



# NASBS

## North American Skull Base Society

Dear Members of the North American Skull Base Society:

I have been bestowed the honor to serve you as President of the NASBS 2019-2020. As I reflect about the state of the NASBS, I am elated to see our past growth, current strength and future potential. During the last year James Evans, our Immediate Past-President, continued to build upon the foundation laid by previous presidents, improving all aspects of our mission including patient care, education, community efforts, internal administration and fiscal responsibilities. As his final act, Jim and the Scientific Program Committee for the 29th Annual Meeting gifted us a fantastic program in Orlando, Florida; breaking attendance records with 765 registrants. As representative of the NASBS membership, I offer our earnest gratitude for a superbly done job.

Our committees have been restructured to optimize their functionality, productivity, and member participation. They have been designed to comprise a mission-oriented body of members, serving 3-year terms with a suggested annual turnover of 33%; thus, gathering and preserving collective experience relevant to the respective committee, while assuring the inflow of new ideas and member participation. To this respect, we request that anyone who desires to join a committee, or other NASBS function, communicate this interest by email to [info@nasbs.org](mailto:info@nasbs.org).

The NASBS 30th annual meeting will be held at La Cantera Resort in San Antonio, Texas; February 7-9, 2020 with a pre-meeting hands-on dissection course February 5-7, 2020. La Cantera is a beautiful resort, full of family-oriented amenities, located 20 minutes from San Antonio's downtown, The Alamo historical site and the world renowned Riverwalk. The theme of the 2020 Annual Meeting, "Rapid Evolution in the Healthcare Ecosystem: Becoming Frontiers", will present the opportunity to discuss technological, technical, societal, and economic changes affecting the way we deliver care to our patients and how our frontier horizon changes faster than the speed to which we can adapt to the changes ("becoming frontiers"); thus, requiring the assistance of new technologies (e.g. artificial intelligence).

We welcome your ideas and feedback throughout the year. Please contact our office directly. I look forward to seeing you all at the NASBS 30th Annual Meeting in San Antonio.

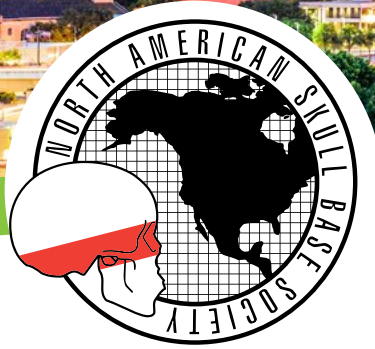
Ricardo L. Carrau, MD, MBA  
NASBS President 2019-2020

### **NASBS White Paper: Coding and Reimbursement for Endoscopic Endonasal Surgery of the Skull Base** **Journal of Neurological Surgery – Part B**

February 2019

Our thanks to the NASBS Best Practices for Coding & Billing Task Force and to Kimberley J. Pollock for the completion and publication of the NASBS White Paper: Coding and Reimbursement for Endoscopic Endonasal Surgery of the Skull Base. The supplement was published by the Journal of Neurological Surgery – Part B in February 2019 to coincide with the Annual Meeting. In addition, Kimberley Pollock presented the White Paper at the Annual Meeting and provided detailed insight for attendees in attendance.

Task Force Members: Roy Casiano; Adam Folbe; John Golfinos; Carl Snyderman



**SAVE THE DATE!**

North American Skull Base Society

# 30<sup>th</sup> Annual Meeting

**February 7-9, 2020**, La Cantera Resort & Spa, San Antonio, TX  
Pre-Meeting Dissection Course: **February 5-6, 2020**

PRESIDENT: Ricardo Carrau, MD, MBA | PROGRAM CHAIRS: Adam Zanation, MD & Daniel Prevedello, MD

## **NASBS 2019 Annual Meeting**

Hilton Orlando Bonnet Creek, Orlando, FL  
February 15-17, 2019

The 29th Annual Meeting of the North American Skull Base Society saw the highest record attendance of the society with 766 registered attendees. The meeting elicited a new record of abstract submissions with 492 papers submitted for consideration. Attendees met at the Hilton Orlando Bonnet Creek in Orlando, Florida where they heard from keynote speakers Jeff James and Dr. Charlie Ireland from the Disney Institute. General Sessions included Fireside Chats with Past Presidents of NASBS providing prospective of changes in skull base surgery through the years. Meeting highlights included: the Rhoton Room where dueling dissections of open and endoscopic approaches provided attendees an opportunity for real-time questions on approaches; ICA Injury Simulation Station where attendees practiced the resolution of a bleeding carotid in the OR; a Pre-Meeting Pituitary Education Day; Pre-Meeting Dissection Course; Pre-Meeting Skull Base Primer Course; and the Skull Base Team Match where Skull Base Teams from institutions around the country described approaches to complex skull base cases. The meeting also welcomed 37 exhibitors and distributed three International Travel Scholarships for attendees to participate in the Pre-Meeting Dissection Course, attend the Annual Meeting, and follow up with an observer ship at an NASBS Member's Institution.

