

College of Medicine | Department of Otolaryngology – Head and Neck Surgery

THE SCOPE

2017 – 2018

*Education is not the learning
of facts but the training of
the mind to think.*

– Albert Einstein

Message from the Chairman

Hello to all. Wow, it seems like just yesterday that we last communicated. The summer has flown by and fall is here, along of course, with old man winter. It seems 2018 has went by much too fast, but, it is always nice to welcome in a new year.

The Department of Otolaryngology at UNMC/Nebraska Medicine is now 13 strong. In July 2019, we will be joined by one head and neck surgeon. These wonderful people are in outstanding fellowships or nationwide programs and will bring new and exciting techniques to the medical center to provide expertise that Omaha and the State of Nebraska do not currently have available. I am looking forward to them joining our department.

Our department has been asked to provide a stronger Otolaryngology presence at Omaha's Children's Hospital. Children's Hospital is undergoing a \$350 million dollar expansion project, which will free up room for a much-needed expansion of care. We will be providing additional care in Neurotology, Head and Neck, Facial Plastics and Reconstructive Surgery. These three areas will add considerable patient care options to Children's, as well as, our resident training program.

Thank you to everyone who has contributed to our residency program or the Yonkers Professorship this past year. We could not do all we do or provide the excellent programs we have built without your help. Be it patient referrals, training, or financial contributions, we appreciate all you do for us. We are halfway to the Yonkers Professorship becoming a full chair and will continue to build on the progress and success we have already reached. Our department will match any contributions more than \$25,000, so any donation you make will be further enhanced. We always appreciate donations to the Resident Give Back Fund that helps provide travel and lodging for our residents to attend conferences and symposia to present their work across the nation.

I am very, very proud of all of our faculty and the hard work they do, especially training our young people to be future Otolaryngologists. Our department had a record number of publications and book chapters this past year.

Thank you again for all you have done for our program this past year. My how we have grown in just five short years! Happy Holidays and Happy New Year to all!

With best personal regards,

Dwight T. Jones, MD

Anthony J. Yonkers Professor and Chairman of Otolaryngology, Head and Neck Surgery
University of Nebraska Medical Center and Nebraska Medicine



Dwight T. Jones, M.D.

Welcome!



Jayme Dowdall, MD

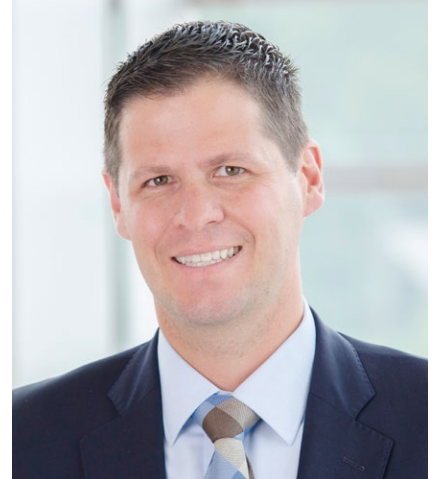
Dr. Dowdall has joined UNMC/Nebraska Medicine as a fellowship-trained laryngologist in June 2018. She received her medical degree from Boston University School of Medicine and completed her residency at Wayne State University in Detroit, Michigan. During residency, she received the Holt Leadership Award from the American Academy of Otolaryngology – Head and Neck Surgery. She completed her clinical fellowship in Laryngology in 2012 at the Massachusetts Eye and Ear Infirmary. While practicing in Boston at MEEI and Brigham and Women's Hospital, she was also a research fellow at the Center for Regenerative Medicine with Dr. Jayaraj Rajagopal at Massachusetts General Hospital until 2015. Dr. Dowdall's research interests in laryngology come from her love of singing and wish to care for the whole patient.



Katie Geelan-Hansen, MD

Dr. Geelan-Hansen received her medical degree from the University of Iowa College of Medicine and then completed her otolaryngology-head and neck surgery residency at the Cleveland Clinic Foundation. Following her residency, she went on to fellowship training in facial plastic and reconstructive surgery at the University of North Carolina.

