Going Global

Weill Cornell Medicine and the Department of Otolaryngology-Head & Neck Surgery have a well-established international reputation that attracts patients, medical students, researchers and physicians from around the world.
Message
From the Chair

We are pleased to bring you the latest brochure from our Department. We continue to prosper, and both NewYork-Presbyterian Hospital and Weill Cornell Medical College continue to thrive. Our Department’s many subspecialty programs continue to grow, and the Weill Cornell/NewYork-Presbyterian Center for the Performing Artist has helped a large number of performing artists in New York City. We have exciting new programs and leadership opportunities for our faculty, which are featured inside. In particular, I am pleased that after a national search, Dr. Sam Selesnick was named the next Editor-in-Chief of The Laryngoscope journal, which means that our specialty’s premier journal will stay in the Department.

We are doing many surgical cases at the Hospital’s state-of-the-art ambulatory center, the David H Koch Center. The technology and the patient experience are second to none, and this new Center has been a great addition for our patients, faculty and residents.

Our residency and fellowship programs are also doing extremely well, and we continue to benefit from our unique collaborative relationship with the Department of Otolaryngology-Head & Neck Surgery at Columbia University’s College of Physicians and Surgeons, which is also growing under the leadership of Chairman Dr. Larry Lustig.

Thanks again for your interest in our Department, and we hope you enjoy the brochure.

Sincerely,

Michael Stewart, M.D., M.P.H.
Professor & Chairman, Department of Otolaryngology-Head and Neck Surgery
Senior Associate Dean for International Affairs & Affiliations
Weill Cornell Department of Otolaryngology

Current Office Locations
At Weill Cornell Medicine, our faculty members provide the full spectrum of modern care for all Ear, Nose, & Throat issues, from newborns to adults. Hearing testing and hearing aid services are also available, except in our Chappaqua and Sean Parker offices. Our offices are all conveniently located and easily accessible via public transportation.

Upper East Side
1305 York Avenue, 5th Floor
at 70th Street
New York, NY 10021
646-962-3681

Upper West Side
2315 Broadway, 3rd Floor
at West 84th Street
New York, NY 10024
646-962-9135

Lower Manhattan
156 William Street, 12th floor
New York, NY 10038
646-962-5200

Pediatric Otolaryngology
428 East 72nd Street, Suite 100
New York, NY 10021
646-962-2224

Sean Parker Institute for the Voice
240 East 59th Street, 2nd floor
New York, NY 10022
646-962-7464

Facial & Reconstructive Surgery
59 South Greeley Avenue, Suite 4
Chappaqua, NY 10514
646-962-2285

Hearing & Speech Center
Upper East Side
Upper West Side
Lower Manhattan
Pediatric Otolaryngology
646-962-2231

http://ent.weill.cornell.edu
Global Reach

Weill Cornell Medicine and the Department of Otolaryngology-Head & Neck Surgery have a well-established international reputation that attracts patients, medical students, researchers and physicians from around the world.

“We exist within a medical school and a hospital that have extensive global reach,” says Dr. Michael Stewart, Chairman of the Department. “Many international patients come to New York to be cared for in our hospital, and our Department has also hosted several international Otolaryngologists from countries such as France, the Czech Republic, Greece, the Canary Islands, Mexico, Uzbekistan, Ukraine and Russia.”

One of the reasons Weill Cornell enjoys a worldwide reputation is the outreach work that its clinicians are doing in other countries. “We have collaborations on six continents,” Dr. Stewart explains. Weill Cornell has founded successful health care initiatives in developed countries like Qatar, Brazil, Taiwan and South Korea, and also in resource-poor countries like Haiti and Tanzania.

In addition to Weill Cornell Medicine-Qatar — the first American university to offer an M.D. degree overseas — the Department has also collaborated with the ENT Department at Hamad Medical Corporation in Qatar, with visiting professors giving lectures, offering patient consultations and providing assistance with surgery. Hamad Medical Corporation achieved ACGME International accreditation for their otolaryngology residency, making them only one of a handful of ACGME-I accredited program in the world.