## **Skull Base Surgery Summer Course**

LSU Health Sciences Center,  
New Orleans, LA  
July 19-21, 2019

The NASBS 2019 Skull Base Surgery Summer Course for Neurosurgery Residents and Head & Neck Fellows welcomed 30 attendees and multiple faculty from around the world. The teams of neurosurgery residents and head & neck fellows worked quickly and participated in approaches to the skull base. Special thanks to Daniel Nuss and Rahul Mehta at LSU for once again hosting the course and to the LSU Anatomy Lab team for welcoming us into your world-class facility.

# The NASBS would like to welcome its newest members inducted at the NASBS Business Meeting on February 15, 2019

**Mohammed Yas Al-Garnawee**

Centre Hospitalier de l'Universite de Montreal, Montreal, Quebec, Canada  
Neurosurgery

**Zaid Aljuboori**

University of Louisville, Louisville, KY  
Neurosurgery

**Joao Paulo Cavalcante de Almeida**

University of Toronto, Toronto, Ontario, Canada  
Neurosurgery

**Abdulaziz S. Alrasheed**

University of North Carolina at Chapel Hill, Chapel Hill, NC  
Head and Neck Surgery, Rhinology

**Houda Bahig**

Centre Hospitalier de l'Universite de Montreal, Montreal, Quebec, Canada  
Radiation Oncology

**Sarfraz M. Banglawala**

Brampton, Ontario, Canada  
Rhinology & Skull Base Surgery

**Carolina G. Benjamin**

University of Miami, Miami, FL  
Neurosurgery

**Diptarka Bhattacharyya**

Sinai Hospital of Baltimore, Baltimore, MD  
Head and Neck Surgery, Rhinology

**Spiros L Blackburn**

Mischer Neuroscience Institute, Houston, TX  
Neurosurgery

**Jeffrey M Blumberg**

University of North Carolina at Chapel Hill, Chapel Hill, NC  
Head and Neck Surgery

**Christian A Bowers**

Westchester Medical Center, Valhalla, NY  
Skull Base/Neurooncology

**David P Bray**

Emory University School of Medicine, Atlanta, GA  
Neurosurgery

**Lucas P Carlstrom**

Mayo Clinic, Rochester, MN  
Neurosurgery

**Karen Y Choi**

Penn State Health Hershey Medical Center, Hershey, PA  
Head and Neck Surgery

**Paramita Das**

University of Chicago, Chicago, IL  
Neurosurgery

**Roberto N De Rosa**

Hospital Universitario Austral, Pilar, Buenos Aires, Argentina  
Neurosurgery

**Edward T El Rassi**

University of Oklahoma Health Sciences Center, Oklahoma City, OK  
Head and Neck Surgery

**Judd H Fastenberg**

Thomas Jefferson University, Philadelphia, PA  
Head and Neck Surgery, Rhinology

**Randall S Feingold**

Northwell, Great Neck, NY  
Plastic Surgery

**Jonathan Forbes**

University of Cincinnati College of Medicine, Cincinnati, OH  
Neurosurgery

**Tomas Garzon-Muvdi**

UT Southwestern Medical Center, Dallas, TX  
Neurosurgery – Skull Base Surgery

**Julie M Greenwood**

Sinus Solutions at IMMUNOe, Denver, CO  
Family Practice – Nurse Practitioner

**Jonathan L Hatch**

University of Nebraska Medical Center, Omaha, NE  
Otolaryngology/Neurotology

**Robert Heller**

Tufts Medical Center, Boston, MA  
Neurosurgery

**Oswaldo A Henriquez**

Emory University School of Medicine, Atlanta, GA  
Rhinology/Otolaryngology – Head & Neck Surgery

