

**9<sup>th</sup> International Otolaryngology Underwater Update Course**  
**October 24 – 27, 2023**  
**Half Moon, Jamaica**  
**AGENDA**

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**Tuesday, October 24, 2023**

**Morning Session: Rhinology Lectures**

*Moderated by Elina M. Toskala, M.D., Ph.D., M.B.A.*

6 a.m. **Breakfast & Exhibits**

6:30 a.m. **Welcome & Overview**  
*Greg Davis, M.D., M.P.H.*

6:40 a.m. **How to Incorporate Allergy Management into an ENT Practice**  
*Elina M. Toskala, M.D., Ph.D., M.B.A.*  
**Objectives:**

- Describe allergy epidemic and hygiene hypothesis behind allergic airway diseases
- Explain how to diagnose and manage allergic airway disease

7 a.m. **Long Term Olfactory Dysfunction After COVID: What Have We Learned & Where Are We Going?**  
*Professor Claire Hopkins, M.D. Ph.D.*  
**Objectives:**

- Describe long-term recovery rates
- Outline predictors for persistent loss
- Identify current evidence-based treatments

7:20 a.m. **Posterior Nasal Nerve Ablation: Evaluation & Treatment Pearls**  
*Suzette K. Mikula, M.D.*  
**Objectives:**

- Recognize the anatomy and physiology of the posterior nasal nerve
- Outline different types of devices used for posterior nasal nerve ablation
- Describe the pros and cons of each device used for posterior nasal nerve ablation

7:40 a.m. **Ethics in Rhinology**  
*David W. Kennedy, M.D.*  
**Objectives:**

- Enumerate the potential ethical issues in rhinologic practice
- Identify the importance of the informal curriculum in medical student and resident teaching
- Recognize potential traits leading to unethical behavior and improve student selection

8 a.m. **Adjourn**

## Afternoon Session: Otology Lectures

*Moderated by Michael Hoffer, M.D.*

- 3:45 p.m. **Exhibits**
- 4 p.m. **Keynote Speaker**  
**Help The Diver! What Every ENT Should Know to Protect & Treat Divers**  
*Jim Chimiak, M.D.*  
**Objectives:**
- Describe the diving environment and how it impacts the diver
  - Outline the range of ENT issues that affect divers
  - Illustrate the importance of the ENT diving medical consultation
- 4:50 p.m. **Advances in the Management of Dizziness**  
*Michael Hoffer, M.D.*  
**Objectives:**
- Explain how to diagnose vestibular disorders
  - Describe how to treat vestibular disorders
  - Outline emerging technologies for dizziness disorders
- 5:15 p.m. **Tinnitus Mitigation: Tackling the Whole Problem**  
*Peter Weisskopf, M.D.*  
**Objectives:**
- Recognize data-driven options for tinnitus mitigation
  - Describe common co-existing conditions that exacerbate successful tinnitus management
- 5:40 p.m. **Techniques in Otitis Externa Management**  
*Joni Kristin Doherty, M.D., Ph.D.*  
**Objectives:**
- Recognize the fragile nature of the inner ear
  - Identify factors related to hearing loss
- 6:05 p.m. **Updates on Genetic Hearing Loss**  
*Jay Rubinstein, M.D., Ph.D.*  
**Objectives:**
- Identify clinical and family history information vital to interpretation of genetic test results
  - Describe predicted course of hearing loss and response to intervention based on specific genotypes
  - Describe the complexities of genetic testing for hearing loss and deafness
- 6:30 p.m. **Adjourn**

**Wednesday, October 25, 2023**

## Morning Session: General Lecture

*Moderated by Ken Kazahaya, M.D., M.B.A.*

- 6 a.m. **Breakfast & Bionorica Product Theater** (*not for CME credit*)  
*Exhibit Hall – Arcadia 2*
- 6:30 a.m. **Office-Based Conscious Sedation**  
*Douglas Sidle, M.D.*  
**Objectives:**
- Learn what equipment and training is needed to perform proper conscious sedation in the office setting
  - Understand which patients are appropriate candidates for in-office sedation, and on which patients conscious sedation should be avoided