For many years, the Department has hosted two annual seminars in Austria (one in temporal bone surgery, and a second in otolaryngology) as part of the Salzburg Weill Cornell Seminars, which focus on clinicians from former Eastern Bloc nations. Sponsored by the American Austrian Foundation, the two Salzburg Weill Cornell Seminars are having significant real-world impacts: “A doctor from Mongolia learned about cochlear implants and went back to Mongolia to start the first cochlear implant program in Mongolia,” Dr. Stewart explains. “She got the idea when she was at the Salzburg seminar.”

The Department also has close ties to the city of Paris, where Dr. Samuel Selesnick, Vice Chairman of the Department, is the Senior US Medical Counselor at the American Hospital of Paris and is improving academic coordination between the two institutions. And at the city’s Institute Arthur Vernes, a resident exchange program allows residents from that hospital to do elective time with Weill Cornell, whose residents can also visit the Paris hospital. Additionally, the Department is actively exploring possible collaborations with otolaryngology departments in China.

Individual faculty members are also extending the global influence of the Department. “Many of our faculty are known internationally and get invited to be visiting professors around the world,” says Dr. Stewart. Faculty members have made presentations in Guangzhou and Hong Kong, China; Tokyo, Japan; Zagreb, Croatia; Cartagena, Colombia; Stockholm, Sweden; Mexico City,
Mexico; and St. Petersburg, Russia – just to name a few.

Among the faculty members active in international research and education, Dr. Selesnick is also the General Secretary of the Pulitzer Society, the international society for Otology. In that role, he is responsible for helping to organize their international meetings.

Dr. Maria Suurna, Assistant Professor in the Department of Otolaryngology, has been named the Regional Advisor for Europe of the American Academy of Otolaryngology-Head and Neck Surgery and Dr. Joseph Montano, Chief of Audiology and Speech Language Pathology, has been named to the World Health Organization’s Working Group on the Rehabilitation Competencies Framework as part of “Rehabilitation 2030: A Call for Action.”

These worldwide initiatives enhance Weill Cornell’s expanding global reach. “We are fortunate to be in an institution that gives us great international opportunities, and to have faculty who are internationally known” says Dr. Stewart.
Sentinel Node Mapping Using Fluorescent Targeted Silica Nanoparticles

Weill Cornell Medicine and the Department of Otolaryngology-Head & Neck Surgery have a well-established international reputation that attracts patients, medical students, researchers and physicians from around the world.

A new intraoperative procedure for mapping sentinel lymph nodes during head and neck cancer surgery is the focus of a clinical investigation now being conducted by Weill Cornell Medicine in collaboration with Memorial Sloan-Kettering Cancer Center and NewYork-Presbyterian Hospital.

The use of technetium-99m sulfur colloid with or without blue dye in sentinel node mapping is well established, but there are radiation safety protocols and other limitations to its use. Nonetheless, “it’s very important from a prognostic standpoint and a treatment standpoint to know which lymph nodes need to be treated,” explains Dr. David Kutler, Associate Professor of Otolaryngology and primary investigator in the new research.

Dr. Kutler’s new research initiative involves a different type of sentinel node mapping using injections of targeted silica nanoparticles known as cRGDY-PEG-Cy5.5-C dye-labeled particles (dots). This imaging agent was developed by Dr. Michelle Bradbury, Director of Intraoperative Imaging and Dr. Snehal Patel at Memorial Sloan-Kettering Cancer Center. The fluorescent nanoparticles can be injected intraoperatively and are taken up by the lymphatics in about one half-hour.

For the Phase II clinical investigation, patients will be injected with technetium-99m sulfur colloid prior to surgery as part of their standard of care, and those images will be acquired about two hours later using a gamma probe. Additionally, each patient will receive injections of cRGDY-PEG-Cy5.5-C dots in four quadrants around their tumor about 30 minutes prior to their surgical operation. Imaging of this agent using a hand-held camera system and video monitoring will continue throughout the biopsy procedure.