Dr. Geelan-Hansen's research and professional interests encompass all aspects of aesthetic and reconstructive facial plastic surgery including rhinoplasty, nasal reconstruction, deviated nasal septum surgery, forehead and eyebrow surgeries, blepharoplasty, eyelid surgeries, scar revision, Mohs reconstruction, lip reconstruction, otoplasty. In her free time, Dr. Geelan-Hansen enjoys comedic movies, searching for her next book to read, and finding her new favorite vacation. Dr. Geelan-Hansen is originally from Ruthven, Iowa.



Jonathan Hatch, MD

Dr. Hatch received his medical degree from Creighton University School of Medicine where he was a member of Alpha Omega Alpha. He completed his residency in otolaryngology at the University of Nebraska Medical Center. Dr. Hatch went on to complete a fellowship in neurotology/skull base surgery at the Medical University of South Carolina.

Dr. Hatch's research interests include:

- Cochlear implant outcomes and quality of life metrics.
- Imaging of the temporal bone.
- Vestibular disorders such as Meniere's disease.
- Skull base disorders.

In his time away from work, Dr. Hatch enjoys snowboarding, obstacle racing, and mountain biking. He is originally from Heber City, Utah.

50th Anniversary



Caption here

In June the UNMC Department of Otolaryngology celebrated its 50th anniversary. The department was formed in 1968 when the University of Nebraska and Omaha University merged, creating the new Nebraska University system. Before 1968, the Omaha campus of the College of Medicine was part of the University of Nebraska-Lincoln. The Department of Otolaryngology was formed by Dr. Thomas Yarrington with one physician and four volunteers. In the 50 years since the founding of the department, it has grown to 13 physicians, along with numerous support staff.

The department has grown from General ENT doctors to have ten subspecialties that include audiology, laryngology, facial plastic and reconstructive surgery, head and neck oncology, neuro-otology, oral and maxillofacial prosthetics, rhinology and pediatric ENT. Our newest physicians come from highly regarded Fellowship programs, and add more expertise to a thriving department. Dr. Hatch noted, "As a resident, I experienced the world class education provided by the University of Nebraska Medical Center. After I

completed my fellowship, I chose to return as a faculty member to provide that same excellent education to our current and future residents as the reason for joining the department.

As the alumni, faculty, staff and students gathered to celebrate the milestone, former Department Chair Dr. Donald Leopold gave the keynote address. In the address Dr. Leopold noted the growth of the department and the excellent education residents have received over the last 50 years. Dr. Dwight Jones, Chair, noted, "The Department of Otolaryngology has grown by leaps and bounds in the past 50 years. I am so proud of where we have been and where we are today. The program has great faculty and residents leading the way for UNMC and Nebraska Medicine."

Dr. Gary Moore has been with the department for 35 years having begun on July 1, 1983. Dr. Moore praises the progress of the department, "I am proud to have had the opportunity to help train Dr. Jones as one of my residents, and then watch his career evolve at Boston

Children's Hospital and have him return to UNMC as the program Chair. Working for one of your former students is quite a role reversal! During his Chairmanship, he has infused an energy and focus to help expand the ear nose and throat program staff, didactic training courses and has been instrumental in increasing the number of ENT physicians that stay and practice in the state of Nebraska. It appears His campaign slogan is slightly different than that of the tourism board: "Nebraska, Honestly it's for everyone!" I am excited to see how dynamic the program will become in the future!"

The Department of Otolaryngology is very proud of its 50-year history in educating the doctors of tomorrow. We invite you to follow us on our new social media account on Twitter, @EntUNMC where you will be able to keep up on the Department's growth, education, and residents. Our department is focused on the future of excellent medical care. We look forward to teaching the next generation of Otolaryngologists with the support of our faculty, staff, and alumni.

Announcing...



Briana Jacox

We would like to announce a new position in the department, Educational Program Coordinator. Briana Jacox was a Program Coordinator and is now our Educational Program Coordinator. Our Education program is expanding, and we will be offering more courses and educational opportunities for both our medical students and residents. This program will be important to the future success of our medical students! Congratulations Briana!