- 6:50 a.m.      **Opioid Stewardship in Ambulatory Tonsillectomy & Adenoidectomy**  
*Jake Dahl, M.D., Ph.D., M.B.A.*  
**Objectives:**
- Outline the concept of opioid stewardship
  - Describe how an opioid-sparing anesthetic/analgesic protocol can be incorporated into your practice
- 7:10 a.m.      **HPV and Me (and You)**  
*Joshua Hornig, M.D.*
- Describe trends in epidemiology of HPV+ oropharyngeal cancer (OPC)
  - Provide an update on staging HPV+ OPC using AJCC 8<sup>th</sup> edition
  - Outline treatment options for HPV+ OPC
- 7:30 a.m.      **In-Office Ear Tube Placement in Children**  
*Ken Kazahaya, M.D., M.B.A.*  
**Objectives:**
- Discuss considerations for placement of ear tubes in children
  - Outline the methods and various equipment choices for performing in-office ear tube placement
- 7:50 a.m.      **Panel: What's New in Otolaryngology?**  
*Panelists: Douglas Sidle, M.D.; Jake Dahl, M.D., Ph.D., M.B.A.*  
*Moderator: Ken Kazahaya, M.D., M.B.A.*  
**Objectives:**
- Present new technologies available in general otolaryngology
  - Describe new techniques and technologies in otolaryngology
- 8:10 a.m.      **Adjourn**

**Afternoon Session: Sleep Lectures**  
*Moderated by Jeffrey Houlton, M.D.*

- 3:45 p.m.      **Exhibits**
- 4 p.m.      **Perioperative Management of ENT Patients with Comorbid Obstructive Sleep Apnea (OSA): What Are the Anesthetic Considerations?**  
*Colin Huntley, M.D.*  
**Objectives:**
- Outline the anatomical considerations to consider when evaluating the induction of general anesthesia
  - Evaluate various types of general anesthesia and the benefits and downfalls
  - List the considerations of inpatient vs. ambulatory surgery in patients with OSA
- 4:20 p.m.      **Initial Evaluation of the OSA Patient**  
*Phillip Huyett, M.D.*  
**Objectives:**
- Describe the key factors in the sleep history and physical exam for the OSA patient.
  - Explain when to order an in-lab sleep study or home sleep apnea test as well as the interpretation of sleep study reports
- 4:45 p.m.      **Personalized Approach to Treatment of Sleep Apnea**  
*Maria Suurna, M.D.*  
**Objectives:**
- Outline the pathophysiology and phenotypes of sleep apnea
  - Recognize various individualized treatment options for sleep apnea

- 5:10 p.m. **Building an Inspire Practice** (*pre-recorded*)  
*Brian Mitchell, D.O.*  
**Objectives:**
- Describe the role of Inspire hypoglossal nerve stimulation therapy wishing a surgical sleep apnea practice
  - List insurance/payor related challenges to establishing an Inspire practice
  - Describe community outreach approaches to building an Inspire related practice
- 5:35 p.m. **The Impact of Positive Pressure Therapy (PAP) After Nasal & Sinus Surgery: Is It Safe?**  
*Colin Huntley, M.D.*  
**Objectives:**
- Outline the risks of using PAP therapy after nasal surgery
  - Explain the risks of not reinstating PAP therapy after nasal surgery
  - List alternatives to PAP to consider after nasal surgery
- 5:55 p.m. **Panel: The Surgical Treatment of OSA in 2023**  
*Panelists: Colin Huntley, M.D., Phillip Huyett, M.D., Suzette Mikula, M.D.*  
*Moderated by Maria Suurna, M.D.*  
**Objectives:**
- Describe how to evaluate patients for surgical treatment candidacy
  - Become familiar with most current surgical treatment options for sleep apnea
- 6:30 p.m. **Adjourn**
- 6:30–7:30 p.m. **Divers Alert Network Work Group** (*not for CME credit*)