The potential advantages to using these targeted silica nanoparticles are numerous. Because they are fluorescent, real-time imaging with a hand-held fluorescence imaging camera can be used during surgery.

It’s helpful in that we can limit the amount of surgery we do if we can easily find the lymph nodes that the tumor drains to.

Dr. David Kutler
Associate Professor of Otolaryngology

Additionally, the use of the targeted silica nanoparticles obviates the need for the precautions typically associated with technetium-99m sulfur colloid or other radioactive tracers, so their use “might be safer because you don’t have to expose the staff or the patient to radioactivity,” Dr. Kutler adds. “It’s also potentially more sensitive in finding the lymph nodes.”
The clinical investigation is currently recruiting up to 60 patients with melanoma and oral cavity squamous cell carcinoma and is expected to last about two years. Due to the novelty of using targeted silica nanoparticles for oral cavity cancers, “it’s not yet approved by the FDA for this particular purpose. It’s been used for other things — mostly for melanoma — but not for head and neck cancers,” Dr. Kutler explains. “It’s completely new. It’s not being done anywhere else.”
Since 2012, when the Department of Pediatric Otolaryngology assumed responsibility for the craniofacial program at Weill Cornell Medicine, the Cleft and Craniofacial Team has experienced impressive growth. “We’ve built it into a multidisciplinary program and received accreditation from the American Cleft Palate-Craniofacial Association (ACPA),” says Dr. Vikash Modi, Co-Director of the Cleft and Craniofacial Team.

Before 2012, the team saw less than 30 patients a year and performed fewer than 10 craniofacial surgeries annually. Now we see over 100 patients annually, and we’re performing over 70 craniofacial surgeries annually. We are now a regional referral center and are attracting patients from other institutions as well as overseas.

The Cleft and Craniofacial Team’s growth has been matched by an excellent surgical success record and use of innovation. “Palatal fistulas can be a concern in cleft palate surgery, but our fistula rate is less than five percent, one of the lowest fistula rates in the country,” Dr. Modi says. “Our Cleft and Craniofacial Center is also unique in that we are the first institution to implement polysomnography-guided mandibular distraction, eliminating the guess work, and introducing precision with distraction.”

Helping families through a trying period can begin before birth by providing prenatal consultations. “Whenever an ultrasound is suggestive of a cleft lip or a cleft palate, we meet the parents prenatally to provide support and prepare them for the road ahead” says Dr. Modi.

Much of the team’s success can be attributed to the comprehensive array of specialists now housed under one roof at the Pediatric Cleft and Craniofacial Center on East 72nd Street in Manhattan. “We have a fantastic team which includes facial plastic surgeons, pediatric sleep medicine specialists, oral surgeons, orthodontists, speech and swallow therapists, neurodevelopmental pediatricians, neurosurgeons, prosthodontists, pediatric dentists and otolaryngologists — it’s a big group of people who all work together for a common goal,” says Dr. Modi.

Additionally, an estimated 20 percent of children who have cleft palate surgery will need specialized speech therapy to address velopharyngeal insufficiency (VPI). “Our Pediatric Cleft and Craniofacial Center is unique in that we have a VPI center within our team that provides care for kids with VPI speech problems,” Dr. Modi adds.

A team of dedicated professionals needs a coordinator who can keep everyone moving ahead. Amanda Neilan, NP, who is also a pediatric nurse practitioner, is the clinical coordinator for the Cleft and Craniofacial Team and is responsible for providing continuity of care among the different specialties and helping patients and their families understand which appointments are upcoming and how to prepare for them. For families and children facing complex medical procedures, “It’s often overwhelming,” says Dr. Modi. “It can be challenging to navigate all the different caregivers and specialists. A clinical coordinator provides support for the families and creates a comprehensive roadmap for their care.”
The Craniofacial Program by the Numbers

Craniofacial Surgeries 2008-2018

Key
- Cleft Lips
- Mandibular Distractions
- Cleft Palate/VPI
- Cranial Vault

VPI & Cleft Palate Repairs 2008-2019

Key
- Pharyngoplasty
- Pharyngeal Flap
- Palatoplasty
- Injection Pharyngoplasty

The Craniofacial Program by the Numbers

Craniofacial Surgeries by Year

VPI & Cleft Palate Repairs by Year
Sean Parker Fellowship
The Sean Parker Fellowship in Laryngology, now in its second year, is a unique two-year training program that was established to satisfy an unmet need in laryngological research.

