GSO The Georgia Society of Otolaryngology/Head & Neck Surgery **Fall 2024**

President's Message



Fall is in the air and while I look forward to the cooler temperatures, the best parts of this time of year are the return of College Football and the annual trip to the Ritz Carlton, Lake Oconee for the Georgia Society of Otolaryngology Fall/Winter meeting! Ever since my first GSO meeting as a resident at the Medical College of Georgia, the dates for both the Fall/Winter and Summer Meetings are a fixture on my family's calendar. This year I am particularly excited to welcome Dr. David Kennedy as one of our featured speakers. Dr. Kennedy is a pioneer in endoscopic sinus surgery, who was originally scheduled to speak at the 2020 meeting, when COVID resulted in the event being cancelled. Getting the chance to re-invite him to speak is another great reminder of how wonderful it is to gather together in person to meet new colleagues, connect with old friends and learn new insights to help us manage our patients when we return to the office.

While we prep to meet in person, please take a brief moment to read both the Emory and MGG/AU updates in this newsletter to see what's new with the 2 training programs in our state. Also take a moment to look at our New Member spotlight, featuring Dr. Hannan Qureshi. If you see him at the meeting make sure to welcome him and again encourage your practice partners and colleagues to join the GSO if they are not members already. The camaraderie with physicians around the state, family friendly meetings at amazing locations, and affordable, relevant CME provided by membership in the GSO are unmatched!

This Fall/Winter GSO meeting will be my first serving as president. I want to recognize and personally thank Dr. Avani Ingley for all of her hard-work serving as in that role this past year. She put on two fantastic meetings with excellent speakers, attendance, and sponsorship. She absolutely left the Society in a great position moving forward and I hope to be able to fill her shoes. I also want to thank and recognize Tara Morrison and her team, particularly Karrie and Lauren, who have been a great help to me taking on my new role.

I hope to see you all in December at the Ritz, and again in the Summer of 2025 at the Cloister in Sea Island.

Sincerely J. Drew Prosser, MD

In this issue...

- p. 1 ... President's Message
- p. 2 ... Emory University Updates
- p. 4...Medical College of Georgia Updates

p. 10...Medical College of Georgia Case Reportp. 12 ...GSO/HNS Eventsp. 14...GSO/HNS Members

Emory University Updates



GSO Summer/Fall 2024 By: Aisha Harun, MD Assistant Professor, Otolaryngology-Head and Neck Surgery Director, Emory Decatur Otolaryngology Clinical Site



Resident Updates

Emory Otolaryngology Residency has been increased to 5 residents per year starting in 2024. Please welcome our new interns who started on July 1st!

Top (Right to Left): 1. **Daniel Moverman, MD**, Sackler School of Medicine - New York State American Branch. 2. **Amisheila Kinua, MD**, The University of Texas Health Science Center at San Antonio Joe R. and Teresa Lozano Long SOM. 3. **Grant Owen, MD**, Rush Medical College of Rush University Medical Center.

Bottom (Right to Left): 1. **Christian Shannon, MD**, University of Texas at Austin Dell Medical School. 2. **Sherrie Wang, MD**, Cooper Medical School of Rowan University.







Please welcome our fellows who started in July 2024!













Top (Right to left): 1. **Alexander Choi, MD**. Baylor College of Medicine. Rhinology. 2. **Zachary Warren, MD**. University of Chicago. Rhinology. 3. **Karim Asi, MD**. UT Health Houston. Laryngology.

Bottom (Right to Left):1. **Alexa Robbins, MD**, Endocrine H&N. Emory SOM. 2. **Nirali Patel, MD**. University of Chicago. Pediatrics. 3. **Katherine Chang, MD**. Head and Neck. Washington University SOM.

