

Mayo Clinic Expert Pearls in ENT - Online CME

Activity Description

This Mayo Clinic online course focuses on select topics of contemporary interest to Otolaryngologists. The course is richly illustrated with pictures, figures and videos. Each subject matter is covered by expert subspecialists who share their pearls in managing these conditions.

“Frontal Sinus Surgery - Systematic Technique” is designed for those who wish to undertake formal frontal sinus dissection. This part will comprehensively cover the related surgical anatomy and helpful instrumentation. The basic technique in frontal sinusotomy (Draf IIA) will be detailed via figures and videos. Indications, steps and concepts in advanced surgical techniques will be also discussed. The course will not cover balloon-only procedures.

“Pearls in Rhinology” will discuss updates in management of epistaxis, chronic sinusitis without nasal polyps, allergic fungal sinusitis and Eustachian tube dysfunction.

“Pearls in Laryngology” will detail Killian-Jamieson diverticulum, management of recurrent laryngeal nerve transection, laryngeal oddities, muscle tension dysphagia, and considerations in communicating with singer patients.

“Facial Plastic Surgery for the General Otolaryngologist” will cover rhinoplasty techniques and management of the paralytic eyelid. Rhinoplasty will focus on identification of preoperative findings and techniques for correction. Special focus on using costal cartilage (cadaveric or autologous) that are applicable to the general otolaryngologist. The course on management of the paralytic eyelid will dive deeply into the issues that arise with both the upper and lower eyelid when paralysis is present. This will include discussion of medical management and surgical treatment options with special focus on the bipediced orbicularis oculi musculocutaneous flap.

Target Audience

The course is designed primarily for Otolaryngologists. Certain sections may be of interest to Speech and Language Pathologists, NPs and PAs with practices dedicated to Otolaryngology

Learning Objectives

Upon completion of this activity, participants should be able to:

Frontal Sinus Surgery - Systematic Technique

- Identify and correlate endoscopic landmarks to simulate a 3D construct of the frontal sinus outflow tract.
- Differentiate frontal techniques based on extent of surgery (Draf I-III)
- Describe steps and instruments for “standard” endoscopic frontal techniques (Draf I, Draf IIA)
- Enumerate indications and steps of advanced frontal techniques

Pearls in Rhinology

- Evaluate a ladder approach to the management of epistaxis
- Classify subtypes of chronic rhinosinusitis without nasal polyps
- Discuss the pathophysiology and inflammatory mechanisms of allergic fungal sinusitis
- Assess treatment strategies for dilatory Eustachian tube dysfunction

Pearls in Laryngology

- Recognize the differences between a Killian-Jamieson and Zenkers diverticulum
- Identify the appearance of different rheumatologic diseases of the larynx

- Examine the theoretical framework for muscle tension dysphagia (MTDg)
- Identify how singers describe vocal function and voice problems

Facial Plastic Surgery for the General Otolaryngologist

- Identify cases where rib grafting may be beneficial
- Demonstrate diced cartilage grafting for dorsal correction and/or dorsal augmentation
- Assess the paralytic eyelid by history and physical exam
- Identify medical and surgical management options for the paralytic eyelid

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

Accreditation Statement



In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

Credit Statement(s)

AMA

The Mayo Clinic College of Medicine and Science designates this enduring material for a maximum of 6.50 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AOA

The American Osteopathic Association designates this program for a maximum of 6.50 AOA Category 2-A credits.

Disclosure Summary

As a provider accredited by Joint Accreditation Interprofessional Continuing Education, Mayo Clinic College of Medicine and Science must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, Faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these relevant financial relationships will be published in activity materials so those participants in the activity may formulate their own judgments regarding the presentation.

Financial relationship(s):

None

No Financial relationship(s):

Brittany E. Howard, M.D.

Christina H. Kang, CCC-SLP

William E. Karle, M.D.

Devyani Lal, M.D.

Michael J. Marino, M.D.

Reference to off-label usage(s) of pharmaceuticals or instruments in their presentation:

Name	Manufacturer/Provider	Product/Device
William E. Karle, M.D.	Allergan, Merz Aesthetics, Galderma, Genzyme	Hylaform (Hyalan B gel), Juvederm / Juvederm Ultra, Restylane / Perlane, Radiesse Voice Gel, Cymetra
Michael J. Marino, M.D.	Generic	Budesonide

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Mayo Disclaimer

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Prerequisites for Participation

There are no prerequisites needed prior to participating in this education activity.

How to Obtain Credit

Complete the post-test and submit for credit when logged in to your account at <https://ce.mayo.edu>.

Method of Participation

Participation in this activity consists of reviewing the online course and completing the post-test.

Release and Expiration Dates

Release Date: July 08, 2020

Expiration Date: July 07, 2023

Acknowledgement of Commercial Support

No commercial support was received in the production of this activity.

Faculty and Course Director Listing and Credentials

Course Director:

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