

DEPARTMENT OF
OTOLARYNGOLOGY



*A Division of the
Multidisciplinary
Head and Neck
Surgery Center*

**The Program for
Comprehensive
Management of
Salivary Diseases**





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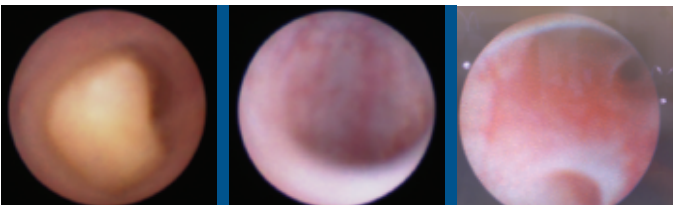
What are Salivary Glands?

Salivary glands are the organs in the body responsible for the production of saliva. The major salivary glands include the parotid glands in front of the ears, the submandibular glands under the jaw, and the sublingual glands under the tongue. There are hundreds of minor salivary glands throughout the oral cavity.

The major salivary glands have ducts, or tubes, that the saliva flows through to get to the mouth. If these ducts become blocked, the glands can become swollen and infected repeatedly. Poor salivary flow can be from salivary stones, narrowing of the duct, or other materials clogging the system. Historically, recurrent infections and swelling were treated with removal of the glands with external incisions. Using the latest technology, surgeons at Mount Sinai School of Medicine are able to treat these “plumbing” issues endoscopically to potentially avoid an open procedure. This technique is called sialoendoscopy.

What is Sialoendoscopy?

Sialoendoscopy is the use of very small instruments to visualize within the salivary ducts. The use of scopes and cameras enables physicians to find causes of blockage and potentially treat them. By employing endoscopic instruments with lasers, the obstruction of the ductal system can be relieved without external incisions or removing the glands.



Without the need for external incisions, patients go home the same day. They begin taking fluids while in recovery and progress to a normal diet at home. Often, only minimal amounts of pain medication are required as patients quickly recover and resume their daily lives

Tumors of the Salivary Glands

Tumors of the salivary glands are managed by Mount Sinai's Multidisciplinary Head and Neck Cancer team. For both benign and malignant disease, the head and neck surgeons at Mount Sinai use the latest research and surgical techniques. The coordinated care of our team allows seamless integration of radiation and chemotherapy treatment protocols for more aggressive diseases when needed.

Patients with systemic syndromes, autoimmune diseases, and a history of radioactive iodine treatment, may also have dysfunction of the salivary glands. Sometimes special lip biopsies in addition to blood tests may be needed to better characterize the disease process.

Whether endoscopic, minimally invasive techniques or large, open procedures are required, the Program for Comprehensive Management of Salivary Diseases at Mount Sinai School of Medicine is experienced in the treatment of salivary gland disorders.

VIVEK GURUDUTT, MD joined the Faculty of the Department of Otolaryngology–Head and Neck Surgery at Mount Sinai School of Medicine in 2008 as an Assistant Professor of Otolaryngology. Fellowship trained at the University of California School of Medicine, San Francisco, Dr. Gurudutt is board certified and an expert in head and neck oncology. Additionally, he spent time in Switzerland advancing his experience with sialoendoscopy. His clinical interests include general otolaryngology, sleep disorders and diseases of the salivary glands. His research interests include optical imaging in cancer detection as well as clinical outcomes research.



How to Refer

To refer a patient or to learn more, please call our practice at (212) 241-9410 or (212) 241-9405.

For more information, please visit us at www.mountsinai.org/headandneck

Physician Access Services

Physician Access Services offers referring doctors and their patients effortless access to the Mount Sinai Medical Center.

Telephone (212) 241-4983

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