Course in 2018

March 22-23

Advanced Sinus Course

May 3-4

Temporal Bone Course

July 28

Facial Trauma Course

August 15-17

Anatomy of the Head and Neck

November 2

Ultrasound Course

Upcoming 2019 Courses

February 22

Airway Course

March 28-29

Skull Base and Advanced Otology Course

May 16-17

Basic Sinus Course

August 14-16

Anatomy of the Head and Neck

For course information
contact Briana at
402.559.7828 or
briana.jacox@unmc.edu



Ultrasound course: Drs. Sam Pate, Andrew Logeman and medical student Preston Leader

Residents



Samuel Pate, M.D.
Program Director



Christie Barnes, M.D.
Assistant Program Director

Resident Update

We are thrilled to share the exciting changes in store for the Otolaryngology–Head & Neck Surgery Residency Program at the University of Nebraska Medical Center. The 2017-2018 academic year is one of incredible growth and expansion. We have matched our second three resident intern class after our approved increase by the ACGME last year. The changes last year to the otolaryngology curriculum allow our interns to delve into six months of ENT training, we are seeing great results with this welcomed change.

Our curriculum continues to evolve with stimulating internal and invited guest speakers, and several new multidisciplinary journal clubs. New this year will be an advanced patient simulation session designed to improve resident skills in delivering bad news and addressing patient challenges. Additionally we have standardized our mock oral boards curriculum to enhance the resident experience and to simulate more closely the actual event.

Again this year we will be offering several key resident courses including our annual head and neck anatomy cadaveric course, pediatric and adult airway course, temporal bone course, basic sinus surgery course, and our head and neck ultrasound course. We hope to work closely in the coming year with the members of our new Michael F. Sorrell Clinical Simulation laboratory to further enhance the training experience of our residents, when their new facilities open this spring. This new-state-of-the-art simulation center will allow our department to expand our courses to the regional and national programs and will allow a richer experience for the participants.

We have been working diligently to further build on our research infrastructure and will see a plethora of activity on this front this year due to the leadership of Dr. Jayme Dowdall, our new laryngologist who brings a wealth of research experience from Brigham Women's Hospital. Several new and exciting clinical and research collaborations with emergency medicine and neurological sciences are in the works that will further our research prowess. The combined resources of these partner departments will lead to fruitful research endeavors.

The enthusiasm this year for education and self-directed learning is palpable this year. This is in part due to our current chief residents who have helped foster a culture of learning. We are excited for what this year holds and can't wait to report all that we have accomplished.

We continue to work towards our goal of providing exceptional nationally recognized resident training and look forward to continued work towards this mission.

Best,

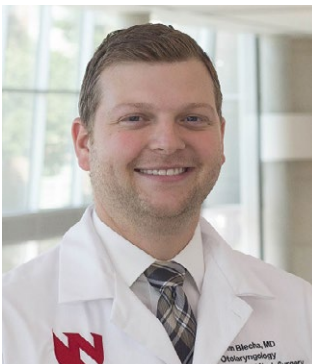
Sam Pate, M.D.
Vice Chairman & Residency Director

Congratulations!

UNMC recently held its Circle of Distinction event to celebrate the 108 endowed chairs, professorships and fellowships that are held by 105 of its faculty members and to recognize the benefactors who have made the awards possible. The Sept. 12 program recognized Dr. Dwight Jones, M.D., F.A.C.S. as the Anthony J. Yonkers Professor of Otolaryngology-Head and Neck Surgery Chair. This Chair was generously given by Anthony J. Yonkers, M.D., and Mrs. Mary B. Yonkers and friends of Dr. Yonkers and the department. Chancellor Jeff Gold stated, "These named faculty positions represent long term investments by the community in UNMC. They help us recruit and retain the best and the brightest,"



Chancellor Gold, Dr. Dwight Jones, Dr. Antony Yonkers and



Resident of the Year

Jonathan Blecha, M.D. was voted "Department Resident of the Year" by the Otolaryngology department residents for 2017-2018 academic year.

Being nominated as "Resident of the Year" is based on a few categories throughout the academic year which includes their presentations, in service scores, professionalism, integrity, and their excellence in other tasks such as teaching and organizing.

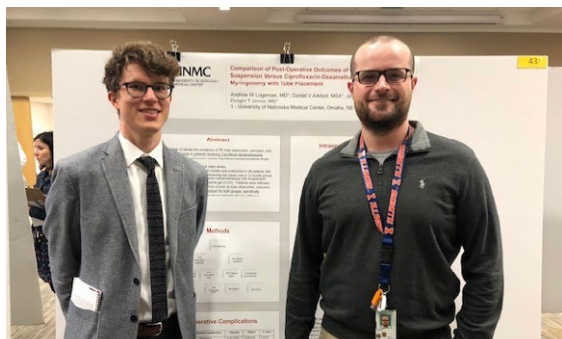


Teacher of the Year

Dr. Timothy Knudsen was named the department's Teacher of the Year. Dr. Knudsen's dedication to creating educational opportunities for the residents, along with his commitment to the department's mission were cited as reasons for his award.