**Thursday, October 26, 2023**  
**Morning Session: Pediatrics Lectures**  
*Moderated by Ken Kazahaya, M.D., M.B.A.*

- 6 a.m. **Breakfast & Exhibits**
- 6:30 a.m. **Management of Infantile Hemangioma**  
*Christopher Cheng-Yu Liu, M.D.*  
**Objectives:**
- Identify patients with infantile hemangioma that will require treatment and/or surgical intervention
  - Describe treatment options for infantile hemangioma
- 6:50 a.m. **Management of Pediatric Chronic Neck Infections**  
*Christopher Cheng-Yu Liu, M.D.*  
**Objectives:**
- Describe the causes of recurrent neck infection in the pediatric population
  - Identify and manage atypical cervicofacial lymphadenitis
- 7:10 a.m. **Pediatric Rhinology Update**  
*Jake Dahl, M.D., Ph.D., M.B.A.*  
**Objectives:**
- Describe the current diagnostic approach to children with chronic rhinosinusitis
  - Outline the surgical indications for children with chronic rhinosinusitis

- 7:30 a.m. **What to Do With "Other" Vascular Anomalies: Who to Observe, Who to Treat, & Who to Refer**  
*Graham Strub, M.D., Ph.D.*  
**Objectives:**
- Distinguish other vascular anomalies of the head and neck from infantile hemangioma
  - Describe the currently available treatments for head and neck vascular anomalies including laser, intralesional injection, systemic therapy, and excision
  - Outline which patients require referral to multidisciplinary vascular anomalies centers
- 7:50 a.m. **Pediatric Panel: What's New In Pediatric Otolaryngology?**  
*Panelists: Jake Dahl, M.D., Ph.D., M.B.A.; Christopher Cheng-Yu Liu, M.D.*  
*Moderator: Ken Kazahaya, M.D., M.B.A.*  
**Objectives:**
- Present new/innovative techniques and technologies in pediatric otolaryngology
  - Describe evidence-based management of infantile hemangioma
  - Identify and manage atypical cervicofacial lymphadenitis
- 8:10 a.m. **Adjourn**

**Afternoon Session: Rhinology Lectures**  
*Moderated by Elina M. Toskala, M.D., Ph.D., M.B.A.*

- 3:45 p.m. **Exhibits**
- 4 p.m. **Chronic Rhinosinusitis (CRS) Endotypes: How Knowing This Can Improve Outcomes**  
*David B. Conley, M.D.*  
**Objectives:**
- Outline the current theories of endotype mechanisms in CRS
  - List the clinical indicators of CRS endotypes
  - Describe emerging therapies and how endotypes may direct treatment
- 4:25 p.m. **Optimizing Use of Biologics in CRSwNP: Whom Should We Treat?**  
*Professor Claire Hopkins, M.D., Ph.D.*  
**Objectives:**
- Outline current guidelines for use of biologics
  - Analyze the role of biologics vs. surgery
  - Outline different available biologics and which one to choose
- 4:50 p.m. **Diagnosis and Management of Odontogenic Maxillary Sinus Disease**  
*David Poetker, M.D.*  
**Objectives:**
- Describe the epidemiology of odontogenic sinusitis
  - Outline the diagnosis of odontogenic sinusitis
  - Recognize treatment options for odontogenic sinusitis
- 5:15 p.m. **Skull Base Reconstruction: Simple to Complex**  
*John DelGaudio, M.D.*  
**Objectives:**
- Outline the basic principles of skull base reconstruction
  - Illustrate the specific pearls for the most common defects
  - Describe the reasons for failure of skull base reconstruction

- 5:40 p.m. **Odontogenic Sinusitis**  
*Warren Mullings, M.D.*  
**Objectives:**
- Describe the epidemiology of odontogenic sinusitis
  - Outline the diagnosis of odontogenic sinusitis
  - Recognize treatment options for odontogenic sinusitis
- 6 p.m. **Sinus Surgery Complications & Litigation: Real Cases**  
*Greg Davis, M.D., M.P.H.*  
**Objectives:**
- Illustrate the pitfalls that lead to rhinology lawsuits
  - Describe the approaches to minimize the risk of litigation
- 6:30 p.m. **Adjourn**
- 6:30-7 p.m. **Regeneron Product Theater & Happy Hour** (*not for CME credit*)  
*Exhibit Hall – Arcadia 2*

**Friday, October 27, 2023**  
**Afternoon Session 1: Facial Plastics Lectures**  
*Moderated by Ken Kazahaya, M.D., M.B.A.*

