S, Kokoska M. Computer-aided assessment of bony nasal pyramid dimensions. *Archives of Otolaryngology-Head and Neck Surgery*. 2000; 126:979-984.
- Citardi MJ**, Kokoska M. Computer-aided craniomaxillofacial surgery. *Facial Plastic Surgery Clinics of North America*. 2000; 8:97-106.
- Hurley DH, Javer A, Kuhn FA **Citardi MJ**. Endoscopic treatment of chronic frontal sinusitis associated with frontal sinus posterior table erosion. *American Journal of Rhinology*. 2000; 14:113-120.
- Kuhn FA, Javer A, Nagpal K, **Citardi MJ**. The frontal sinus rescue procedure: early experience and 3-year follow-up. *American Journal of Rhinology*. 2000; 14:211-216.
- Olson G, **Citardi MJ**. Image-guided functional endoscopic sinus surgery. *Otolaryngology-Head and Neck Surgery*. 2000;123:188-194.
- Citardi MJ**, Kuhn FA. Endoscopically guided frontal sinus beclomethasone instillation for refractory frontal sinus/recess mucosal edema and polyposis. *American Journal of Rhinology*. 1998; 12: 179-182.
- Citardi MJ**, Kuhn FA. Refractory posterior epistaxis. In: Gates GA, ed. *Current Therapy in Otolaryngology-Head and Neck Surgery*. St. Louis, MO: Mosby-Year Book, Inc., 1998.
- Kuhn FA, **Citardi MJ**. Advances in postoperative care following functional endoscopic sinus surgery. *Otolaryngologic Clinics of North America*. 1997; 30:479-490.
- Janjua TA, **Citardi MJ**, Sasaki CT. Sebaceous gland carcinoma: report of a case and review of the literature. *American Journal of Otolaryngology*. 1997; 18:1-5.
- Citardi MJ**, Abrahams JJ, 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. *Laryngoscope*. 1996; 106:1244-1247.
- Citardi MJ**, Estil J, Yanagisawa E. Videoendoscopic analysis of laryngeal function during laughter. *Annals of Otolaryngology, Rhinology & Laryngology*. 1996; 105:545-549.
- Berger SB, Chaloupka JC, Putnam CM, **Citardi MJ**, Lamb T, Sasaki CT. Hypervascular tumor of the buccal space in an adult as a late recurrence of juvenile angiofibroma. *AJNR: American Journal of Neuroradiology*. 1996;17:1384-1387.
- Chaloupka JC, Putnam CM, **Citardi MJ**, Ross DA, Sasaki CT. Endovascular therapy for the carotid blowout syndrome in head and neck surgical patients: diagnostic and managerial considerations. *AJNR: American Journal of Neuroradiology*. 1996; 17:843-52.
- Yanagisawa E, **Citardi MJ**. Endoscopic view of the infraorbital ethmoid cell (Haller cell). *Ear, Nose & Throat Journal*. 1996; 75:406-407.
- Yanagisawa E, **Citardi MJ**, Hirokawa R. Endoscopic view of sinonasal non-Hodgkin's lymphoma. *Ear, Nose & Throat Journal*. 1996; 75:277-278.

- Citardi MJ**, Janjua T, Abrahams JJ, Sasaki CT. Orbitoethmoid aneurysmal bone cyst. *Otolaryngology-Head and Neck Surgery*. 1996; 114:466-470.
- Yanagisawa E, **Citardi MJ**. Complications of canine fossa maxillary sinuscopy. *Ear, Nose & Throat Journal*. 1996; 75:14-16.
- Yanagisawa E, **Citardi MJ**. Endoscopic view of the naso-nasopharyngeal plexus. *Ear, Nose & Throat Journal*. 1995; 74:804-806.
- Citardi MJ**, Gracco C, Sasaki CT. The anatomy of the human larynx. In: Gould WJ, Rubin JS, Korovin, Sataloff R, ed. *Diagnosis and Treatment of Voice Disorders*. New York: Igaku-Shoin Publishers, 1995.
- Citardi MJ**, Chaloupka JC, Son YH, Ariyan S, Sasaki CT. Management of carotid artery rupture by monitored endovascular occlusion (1988-1994). *Laryngoscope*. 1995; 105:1086-1092.
- Yanagisawa E, **Citardi MJ**. Endoscopic view of hidden superior meatal polyps contributing to anosmia. *Ear, Nose & Throat Journal*. 1995; 74:74-75.
- Yanagisawa E, **Citardi MJ**. Endoscopic view of a foreign body in the nose. *Ear, Nose & Throat Journal*. 1995; 74:8-9.
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- Citardi MJ**, Traquina DN, Eisen R. Primitive foregut cysts: a cause of airway obstruction in the newborn. *Otolaryngology-Head and Neck Surgery*. 1994; 111:533-537.
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PRESENTATIONS AT NATIONAL AND INTERNATIONAL SCIENTIFIC MEETINGS