“As laryngology matures as a subspecialty, clinicians trained to a high level in clinical investigation become more and more important,” explains Dr. Lucian Sulica, the Sean Parker Professor of Otolaryngology and Director of the Sean Parker Institute for the Voice. “The poorly-received 2009 Clinical Practice Guideline for Hoarseness did serve to highlight the lack of high powered clinical research to inform patient care in our field.” Taking on the task of training individuals to carry out such work was a natural fit for The Sean Parker Institute, combining its missions for research and education. “In the long term, of course, it also serves our primary mission, which is patient care,” observes Dr. Sulica.

The Sean Parker Fellowship grants participants a Master of Science degree in Clinical and Translational Investigation, in addition to the usual clinical training. “The Sean Parker Fellowship is an endowed fellowship unlike any other in the country,” says Dr. Sulica. “It’s conceived for people who want to be future thought leaders in our field. We don’t expect it to appeal to everyone - only a subset of the candidate pool in any given year gets excited by the opportunity, but this is for them.”

A commitment to that research work drives Dr. Keith Chadwick, the first holder of the Sean Parker Fellowship. His Masters’ project examines KTP laser and its success rate in treating benign vocal fold lesions in awake patients in the office, when compared to traditional microlaryngoscopy surgery. Regarding the KTP laser, Dr. Chadwick says, “It’s become widely used, driven by convenience and the ability to avoid general anesthesia, despite the lack of data to show that results are truly equivalent to microsurgery. Even small differences may be of consequence to some patients, like the many performers treated at the Sean Parker Institute for the Voice.”

Indeed, KTP surgery has not been the subject of prospective, comparative evaluation. Dr. Chadwick is enrolling patients for such a study. “We’re following them over a certain amount of time to assess the appearance of the surgical site, their voice quality, and how their voice is functioning for them and then comparing those outcomes,” Dr. Chadwick explains. “It’s a fundamental kind of study, but it hasn’t yet been done.”

As a former actor and singer himself, Dr. Chadwick brings an insider’s perspective to his work with performing artists. “I did a lot of performing when I was younger, then I took a year off before I started med school, and during that time I did some professional musical theater performances,” he explains. “I think it gives me some unique insight with our performing voice patients. And I feel like I can connect with them and their concerns a little bit better because of that.”
National Leadership Update

The physicians in the Department of Otolaryngology at Weill Cornell Medicine are recognized internationally as leaders in their field. Many serve in prominent positions within professional medical associations, where they continue to set the standards for research, education and clinical care.

Michael Stewart, M.D., M.P.H., has been appointed the Executive Vice President of the American Rhinologic Society (ARS), where he will serve as the organization’s main operating officer. Dr. Stewart was appointed by the board of the ARS — the principal professional association in the United States for rhinologists — for a renewable term of three years. Additionally, he is a Past President of the American Board of Otolaryngology - Head and Neck Surgery, where he was the Director of the Board for several years.

Samuel Selesnick, M.D., has been selected to be the Editor-in-Chief of the journal The Laryngoscope following a year-long search. First published in 1896, The Laryngoscope is the journal of The Triological Society and remains the leading source for information on new developments in the diagnosis and treatment of head and neck disorders. Dr. Selesnick is also a Past President of both the American Otological Society and the American Neurotology Society. Dr. Selesnick succeeds Michael Stewart, M.D., M.P.H. who served as the publication’s Editor-in-Chief for 8 years.

Anaïs Rameau, M.D., has been awarded a CTSC KL2 Career Development Award for the proposal, “Bedside aspiration screening using artificial neural networks in the recognition of the ‘wet’ voice,” for the award period July 1, 2018, through June 30, 2020.