Drs. John Blecha and Justin Oltman



Drs. Daniel Arkfeld and Drew Logeman

Graduate Medical Education Symposium

The UNMC Office of Graduate Medical Education hosted its first Graduate Medical Education Research Symposium on October 17, 2018. The symposium provided the opportunity for house officers to present their research in all avenues ranging from clinical outcomes, basic science, education, business, health policy and humanities.

Two resident teams from the department were selected to present posters at the Symposium.

John Blecha/Justin Oltman

Three cases of Laryngeal Histoplasmosis in the Midwestern United States

Drew Logeman/Daniel Arkfeld

Comparison of Post-Operative Outcomes of Ciprofloxacin Otic Suspension Versus Ciprofloxacin-Dexamethasone Otic Drops in Myringotomy with Tube Placement .

Resident Research Symposium

The Department of Otolaryngology–Head and Neck Surgery hosted their Resident Research Symposium in March 2018. Each resident gave a presentation and they are all listed below.

John Blecha, M.D.

Relationship of nasal bone length to quadrangle cartilage size

Tyler Bliss, M.D.

Does full transfixion incision affect nasal tip projection in functional rhinoplasty?

Jonathan Chiao

Expenditures and revenue gaps in otolaryngology resident coverage of emergency department consults

Kleve Granger

Seasonal outcomes of functional endoscopic sinus surgery (FESS)

Kimberly Joynt, D.O.

Rural residency in otolaryngology; one institution's experience

Paul Judge, M.D.

The impact of target size, distance and visual acuity on the video head impulse test

Lauren Klute

Olfactory training and traumatic brain injury

Andrew Logeman, M.D.

Post operative outcomes comparing ciprofloxacin otic suspension versus ciprofloxacin-dexamethasone drops in myringotomy with tube placement

Mark Miller

The role of topical capsaicin in the treatment of rhinogenic headaches

Matthew Miller, M.D.

Risk factors for post-operative complications in facial fracture repair

Matthew Solverson

Intraoperative hydrodebrider use and outcomes after endoscopic sinus surgery

Jason Talmadge, M.D.

Age of onset of hearing loss in osteogenesis imperfecta

Brandon Wachal, M.D.

Risk factors for post-operative complications in facial fracture repair

Jonathan Yoon, M.D.

Impact of obesity on patient positioning and operation time during thyroid and parathyroid surgery

Clinical

Brain Leak

A story featuring one of our patients received worldwide attention this summer, appearing on television stations across the country and on websites around the globe. For years, Kendra Jackson was told she had allergies. But after seeing Physician Assistant Carla Schneider, she was diagnosed with a cerebrospinal fluid (CSF) leak, caused by a small hole in the thin bone that separates her brain and nasal cavities. CSF leaks are fairly uncommon, happening in about five in every 100,000 people worldwide each year.

The CSF leak was believed to have been caused by a car accident Jackson was involved in five years ago. The fluid leaked out of her nose on a nearly continuous basis, causing her to lose about a half-liter of fluid every day. It also caused severe migraine headaches. On April 23, rhinologist Christie Barnes, MD, and neurosurgeon Dan Surdell, MD, repaired the leak in a fairly brief surgery, using tissue from her abdomen to plug the hole.

The story was initially covered by Omaha television station KETV on May 4. Since then, it has appeared on about 100 local television stations nationwide and on around 700 different websites around the world, including Yahoo, The Washington Post, USA Today, Fox News, NPR, CBS and CNN. The potential internet audience for the story is approaching 1 billion people. Dr. Barnes and Ms. Jackson appeared on the Today show on May 31, 2018.

"I never slept. I was like a walking zombie. I would be up all night. And when I finally dozed off, it felt like I was drowning in the fluid draining in the back of my throat. So



*Ms. Jackson on
Megan Kelly Show*

I would sleep sitting up a lot of the times. Then when I did doze off and get a good sleep, when I wake up, my pillow would be soaked. My clothes would be soaked. The sheets would be soaked. That's when I knew it wasn't my allergies," she said.