- 1:15 p.m. **Exhibits**
- 1:30 p.m. **Panel: Challenges & New Indications in Cochlear Implantation**  
*Panelists: Ken Kazahaya, M.D., M.B.A.; Peter Weisskopf, M.D.; Joni Kristin Doherty, M.D., Ph.D.; Jay Rubinstein, M.D., Ph.D.*  
*Moderated by Michael Hoffer, M.D.*  
**Objectives:**
- Identify new guidelines for cochlear implant candidacy
  - Describe new tests used to establish cochlear implant candidacy
  - Illustrate new methods for assessing the outcomes of cochlear implantation
- 1:55 p.m. **Innovative Techniques for Treating Nasal Valve Collapse**  
*Mary Ashmead, M.D.*  
**Objectives:**
- Recognize the variations of nasal valve related obstruction
  - Develop exam strategies to recognize undiagnosed obstruction
  - Identify procedural options to improve breathing
- 2:20 p.m. **Pearls of Primary Rhinoplasty**  
*Stephen Park, M.D.*  
**Objectives:**
- Recognize certain key landmines in primary rhinoplasty that lead to unfavorable outcomes
  - Describe the role of prophylactic spreader grafts
  - Outline how to improve outcomes in primary functional nasal surgery and precise, non-anatomic placement of batten grafts
- 2:45 p.m. **Extracorporeal Septoplasty**  
*Douglas Sidle, M.D.*  
**Objectives:**
- Understand the challenges of correcting the caudal septal deformity
  - Learn how to perform an extracorporeal septoplasty

- 3:10 p.m. **Keys to the Middle Vault: Form & Function**  
*Edward Farrior, M.D.*  
**Objectives:**
- Describe the anatomy of the middle vault and keystone
  - Improve the nuanced surgical maneuvers necessary to preserve or reconstitute the structural integrity of the middle vault

3:30 p.m. **Break & Exhibits** (*not for CME credit*)

## **Afternoon Session 2: Head & Neck Lectures**

*Moderated by Jeffrey Houlton, M.D.*

- 4 p.m. **Management of the Thyroid Nodule & Update on Cytomolecular Testing**  
*Derrick T. Lin, M.D.*

**Objectives:**

- Evaluate the role of fine needle aspiration and molecular testing
- Interpret guidelines for the management of thyroid nodules
- Describe the natural progression of thyroid nodules

- 4:25 p.m. **Underwater in Tongue-Tie Referrals: A Slightly Salty Perspective** (*pre-recorded*)  
*Kara Meister, M.D.*

**Objectives:**

- Recognize the physical exam findings associated with clinically significant ankyloglossia
- Present the literature surrounding surgical or procedural indications for correction of ankyloglossia
- Outline areas of potential hidden agenda and hype around the increasing incidence of ankyloglossia diagnosis, and formulate a plan to counsel families about these trends

- 4:50 p.m. **Benign Salivary Tumors: When to Take Them Out, How to Take Them Out, & What to Put Back In**  
*Jeffrey Houlton M.D.*

**Objectives:**

- Develop a standard workup for diagnosing salivary tumors
- Implement an algorithm for operating versus observing benign salivary tumors
- Treat selected parotid tumors with extracapsular dissection

- 5:15 p.m. **Management of the Neck in Papillary Thyroid Carcinoma**  
*Fernando Luiz Dias, M.D., Ms.C., Ph.D.*

**Objectives:**

- Outline the predictive factors for lymph node metastases
- Describe the prognostic impact of lymph node metastases
- Summarize the management of the neck in papillary thyroid carcinoma

- 5:35 p.m. **Panel: Controversies in the Treatment of Oral Cancer**  
*Panelists: Luiz Dias, M.D., Ms.C. Ph.D., & Derrick Lin, M.D.*  
*Moderated by Jeffrey Houlton, M.D.*

**Objectives:**

- Outline how recent staging changes affect the prognosis of oral cancers
- Describe how to triage oral cancer patients for adjuvant radiation
- Implement a variety of surgical techniques when treating oral cancer

- 6:30 p.m. **Adjourn**

## COURSE FACULTY

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