- Citardi MJ**. Balloon catheter applications in sinus surgery. Sociedad de Otorrinlaringología y Audiología del Centro Mexico Nacional annual meeting; January 26, 2008; Queretero, Mexico.
- Citardi MJ**. Endoscopic management of anterior skull base neoplasia. Sociedad de Otorrinlaringología y Audiología del Centro Mexico Nacional annual meeting; January 26, 2008; Queretero, Mexico.
- Citardi MJ**. Endoscopic management of inverted papilloma. Sociedad de Otorrinlaringología y Audiología del Centro Mexico Nacional annual meeting; January 26, 2008; Queretero, Mexico.
- Citardi MJ**. Postoperative care after sinus surgery. Sociedad de Otorrinlaringología y Audiología del Centro Mexico Nacional annual meeting; January 26, 2008; Queretero, Mexico.

- Cannady SB, Batra PS, Leahy R, **Citardi MJ**, Comhair S, Bodine M, Hazen SL, Erzurum SC. Oxidative damage in nasal polyposis. Presented at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 16-19, 2007; Washington, DC.
- Zafereo ME, Fakhri S, Prayson R, Batra PS, Lee JH, Lanza DC, **Citardi MJ**. Esthesioneuroblastoma: 25 years at a single institution. Presented at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 16-19, 2007; Washington, DC.
- Haydon R, Palmer J, **Citardi MJ**, Fornadley J, Brown R. The Unified Airway: Medical Management. Panel at the joint session of the American Rhinologic Society and the American Academy of Otolaryngic Allergy, September 17, 2007, Washington, DC.
- 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.
- Batra PS, Sautter NB, Cannady SB, **Citardi MJ**, Roh HJ. Comparison of open vs. endoscopic resection of inverted papilloma. Presented at the North American Skull Base Society Annual Meeting, May 24-28, 2007; Chicago, IL.
- 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.
- Citardi MJ**, Kanowitz S. Cadaveric model for balloon-assisted endoscopic paranasal sinus dissection without fluoroscopy. Presented at the American Rhinology Society spring meeting; April 26-27, 2007; San Diego, CA.
- Kanowitz S, Batra PS, **Citardi MJ**. Topical budesonide via mucosal atomization device in refractory postoperative chronic rhinosinusitis. Poster presented at the American Rhinology Society spring meeting; April 26-27, 2007; San Diego, CA.
- Kim JK, Yoon JK, **Citardi MJ**, Batra PS, Roh HJ. The prevalence of human papilloma virus infection in sinonasal inverted papilloma specimens classified by histological grade. Presented at the American Rhinology Society spring meeting; April 26-27, 2007; San Diego, CA.
- 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.
- Cannady S, **Citardi MJ**, Hoffman G, Batra PS. Sinonasal Wegener's granulomatosis: a single institution experience of 120 cases. Presented at the American Rhinology Society spring meeting; May 19-20, 2006; Chicago, IL.
- Sautter N, Batra PS, Cannady SC, **Citardi MJ**. Comparison of open vs. endoscopic resection of inverted papilloma. Presented at the American Rhinology Society spring meeting; May 19-20, 2006; Chicago, IL.
- Batra PS, Shipchandler TZ, **Citardi MJ**, Lanza DC. Outcomes for endoscopic resection of sinonasal squamous cell carcinoma. Presented at the North American Skull Base Society Annual Meeting, February 16-19, 2006; Phoenix, AZ.

Citardi MJ, Batra PS. Reconstruction of the skull base defects after minimally invasive endoscopic resection of anterior skull base neoplasms. Presented at the North American Skull Base Society Annual Meeting, February 16-19, 2006; Phoenix, AZ.

