36th Annual Ogura Lectureship

Ricardo L. Carrau, MD, FACS

and 31st Annual Resident Research Day

June 9, 2017
8:00 a.m. – 3:30 p.m.

Eric P. Newman Education Center (EPNEC)
Seminar Room B, 2nd Floor
320 South Euclid Avenue
St. Louis, MO  63110

Presented By
The Department of Otolaryngology – Head & Neck Surgery
Ricardo L. Carrau, MD, FACS

Dr. Ricardo Carrau, Professor of Otolaryngology-Head & Neck Surgery at The Ohio State University, is Director of the Comprehensive Skull Base Surgery Program and Co-Director of the research education laboratory ALT-VISION (Anatomy Laboratory Toward Visuo-Spatial Innovations in Otolaryngology and Neurosurgery). The Comprehensive Skull Base Surgery Program is part of the Head & Neck Oncology Division at The James Cancer Hospital and Solove Research Institute at OSUMC. He also oversees the Sialendoscopy and Salivary Disorders Program and the Swallowing Disorders Rehabilitation Program.

Dr. Carrau’s clinical interests are diverse and include traditional and endoscopic skull base surgery, head & neck oncology, swallowing disorders, disorders of the salivary glands and sialendoscopy, disorders of the paranasal sinuses and endoscopic sinus surgery, and laryngotracheal stenosis. He previously served at the University of Pittsburgh Medical Center as the Medical Director of the Swallowing Disorders Center, Director of the Division of Maxillofacial Trauma and as a member of the Division of Rhinology and Allergy, Division of Head & Neck Oncologic Surgery, Division of Skull Base Surgery and the Minimally Invasive Neurosurgery Center.

Dr. Carrau is a recognized world expert in skull base surgery and a pioneer in endoscopic skull base surgery. He has been instrumental in developing techniques, defining indications, and solving many of the challenges presented by patients with pathologies in this complex area. He belongs to multiple professional organizations that match his clinical interests. Dr. Carrau has authored over 450 publications. In addition, he has contributed multiple seminal publications addressing the use of perioperative antibiotics, reconstructive surgeries of the airways and surgeries of the salivary glands and sialendoscopy.

PAPARELLA RESIDENT RESEARCH AWARD

Michael M. Paparella, MD has maintained a lifelong commitment to excellence in medicine and biomedical research which has had a positive impact at local, national and international levels. He is a renowned leader of otological research and he has been honored by each of the professional and scientific organizations in this field, including the American Otological Society Award of Merit. Perhaps his greatest influence has been through the training of otology researchers. Many former students have gone on to successful research careers and now chair departments of otolaryngology. His impacts on national and international otological research leave him without peer in this field. The Paparella Resident Research Award was established in 2003 to recognize outstanding research by residents in the Department of Otolaryngology-Head & Neck Surgery at Washington University.
RESIDENT RESEARCH DAY

8:00 am CONTINENTAL BREAKFAST

8:30 WELCOME AND INTRODUCTION
Craig A. Buchman, MD, FACS
Lindburg Professor and Head, Department of Otolaryngology

8:40 REMARKS CONCERNING RESIDENT RESEARCH
Jay F. Piccirillo, MD, FACS, CPI
Professor and Vice Chair for Research in Otolaryngology

8:45 OGURA LECTURE
Ricardo L. Carrau, MD, FACS
Evolution of Endoscopic Skull Base Surgery: A Personal Point of View

9:45 Paul Zolkind, MD (Mentors: Ravindra Uppaluri, MD, PhD & Gavin Dunn, MD, PhD)
Neoadjuvant Pembrolizumab in Surgically Resectable, Locally Advanced HPV Negative Head and Neck Squamous Cell Carcinoma

9:55 Parul Sinha, MBBS (Mentor: Jay F. Piccirillo, MD, FACS, CPI)
Baseline Cognitive Function and Communication among Oropharyngeal Cancer Patients

10:05 Emily Spataro, MD (Mentor: Brian Nussenbaum, MD, FACS)
Tracheostomy Complications and 30-Day Hospital Readmission Rates: A Prospective Analysis

10:15 5 MINUTE DISCUSSION

10:20 Melanie Townsend, MD (Mentor: Brian Nussenbaum, MD, FACS)
Multidisciplinary Clinic Management of Head and Neck Cancer: A Single Institution Experience

10:30 Heidi L’Esperance, MD (Mentor: Jason T. Rich, MD)
Morbidity and Mortality of Oncologic Resections in Octogenarian and Older Head and Neck Cancer Patients

10:40 Peter Vila, MD, MSPH (Mentor: Ryan Jackson, MD)
Antibiotic Prophylaxis in Clean-Contaminated Head and Neck Surgery: A Systematic Review and Meta-Analysis

10:50 5 MINUTE DISCUSSION FOLLOWED BY COFFEE BREAK
11:10 **Yzyy-Nong (Tina) Liou, MD** (Mentors: Judith E.C Lieu, MD, MSPH & Patrik Pipkorn, MD)  
Survival of Renal Cell Carcinoma Metastatic to Non-Thyroid Head and Neck Region: A Systematic Review

11:20 **Neel Bhatt, MD** (Mentor: Randal C. Paniello, MD, PhD, MBA, FACS)  
Quantitative Assessment of Laryngeal Innervation Using Compound Motor Action Potentials

11:30 **Wee Tin (Katherine) Kao, MD** (Mentor: Richard Chole, MD, PhD)  
*P. aeruginosa* Persisters Account for Chronicity in Implant Infections in the Absence of Biofilms

11:40 DISCUSSION / 11:45 LUNCH (Rooms 301, 303 & 305)