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Selected Faculty Publications 2018-19


Riley CA, Soneru CP, Husain Q, Gray ST, Senior BA, Tabae A. Faculty attitudes towards rhinology fellowship training: a survey of rhinology fellowship programs. Am J Rhinol Allergy 2019;33:8-16.


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Residency Update

Combining the resources of Weill Cornell Medicine and Columbia University College of Physicians and Surgeons, the joint Otolaryngology – Head and Neck Surgery Residency Training Program provides outstanding opportunities in clinical care, research, and academic medicine.

2018 - 2019 Weill Cornell OTO Graduates

Mahmoud Awad, M.D.  Matthew Kim, M.D.  Sarah Maurrasse, M.D.  Tiffany Peng, M.D.

2019 - 2020 Weill Cornell OTO Interns

Clara Lee, M.D.  Elliot Morse, M.D.  Aaron Oswald, M.D.  Andre Shomorony M.D.

Our New Residency Alumni Association

The Departments of Otolaryngology – Head & Neck Surgery at Weill Cornell Medicine and Columbia University worked together to create a new Residency Alumni Association in 2017, which includes graduates of all Otolaryngology residency programs that are or were associated with Weill Cornell Medical College, Columbia University, and Manhattan Eye, Ear, and Throat Hospital.

Our Residency Alumni Association hosts an annual dinner during the yearly, two-day comprehensive otolaryngology update course held in New York City. During this dinner, alumni and faculty, as well as current residents and fellows, are able to connect and network, forging and re-establishing lasting and valuable professional relationships that span generations.

The Distinguished Alumnus Award

This year we were pleased to award the Third Distinguished Alumnus Award to Dr. Wesley Hicks, who is currently Professor and Chairman of the Department of Otolaryngology at Roswell Park Comprehensive Cancer Center in Buffalo, NY. Dr. Hicks graduated from Manhattan Eye, Ear & Throat Hospital in 1990.

We look forward to our Residency Alumni Association’s future growth and continued success, and we invite our alumni to join us at upcoming events!
What Our Patients are saying about us

Our Physician Organization made a decision to partner with an external vendor to both review our online reputation and to get immediate patient reviews and feedback after an appointment with a Weill Cornell Medicine Otolaryngology provider (physician, audiologist or speech language pathologist). For the latter project, patients receive a text message or email after they leave our office with a link where they leave their immediate feedback about our practice. The information below reflects how our department has scored on both of these continuing institution-wide initiatives:

**Review summary** for selected time period

- **4.9**
- **8,761 reviews**
- 6,002 5-star reviews
- 176 4-star reviews
- 37 3-star reviews
- 21 2-star reviews
- 101 1-star reviews
- 2,424 reviews have no rating

**Top review sources** for selected time period
- Google (3,894) 4.9★
- Healthgrades (2,119) 4.9★
- BirdEye (324) NR

**Online Reputation Highlights** (June 2017 to December 2019)
- Our **Reputation Summary** improved from 4.8 to 4.9 (out of 5.0) from last year to this year.

**Text Program Highlights**
- To date, we have sent out 139,845 review requests and received 8,761 reviews (6% response rate).
- To date, we have received 6,178 reviews with positive sentiment (4 or 5 star rated) which is **71%** of our total reviews.
May 15-16 2020
2 day Comprehensive Course with hands on Cadaveric dissection lab

New York Advanced Rhinology and Sinus Surgery Course

Course Description
Tri Institutional Course with Faculty from Local, National and International Rhinology Programs

Course Information
Marie M Toussaint, MPA
1305 York Avenue, New York, NY 10021
mot2005@med.cornell.edu
(646) 962-3353

Course Location
1305 York Avenue, 2nd Floor
Conference Rooms WGC-B, WGC-C

SAVE THE DATE

13th ANNUAL
New York Pediatric Airway Symposium
October 1, 2020 Thursday

15th ANNUAL
Otolaryngology Update in NYC
October 21 & 22, 2021
At the NY Hilton Hotel