Emory University Updates

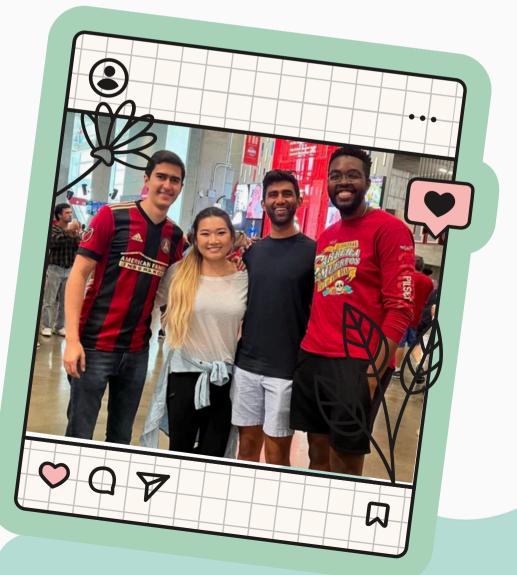


In June we welcomed Dr. Camilo Reyes as our newest faculty member at Grady. Dr. Reyes received his medical degree from the Universidad Del Bosque in Bogotá Colombia before completing his specialty in Otolaryngology at the Univseridad Nuestra Señora del Rosario. He went on to complete three separate fellowships at the Medical College of Georgia at Augusta University in Rhinology/Endoscopic Skull Base Surgery, Head and Neck Surgery, and Facial Plastics and Reconstructive Surgery. He was then recruited to join the MCG faculty as an Assistant Professor in 2018. We are thrilled to welcome him to Emory!



Keep up with all things new within our department

<u>@emory_ent</u>





Otolaryngology – Head and Neck Surgery

From the Chair's Desk:

Dr. Still Kountakis, MD, Ph.D.

Edward S. Porubsky, MD Distinguished Chair in Otolaryngology Professor and Chair, Department of Otolaryngology-Head and Neck Surgery

Medical College of Georgia - Augusta University

Dear Fellow Georgia Otolaryngologists,

As we begin the new academic year, we find ourselves in an ever-changing environment that can feel as unpredictable as quicksand. With the arrival of new interns and fellows, our programs are invigorated with fresh energy and enthusiasm. Adding to this excitement, we are transitioning to a new electronic medical record system, from Cerner to Epic. Training sessions are being organized, and we are gearing up to create new templates and order sets. While those of us who are techsavvy might find this change relatively smooth, others may face a steeper learning curve. However, change is a powerful driver of improvement, giving us the opportunity to enhance patient care and enrich the educational experiences of our learners.

The recent Porubsky Symposium and Alumni Event was a poignant reminder of our community's resilience and dedication. We celebrated the achievements of those completing their training and welcomed the new academic year with optimism, inspired by the hope and enthusiasm in the faces of our new learners. We remain hopeful, steadfast, and excited for what lies ahead. Together, we are MCG Otolaryngology.

Stay healthy and enjoy the rest of the summer.

Sincerely, *Stil Kountakis, MD, PhD*



Augusta University/Medical College of Georgia Updates

Faculty Accomplishments & Presentations



Heather Koehn, MD

Dr. Heather Koehn, Assistant Professor and Medical Student Clerkship Director, has been appointed the new division chief of facial plastic and reconstructive surgery.



Evan Compton, MD

Dr. Evan Compton, Laryngology Fellow Alumnus, presented a talk entitled, "Hypopharyngeal Webs" at the Combined Otolaryngology Spring Meeting (COSM) in Chicago, Illinois.



Brittany Beisel, MD

J. Kenneth Byrd, MD

Dr. Brittany Beisel, Assistant Professor and Medical Student Clerkship Director, made a presentation at the Georgia Society of Otolaryngology/Head & Neck Surgery conference entitled, "Non-Cleft Velopharyngeal Dysfunction."

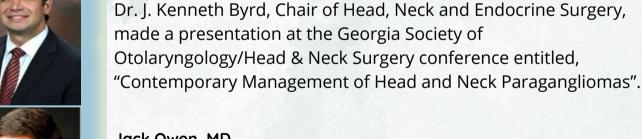


Jack Owen, MD

Dr. Jack Owen, Otolaryngology Resident PGY4, made a presentation at the Georgia Society of Otolaryngology/Head & Neck Surgery conference entitled, "Retrospective Review and Looking Ahead at Cochlear Implantation at MCG."

George Davies, MD

Dr. George Davies, Otolaryngology Resident PGY5, made a presentation at the American Cochlear Implant Alliance 2024 in Vancouver Canada entitled, Cochlear Implants and other Implantable Technologies 2024".







Porubsky Symposium 2024

The Otolaryngology-HNS department hosted the **Annual Porubsky Symposium and Alumni Event/Chief Resident Graduation** on June 7-8, 2024.

Porubsky Symposium Guest Speakers:



David W. Kennedy, MD, FACS, FRCSI, is best known for his work in pioneering endoscopic sinus surgery and minimally invasive endoscopic skull base surgery. He has served as Chair of the Department of Otorhinolaryngology-Head and Neck Surgery and Vice Dean at the University of Pennsylvania where he also continues clinical practice as Professor Emeritus.