1:00pm **Lauren Roland, MD** (Mentor: Jay F. Piccirillo, MD, FACS, CPI)  
Risk for Development of Acute Invasive Fungal Sinusitis: A Case Control Study

1:10 **Jennifer Gross, MD** (Mentor: Judith E.C. Lieu, MD, MSPH)  
Predictors of Timing of Post-Tonsillectomy Hemorrhage

1:20 **Collin Chen, MD** (Mentor: Gregory H. Branham, MD)  
Repair of Mandible Angle Fractures: An Analysis of Complications and Re-operations

1:30 5 MINUTE DISCUSSION

1:40 **Omar A. Karadaghy–TL1** (Mentor: Jay F. Piccirillo, MD, FACS,CPI)  
Development and Validation of a Clinical Severity Staging System for Patients with Non-Metastatic Papillary Thyroid Carcinoma

1:50 **Jordan Licata** (Mentor: Patrik Pipkorn, MD)  
Development of a Prognostic Staging System for Recurrent Head and Neck Cancer

2:00 **Nicholas Scott-Wittenborn-WUMSIII** (Mentor: Jay F. Piccirillo, MD)  
The Treatment of HPV Positive Oropharyngeal Squamous Cell Carcinoma: a Multi-Center, Propensity Score Matched Cohort Study

2:10 5 MINUTE DISCUSSION

2:20 OGURA LECTURE  
**Ricardo L. Carrau, MD, FACS**  
Endoscopic Management of Posterior Epistaxis

3:30 DISCUSSION AND CLOSING REMARKS
Joseph H. Ogura, M.D.

Joseph H. Ogura, M.D. was a member of the Washington University School of Medicine from 1948 until 1982 at the time of his death. His past positions at Washington University School of Medicine and Barnes Hospital included Lindburg Professor and Head of the Department of Otolaryngology and Otolaryngologist-in-Chief. He was a member of 30 professional societies and held presidencies of the American Society of Head and Neck Surgery, the American Laryngeal Society, and the Triological Society.

The Endowment for the Ogura Lectureship was established in 1982 in his honor; support for the lectureship was raised through his grateful patients, friends, colleagues and graduates.

In 1986, the Resident Research Day was added to this program in appreciation of these outstanding men and women. The work presented by the residents represents their research experience. A minimum of three to six months of research for all our residents and a maximum of two and one half years for those in the Advance Scholars Program for career physician-scientists is on keeping with our goal of preparing scientific physicians and tomorrow’s leaders.

Former Ogura Lecturers

2016  Richard M. Rosenfeld, MD, MPH  1998  K. Thomas Robbins, MD  
2015  Richard A. Chole, MD, PhD  1997  Gordon B. Snow, MD  
2014  Bevan Yueh, MD, MPH  1996  Willard E. Fee, Jr., MD  
2013  Carol R. Bradford, MD  1995  Roger L. Crumley, MD  
2012  Jonas T. Johnson, MD  1994  John A. Kirchner, MD  
2011  Robin T. Cotton, MD, FRCSC  1993  David E. Schuller, MD  
2010  Jeffrey N. Myers, MD, PhD  1992  Charles J. Krause, MD  
2009  Michael G. Stewart, MD  1991  H. Bryan Neel III, MD, PhD  
2008  Patrick J. Gullane, MB, FRCSC  1990  Bryon J. Bailey, MD  
2007  Gregory T. Wolf, MD  1989  Charles W. Cummings, MD  
2006  Robert W. Bastian, MD  1988  Patrick J. Doyle, MD  
2005  Randal S. Weber, MD  1987  Hugh F. Biller, MD  
2004  Gerald B. Healy, MD  1986  Roger Boles, MD  
2003  Jennifer Rubin Grandis, MD  1985  Eugene N. Myers, MD  
2002  Wolfgang Steiner, MD  1984  Paul H. Ward, MD  
2001  Paul J. Donald, MD, FRCSC  1983  John J. Conley, MD  
2000  Marshall Strome, MD, MS  1983  Max L. Som, MD  
1999  Jesus Medina, MD, FACS
ABOUT THE ACTIVITY

OBJECTIVES
This activity is designed to provide research, outcomes, contemporary diagnosis and treatment information to otolaryngologists and related health care professionals. The intended result of this event is improvement in competence, performance and patient care. By the conclusion of this activity, participants will be able to:

• Evaluate and integrate research data into patient care effectively
• Increase positive patient outcomes, medical knowledge, and practice-based learning
• Improve interpersonal and communication skills, professionalism and systems-based practice

CONTINUING EDUCATION PROVIDED BY
Washington University School of Medicine in St. Louis, Continuing Medical Education.

ACCREDITATION
In support of improving patient care, Washington University School of Medicine in St. Louis is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

CREDIT
Washington University School of Medicine in St. Louis designates this live activity for a maximum of 5.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURE STATEMENT
It is the policy of Washington University School of Medicine in St. Louis, Continuing Medical Education, that planners, faculty and other persons who may influence content of this CME activity disclose all relevant financial relationships with commercial interests in order for CME staff to identify and resolve any potential conflicts of interest prior to the educational activity. Faculty must also disclose any planned discussion of unlabeled/unapproved uses of drugs or devices during their presentation. Detailed disclosures will be made in activity handout materials.

ACKNOWLEDGEMENTS
This program has been made possible by the endowment established in honor of Joseph H. Ogura, MD. The Department of Otolaryngology graciously welcomes additional gifts to the Ogura Endowment for this program or for other education programs. The Michael Paparella Award for Resident Research is provided by a gift from Michael M. Paparella, MD.