**Wayne D Hsueh**

Rutgers New Jersey Medical School, Newark, NJ  
Rhinology

**Matin Imanguli**

Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ  
Head and Neck Surgery

**Ribhu T Jha**

University of South Florida / Tampa General Hospital, Tampa, FL  
Neurosurgery

**Rupa G Juthani**

Weill Cornell Medicine, New York, NY  
Neurosurgery

**Sameep P Kadakia**

Wright State University, Middletown, OH  
Otolaryngology – Head and Neck Surgery

**Arshad Kaleem**

University of Miami, Miami, FL  
Head and Neck Surgery, Maxillofacial Surgery

**Satoshi Kiyofuji**

Mayo Clinic, Rochester, MN  
Neurosurgery

**Michael G Kim**

Westchester Medical Center, Valhalla, NY  
Neurosurgery

**Edward C Kuan**

University of California, Irvine, Orange, CA  
Rhinology and Skull Base Surgery

**Jake J Lee**

Washington University in St. Louis, St. Louis, MO  
Head and Neck Surgery, Rhinology, Otolaryngology/Neurotology

**Jivianne Lee**

University of California Los Angeles, Los Angeles, CA  
Rhinology

**Chih-Ta Lin**

Indiana University, Muncie, IN  
Neurosurgery

**Nilesh Kumar Mohan**

Moi Teaching and Referral Hospital, Nairobi, Kenya  
Neurosurgery

**Leah Novinger**

Indiana University School of Medicine, Indianapolis, IN  
Head and Neck Surgery

**Ravi S Nunna**

Rush University Medical Center, Chicago, IL  
Neurosurgery

**Nelson M Oyesiku**

Emory University, Atlanta, GA  
Neurosurgery

**Boris Paskhover**

Rutgers – NJMS, Newark, NJ  
Head and Neck Surgery

**Samip N Patel**

University of North Carolina at Chapel Hill, Chapel Hill, NC  
Head and Neck Surgery

**Vijay A Patel**

Penn State Health Milton S. Hershey Medical Center, Hershey, PA  
Head and Neck Surgery, Rhinology, Otolaryngology/Neurotology

**Panayiotis Emmanuel Pelargos**

University of Oklahoma, Health Sciences Center, Oklahoma City, OK  
Neurosurgery

**Kevin A Peng**

House Clinic & House Ear Institute, Los Angeles, CA  
Otolaryngology/Neurotology

**Elizabeth Lauren Perkins**

University of North Carolina, Chapel Hill, NC  
Head and Neck Surgery

**Ricardo Ramirez**

Washington University in St. Louis, St. Louis, MO  
Head and Neck Surgery

**Patricia Rhyner (Hudgins)**

Emory University Hospital, Atlanta, GA  
Radiology

**Nicholas R Rowan**

The Johns Hopkins University School of Medicine, Baltimore, MD  
Rhinology

**Masoud Saman**

Saman Facial Plastic Surgery, LLC, Plano, TX  
Head and Neck Surgery, Facial Plastic and Reconstructive Surgery

**John S Schneider**

Washington University in St. Louis, St. Louis, MO  
Head and Neck Surgery

**Courtney B Shires**

University of Tennessee, Memphis, TN  
Head and Neck Surgery

**Satyan B Sreenath**

University of North Carolina Hospital, Chapel Hill, NC  
Rhinology

**Jordan I. Teitelbaum**

Ohio University / OhioHealth, Columbus, OH  
Rhinology

**Samuel J Trosman**

Mount Sinai School of Medicine, New York, NY  
Head and Neck Surgery

**Huy Q Truong**

Medical College of Wisconsin, Wauwatosa, WI  
Neurosurgery

**Kyle K VanKoeveering**

Michigan Medicine, Ann Arbor, MI  
Head and Neck Surgery

**Evan S Walgama**

Cedars Sinai Medical Center, Los Angeles, CA  
Head and Neck Surgery

**Michelle A Wedemeyer**

University of Southern California Keck School of Medicine, Los Angeles, CA  
Neurosurgery

**Kyle Wu**

Brigham and Women's Hospital, Boston, MA  
Neurosurgery

**Shun Yamamuro**

Nihon University School of Medicine, Itabashi-ku, Tokyo, Japan  
Neurosurgery

**Gang Yang**

The First Affiliated Hospital of Chongqing Medical University, Chongqing, Chongqing, P.R. China  
Neurosurgery

**Joseph Zenga**

Medical College of Wisconsin, Milwaukee, WI  
Head and Neck Surgery and Microvascular Reconstruction