Elina M. Toskala-Kennedy, MD, PhD, MBA is a nationally and internationally recognized researcher and teacher. She currently works as Professor, Vice Chair and Director of Allergy as well as Medical Director of New Jersey operations in Otolaryngology-Head and Neck Surgery in Thomas Jefferson University, Philadelphia, USA.



Jason Champagne, MD is a resident alumnus of the MCG Department of Otolaryngology-HNS. Aesthetic facial plastic surgeon, Jason Champagne, MD, brings years of expertise to his cosmetic practice in Beverly Hills. Dr. Champagne is also a world-renowned Beverly Hills facial plastic surgeon and top hair restoration specialist who has perfected his craft acquired by working alongside the most elite aesthetic surgeons in the world.



Rebecca Howell, MD is a fellow alumna of the MCG Department of Otolaryngology-HNS. She is an Associate Professor of Otolaryngology and Division Chief of Laryngology. Dr. Howell is also a clinician researcher with a particular interest in the intersection of voice and swallowing disorders.

Hail & Farewell

Welcome New Residents!

Farewell Graduating Residents!



Diana Bigler, MD Rhinology Otolaryngology Fellowship Augusta University-MCG



Rebecca Paquin, MD Pediatric Otolaryngology Fellowship University of Colorado

Farewell Fellows!



Josh Ziehm, MD Hospital for Endocrine Surgery



Evan Compton, MD University of Calgary



Lillian Day, MD Medical College of Georgia



Hanna Long, MD Brody School of Medicine at East Carolina University





Nizar Tejani, MD LSU Health Shreveport Laryngology



Diana Bigler, MD Augusta University-MCG Rhinology



Joel Biester, MD

Spartanburg Regional Hospital

Endocrine

(Left to right: Rebecca Paquin, Stil Kountakis, and Diana Bigler)



(Left to right: Diana Bigler, Stil Kountakis, and Rebecca Paquin)



Department of Otolaryngology-Head and Neck Surgery, Medical College of Georgia

Otolaryngology-HNS Recent Publications

Intractable Aspiration Treated with Laryngectomy After SLAD-R Surgery: <u>A Case Report</u>. Acree L, Compton EC, Byrd JK, Johnson C, Postma GN. Laryngoscope. 2024 May 13. doi: 10.1002/lary.31510. Online ahead of print. PMID: 38738808



Faculty Positions

Otologist/Neurotologist:

We are seeking an individual at the Assistant or Associate Professor level with fellowship training in Otology/Neurotology. This is a full-time position at the Medical College of Georgia at Augusta University and Wellstar MCG Health. Excellent resources are available and rank is commensurate with experience.

Rhinologist:

We are seeking an individual at the Assistant or Associate Professor level with fellowship training in Rhinology, Sinus, and Skull Base Surgery. This is a full-time position at the Medical College of Georgia at Augusta University and Wellstar MCG Health. Excellent resources are available and rank is commensurate with experience.

To apply and receive additional information, please send a curriculum vitae to Dr. Stil Kountakis at skountakis@augusta.edu, and also visit the career board at https://www.augusta.edu/hr/jobs/ to submit an application.

MCG Otolaryngology Social Media

The Otolaryngology-Head and Neck Surgery department has continued to establish a social media presence on Instagram and Facebook. We have found that this is a great opportunity to keep alumni, referring physicians and friends updated on some of the developments in our department. Over time we will be adding patient education posts as well. Our current sites can be reached at @mcgotolaryngology. We would love to hear from alumni. If you have interesting pictures or stories, please send them to Rachel Elvis at <u>relvis@augusta.edu</u>.



Find us on Facebook

SAVE THE DATE

June 13- 14, 2025 Annual Porubsky Symposium and Alumni Event Augusta, Georgia

To make an appointment for your patient, please call: Adults 706-721-4400 Pediatric 706-721-5500 Adult Head & Neck Cancer 706-721-6744

Utilize our physician referral tool making it simple for you and your patients – augustahealth.org/referral Department of Otolaryngology-Head and Neck Surgery Medical College of Georgia at Augusta University 1120 15th Street, BP-4109 Augusta, GA 30912 Academic Office: 706-721-6100

Augusta University/Medical College of Georgia Case Report

Tenosynovial Giant Cell Tumor of the Temporomandibular Joint with Skull Base Invasion Daniel Sharbel, MD