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. Presented at the North American Skull Base Society Annual Meeting, February 16-19, 2006; Phoenix, AZ.

Citardi MJ, Batra PS. CT-MR fusion for the management of skull base lesions. Presented at the North American Skull Base Society Annual Meeting, February 16-19, 2006; Phoenix, AZ.

Citardi MJ. Navigational devices in endoscopic sinus surgery. Plenary session presentation at the International Rhinologic Society meeting; October 26-28, 2005; Sydney, Australia.

Knott PD, Batra PS **Citardi MJ**. Contour-based & paired-point registration in a model for image-guided surgery. Presented at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 25-28, 2005; Los Angeles, CA.

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.

Friedman AD, Batra PS, Fakhri S, **Citardi MJ**, Lanza DC. Isolated sphenoid sinus disease: etiology and management. Poster presented at the 2004 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 19-22, 2004; New York, NY.

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

Citardi MJ, Song W, Batra PS, Lanza DC, Hazen SH. Tissue damage induced by eosinophil peroxidase in patients with chronic rhinosinusitis and sinonasal polyposis. Presented at the American Rhinologic Society spring meeting; April 30-May 1, 2004, Phoenix, AZ..

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..

Solares CA, Batra PS, Hall GS, **Citardi MJ**. Treatment of chronic rhinosinusitis exacerbations due to methicillin-resistant *Staphylococcus aureus* with mupirocin irrigations. Presented at the American Rhinologic Society spring meeting; April 30-May 1, 2004, Phoenix, AZ..

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 XVth 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 XVth 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 XVth 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 Otolological 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. 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 mucocoeles 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 paxlitaxel-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. Report from the September, 1999 American Rhinologic Society scientific session. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.oral-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.oral-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.oral-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.oral-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.oral-hns.org/>). 1999; volume 2, issue 2.

Citardi MJ, Sillers 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.oral-hns.org/>). 1999; volume 2, issue 1.

Citardi MJ, Sillers MJ. Endoscopic frontal sinusotomy. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.oral-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.oral-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.oral-hns.org/>). 1998; volume 1, issue 3.

Citardi MJ, Sillers MJ. Contemporary management of chronic frontal sinusitis. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.oral-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.oral-hns.org/>). 1998; volume 1, issue 2.

Citardi MJ, Sillers MJ. The management of chronic rhinosinusitis after failed sinus surgery. *International Online Journal of Otorhinolaryngology-Head and Neck Surgery* (<http://www.oral-hns.org/>). 1998; volume 1, issue 1.

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, 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.

Citardi MJ, Kuhn FA, Graham S. GS Gussack memorial: Bad results in endoscopic sinus surgery. Presented at the 2007 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 16-19, 2007; Washington, DC.

Sillers MJ, **Citardi MJ**, Kuhn FA. Advanced techniques in frontal sinus surgery. Presented at the 2007 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 16-19, 2007; Washington, DC.

Citardi MJ, Batra PS. Endoscopic management of anterior skull base neoplasia. Presented at the 2007 American Academy of Otolaryngology-Head and Neck Surgery annual meeting; September 16-19, 2007; Washington, DC.

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

32^h 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).

Middle East Update in Otolaryngology. Sponsored by the Middle East Academy of Otolaryngology-Head and Neck Surgery (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")

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.

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.")

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").

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.").

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”).

Curso Teórico-Práctico de Cirugía Funcional Endoscópica 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”).

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”).

RESIDENT COURSE FACULTY

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

American Academy of Otolaryngology-Head and Neck Surgery Medical Devices and Drugs Committee (consultant)	2006-2008
Naryx Scientific Advisory Board	2005-present
General Electric Healthcare Navigation & Visualization Scientific Advisory Board	2003-present
American Academy of Otolaryngology-Head and Neck Surgery Instruction Course Advisory Committee	2002-2008
<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
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.ornl-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

North American Skull Base Society, member	2006-present
American Academy of Otolaryngic Allergy, associate member	2005-present
Academy of Medicine of Cleveland/Northern Ohio Medical Association, member	2004-present
Northeastern Ohio Otolaryngology-Head & Neck Surgery Society,	2002-present

member	
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
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

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.