"We went through the nostrils, through the nose," Barnes said, explaining that a team of doctors used Jackson's own tissue as a plug to prevent fluid from spilling out. "We use angled cameras, angled instruments to get us up to where we need to go."

Jackson was thrilled when the procedure was over. Her head felt clear.

"I don't have to carry around the tissue anymore, and I'm getting some sleep," she says.

But there are still enduring side effects. Jackson's memory is "still off" and still gets headaches and her sense of taste and smell suffered lasting damage. She doesn't drive far without someone with her because she's afraid of getting lost.



Starla Filippelli, Au.D, CCC-A, FAA, COHC



Chandran Achutan, Ph.D.

Audiology collaborates with College of Public Health

Starla Filippelli, Au.D, CCC-A, FAA, COHC, of the department's ENT & Audiology division collaborated with professor Chandran Achutan, Ph.D. to teach a course in UNMC's College of Public Health, ENV 909: Occupational Noise Exposure and Hearing Loss. This course will continue to be offered every other spring semester (year 2018, 2020). In this course, students will learn about the health effects, measurement, and control of occupational noise exposure, and emerging technology related to smartphones and hearing protection. The targeted audience include doctoral students interested in occupational health, professional students, and nursing students.

Upon completion of this course, students may take an external examination administered by the Council

for the Accreditation of Occupational Hearing Conservationists (CAOHC) to earn the credential of "Certified Occupational Hearing Conservationist [COHC]."

Drs. Achutan and Filippelli, have also implemented their knowledge from this course into the clinic. Audiology, 3rd Floor LOC, provides OSHA hearing screenings for the University of Nebraska Medical Center as well as Nebraska Medicine employees. This offers a resource for both UNMC and Nebraska Medicine to comply with OSHA standards, if any concerns of noise exposure arise in the workplace.



You can now visit the Department of Otolaryngology's Twitter feed. Our Twitter page will highlight the important work our faculty are doing to educate the next generation of Otolaryngologists. We will highlight our faculty and residents along with the course work they are completing

Find us @EntUNMC

Faculty



Christie Barnes, M.D.
Assistant Professor
Specialty:
Rhinology
Anterior Skull Base Surgery
Sialendoscopy



Wesley Heckman, M.D.
Assistant Professor
Specialty:
Facial Plastic and Reconstructive Surgery
Rhinoplasty
Aesthetic Surgery
Rehabilitation for Facial Nerve Paralysis
Skin Cancer



Christopher M. Bingcang, M.D.
Assistant Professor
Specialty:
Laryngology
Voice
Airway
Swallowing



Dwight T. Jones, M.D.
Chairman & Professor
Specialty:
Pediatric general Otolaryngology
Pediatric Sinus Disorders
Pediatric Airway Disorders
Pediatric Cystic Fibrosis



Jayme Dowdall, M.D.
Assistant Professor
Specialty:
Laryngology
Voice
Airway Swallowing



Timothy Knudsen, M.D.
Assistant Professor
Specialty:
General Otolaryngology
Thyroid and Parathyroid Disease
Otolaryngic Allergy



Katie Geelan-Hansen, M.D.
Assistant Professor
Specialty:
Facial Plastic and Reconstructive Surgery
Aesthetic Surgery
Rhinoplasty
Rehabilitation for Facial Nerve Paralysis
Skin Cancer



Jeffery Markt, D.D.S.
Associate Professor
Specialty:
Oral and Maxillofacial Prosthetics
Dental Oncology



Jonathan Hatch, M.D.
Assistant Professor
Specialty:
Hearing and Balance Disorders
Lateral Skull Base Surgery
Otology
Neurotology



Gary F. Moore, M.D., FACS
Professor
Specialty:
Otology/Neurotology
Lateral Skull Base Surgery
Vestibular Schwannomas / Surgery
Cochlear Implants
Vertigo and Balance Disorders



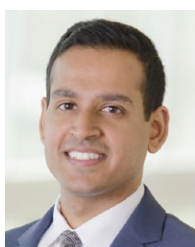
Samuel Pate, M.D.
Assistant Professor

Specialty:
General Otolaryngology
Rhinology
Otologic Surgery
Sialendo



Ryan K. Sewell, J.D., M.D.
Assistant Professor

Specialty:
Pediatric Otolaryngology
Pediatric Sinus Disorders
Pediatric Airway Disorders
Pediatric Cystic Fibrosis
Pediatric Sleep Disorders