Department of Otolaryngology-Head and Neck Surgery, Medical College of Georgia at Augusta University, Augusta, GA

This case involves a 24 year old female with no significant past medical history who presented initially The patient presented initially to clinic with nonspecific symptoms, which included purulent right sided otorrhea, episodic otalgia, metallic taste in her mouth and headaches for 1 year. Physical examination of the patient revealed right sided facial edema and swelling. Contrasted CT neck demonstrated a 4.8 x 5.1 x 3.0 cm expansile mass of the right temporomandibular joint with extension to the masticator space, infratemporal fossa, and parotid gland (**Figure 1**). There was adjacent erosion of the condylar fossa and adjacent petrous temporal bone resulting with extent to the middle cranial fossa and bony ear canal. Contrasted MRI revealed a T1 isointense, T2-heterogeneously intense lesion within the right temporomandibular joint (**Figure 2**).

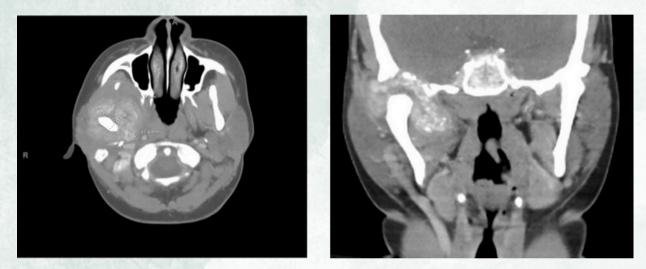
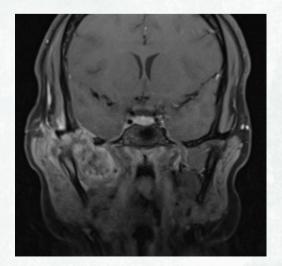


Figure 1: Axial and coronal contrasted CT neck of tenosynovial giant cell tumor of right temporomandibular joint showing skull base erosion.

Core needle biopsy and pathologic immunohistochemical studies revealed tumor cells with chondroid metaplasia and dystrophic calcification. These cells stained positive for clusterin, a highly sensitive marker for tenosynovial giant cell tumor (TGCT), and negative for desmin and H3K36M.



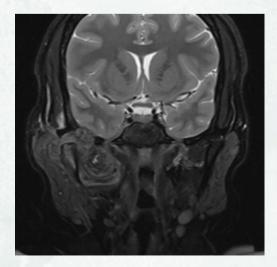


Figure 2: T1 and T2 phase coronal images of contrasted MRI showing right temporomandibular joint tenosynovial giant cell tumor.

Augusta University/Medical College of Georgia Case Report

To address both the intracranial and extracranial tumor components as well as occlusal rehabilitation, multidisciplinary review of the surgical plan between head and neck surgery, neurosurgery, otology, and oral and maxillofacial surgery was required. It was recommended that treatment include a right temporal craniotomy with segmental mandibulectomy, infratemporal fossa resection, resection of the bony ear canal, free tissue transfer, and maxillomandibular fixation. Subsequent reconstruction of the right ear canal utilized split calvarial bone harvested from the craniotomy site. Comprehensive reconstruction of infratemporal fossa and mandible resection defect site was performed using an adipofascial left radial forearm free flap. The patient was then placed in guiding elastics for maintenance of occlusion in the early postoperative period.

The postoperative period was uneventful without complications. After multidisciplinary tumor board discussion, adjuvant radiotherapy was recommended due to clinically aggressive nature of the tumor and positive surgical margins. At follow-up four months after completing adjuvant radiotherapy, the patient reported mild right-sided otalgia, bilateral pain with chewing, but maintained a full regular diet without weight loss. She was recommended to undergo posttreatment imaging, but was subsequently lost to follow-up.

Discussion:

Tenosynovial giant cell tumors (TGCT) encompass a family of tumors that typically originate from the synovial membranes, most commonly the joints, tendon sheaths, tendons, and bursae. These tumors manifest into either a localized form which is usually indolent and most commonly presents in the fingers and hands, or the diffuse form, which is less common, but presents in larger joints such as the knees and shoulders. Given the unusual origin and spread, TGCT involving the temporomandibular joint (TMJ) with skull base involvement are exceedingly rare, with fewer than 60 cases reported within current literature. On pathological analysis, TGCT's of the TMJ uniquely demonstrate chondroid metaplasia, which is more characteristic of chondroblastoma, and are positive for clusterin on immunohistochemistry.1-3 The complexity of our case highlights the importance of multidisciplinary approach for TGCT's of the TMJ and challenges associated with reconstruction of total TMJ defects. Given the tumor's involvement of the skull base and bony ear canal, bony reconstruction of the mandibular condyle was not feasible. Existing literature suggests that adequate occlusion and oral intake are achievable using soft tissue reconstruction alone for total TMJ defects, as was the case with our patient.4 However, the long term occlusal and alimentary outcomes are less favorable in patients undergoing adjuvant radiotherapy, suggesting additional overcorrection is required at the time of initial reconstruction.