Zafar Sayed, M.D.
Assistant Professor

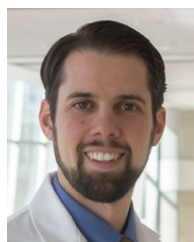
Specialty:
Head and Neck Surgical Oncology

Residents



John Blecha, M.D.
Residency Completion 2019

Medical School:
University of Nebraska Medical Center



Tyler Bliss, M.D.
Residency Completion 2020

Medical School:
University of Texas
Medical Branch



Andrew Logeman, M.D.
Residency Completion 2019

Medical School:
Loyola University Chicago
Stritch School of Medicine



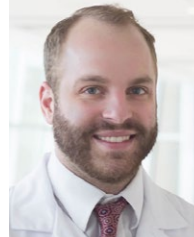
Brandon Wachal, M.D.
Residency Completion 2020

Medical School:
University of Nebraska Medical Center

Residents continued



Matthew Miller, M.D.
Residency Completion 2020
Medical School:
University of Colorado
School of Medicine



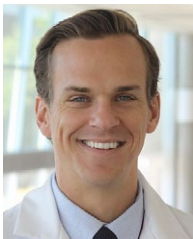
Matt Solverson, M.D.
Residency Completion 2022
Medical School:
University of Wisconsin-Madison



Jonathan Chiao, M.D.
Residency Completion 2021
Medical School:
University of Illinois at Urbana-Champaign



Jenna Berg, M.D.
Residency Completion 2023
Medical School:
University of Nebraska Medical Center



Mark Miller, M.D.
Residency Completion 2021
Medical School:
University of Rochester



Steven Curry, M.D.
Residency Completion 2023
Medical School:
Thomas Aquinas College



Kleve Granger, M.D.
Residency Completion 2022
Medical School:
University of South Carolina
School of Medicine

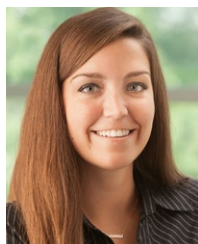


Dallin Christensend, M.D.
Residency Completion 2023
Medical School:
Brigham Young University



Lauren Klute, D.O.
Residency Completion 2022
Medical School:
Creighton University

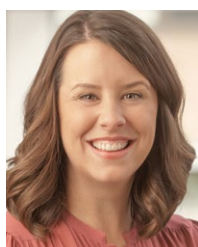
Advanced Practice Providers



Starla Filippelli, AuD, CCC-A, FAAA, COHC
Clinical Audiologist
Specialty:
Audiology



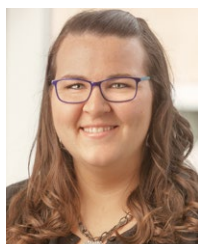
Andrea Ott, PA-C
Physician Assistant
Specialty:
Pediatric Otolaryngology



Jenna Kenny, PA-C
Physician Assistant
Specialty:
General Otolaryngology
Otolaryngic Allergy



Carla Schneider, PA-C
Physician Assistant
Specialty:
General Otolaryngology
Sinus/Nasal Disorders



Ashton Lampe, AuD
Clinical Audiologist
Specialty:
Audiology



Joyce Sharp, M.S., CCC-A
Clinical Audiologist
Specialty:
Audiology



Lauren Liebig-Trehearn, AuD, CCC-A, FAAA, COHC
Clinical Audiologist
Specialty:
Audiology



Anne Storey, PA-C
Physician Assistant
Specialty:
General Otolaryngology
Facial Plastic and Reconstructive Surgery



Lindsey Mannel, PA-C
Physician Assistant
Specialty:
General Otolaryngology
Sinus/Nasal Disorders

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Head & Neck Surgical Oncology	402.559.5600
Oral Facial Prosthetics/Dental Oncology	402.559.9200
Facial Plastic Reconstructive Surgery	402.559.5700
Sinus Center	402.559.5808

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This Newsletter is produced by the Department of Otolaryngology – Head and Neck Surgery in the College of Medicine at the University of Nebraska Medical Center.

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