Conclusion:

TGCT's of the TMJ are exceedingly rare tumors that can exhibit aggressive features. Management of TGCT's of the TMJ requires multidisciplinary care to achieve adequate occlusal and alimentary outcomes. Soft tissue reconstruction of total TMJ defects can provide a satisfactory reconstructive and occlusal outcome in these patients.

Citations

 Carlson ML, Osetinsky LM, Alon EE, Inwards CY, Lane JI, Moore EJ. Tenosynovial giant cell tumors of the temporomandibular joint and lateral skull base: Review of 11 cases. Laryngoscope 2017;127(10):2340-2346. DOI: 10.1002/lary.26435.
Boland JM, Folpe AL, Hornick JL, Grogg KL. Clusterin is Expressed in Normal Synoviocytes and in Tenosynovial Giant Cell Tumors of Localized and Diffuse Types: Diagnostic and Histogenetic Implications. Am J Surg Path 2009 Aug;33(8):1225-9.
Safaee M, Oh T, Sun MZ, et al. Pigmented villonodular synovitis of the temporomandibular joint with intracranial extension: A case series and systematic review. Head Neck 2015;37(8):1213-24. DOI: 10.1002/hed.23717. 4. Lee JJ, Lander DP, Jackson RS, Zenga J, Pipkorn P. Occlusion and Functional Outcomes after Complete Temporomandibular Joint Resection with Soft Tissue Reconstruction. Otolaryngol Head Neck Surg 2020;162(4):589-592. DOI: 10.1177/0194599819901144.

GSO/HNS Events

i e unit pi

HALL BE REAL





Metro Atlanta Educational Society for Otolaryngology-Head and Neck Surgery

GSO/HNS & MAESO SCIENTIFIC ASSEMBLY

THE RITZ-CARLTON

All a di tana al a bana di selara di se

<u>Register</u> Now!

P. P. P. P. P.

DECEMBER 7 - 8, 2024 THE RITZ-CARLTON REYNOLDS, LAKE OCONEE

GSO/HNS Events

GSO F HNS Save The Date!

httt

2025 Annual Summer Meeting

JUNE 26 - 29, 2025 **THE CLOISTER** SEA ISLAND, GA



GSO/HNS New Member Spotlight: Dr. Hannan Qureshi

Dr. Hannan Qureshi is a native of Dalton, GA. He earned his BA in Economics from Northwestern University and MD from the Northwestern University Feinberg School of Medicine.

Following medical school, Dr. Qureshi completed his Otolaryngology residency at the University of Washington in Seattle. During his residency, he pursued a two-year NIH T32 research fellowship at the Fred Hutchinson Cancer Research Center, where he studied the tumor microenvironment of head and neck squamous cell carcinoma. He then went on to complete fellowship training in advanced rhinology and skull base surgery at Johns Hopkins.

After finishing fellowship training, Dr. Qureshi joined Northwest ENT and Allergy Center in August 2023. He is thrilled to be back in Georgia to provide comprehensive Otolaryngology care with a focus in rhinology and skull base surgery for the local Atlanta community. Outside of his professional interests, Dr. Qureshi enjoys spending time with his family, traveling, working out, hiking, skiing, and trying out different cuisines. He is married with no children currently and has two cats. His hobbies and love for the outdoors bring much needed balance to his work life.

Dr. Qureshi joined the Georgia Society of Otolaryngology to connect with fellow Otolaryngologists across the state. He values the opportunity to engage with peers, exchange ideas, and stay updated on the latest developments in Otolaryngology to continually enhance the care he provides to his patients.

Click here to email us with your nomination for the next member spotlight!

GSO/HNS Members

If you have not done so yet, be sure to renew your dues!

Please spread the word, and send this link for new members to join: <u>https://gsohns.wildapricot.org/Join-Us</u>

