

Multidisciplinary Multidisciplinary Voice, Swallow & Airway Conference 2009

SESSION GOALS AND OBJECTIVES

Thursday, April 23, 2009

The use of FEES and Videostroboscopy for evaluating and treating voice and swallow disorders. A comprehensive Hands-on Workshop

() Topics to be covered during lecture*

- Scoring abnormal findings
- Interpreting abnormal findings
- Use of therapeutic interventions during FEES/Strobe exam
- Equipment handling rigid and flexible endoscopes
- Indications for FEES vs. fluoroscopy
- Using FEES/Strobe as biofeedback
- Risk associated with endoscopy
- Implementation of FEES/Strobe in different settings



Following this conference, participants will be able to:

- Demonstrate specialized knowledge by performing and interpreting endoscopic swallowing and voice evaluations;
- Demonstrate effective equipment use and how to configure it for one's own setting for maximum use and savings;
- Demonstrate report-writing skills to better communicate results;
- Demonstrate ability to create business plan, billing and marketing for both procedures;
- Effectively use of Fiberoptic Endoscopic Evaluation of Swallowing (FEES) as an effective evaluation tool and explain and interpret how it correlates with Videofluoroscopic Evaluation of Swallowing;
- Identify and express demographic and risk factors for voice and swallowing disorders;
- Create a business plan for effective partnership with physicians and other allied health professionals and how to engender working relationships with colleagues in one's community.
- List at least three holistic approaches to treatment of voice after workshop.
- Direct experience "hands on" with using flexible and rigid scopes for evaluating voice and swallowing disorders.
- Increase differential diagnostic evaluation of hypopharynx through knowing which scope and which procedures to select when evaluating voice and swallow disorders.

Friday, April 24, 2009

Anatomy and Physiology of Cough and How Does This Relate to Clinical Practice?

Following this conference, participants will be able to:

- Demonstrate knowledge of the neurology of airway protection.
- List the concepts and mechanisms associated with strength training.
- Learn the functional outcomes associated with expiratory muscle strength training.
- Implement the intervention protocol of expiratory muscle strength training.
- Provide a foundation for understanding the respiratory mechanical effects of expiratory pressure threshold loading.
- Provide a basis for the respiratory muscle metabolic response to expiratory pressure threshold loads.
- Develop an understanding of the relationship between strength training and expiratory muscle force generation capacity.
- Provide a foundation for brain responses to expiratory pressure threshold strength training.

Friday Afternoon, April 24, 2009

Hot Topics

Following this conference, participants will be able to:

- Express understanding of the benefit of an integrated, multidisciplinary team approach to the rehabilitation of swallowing and nutrition management.
- Discuss the factors that hinder patients from returning to oral feeding.
- List the possible psychological impact of being NPO.
- Demonstrate use of the role of surface EMG biofeedback in increasing swallow strength and function.

- Identify the anatomical changes following a Supracricoid Laryngectomy Partial Laryngectomy (SCPL) and to explain surgical procedures to improve swallow skills post SCPL.
- Describe benefits of using FEES and MBS when assessing SCPL in order to identify speech and swallowing issues for treatment intervention.
- The learner will be able to make appropriate recommendations to improve swallowing skills of patients s/p SCPL.
- Resolve voice prosthesis problems related to prosthesis placement, measurement, and failure with accuracy and success.
- Address specific anatomy concerns and resolve peristomal and stomal problems for voicing and device management.
- "Trouble shoot" voice prosthesis problems and follow a management hierarchy guide to resolve the problem area.

Saturday, April 25, 2009

Care of the Professional Voice User

Following this conference, participants will be able to:

- List major perspectives related to preoperative issues in the case of the professional singer
- Have an appreciation of phonosurgical principles and techniques that will return a singer to voice use in the shortest possible time
- Know and list the value of postoperative care in determination of when to return to full singing
- Know how to select and manage patients for office pulsed dye laser treatment of vocal fold polyp, scar, and papilloma.
- Know how to select patients and perform office based injection laryngoplasty
- Appreciate the multidisciplinary role in managing difficult voice cases
- Know the common mistakes made in the diagnosis of voice disorders

Saturday afternoon, April 25, 2009

Dysphagia Rehabilitation

Following this conference, participants will be able to:

- Explain efficacy and safety of electrical stimulation.
- Explain the role of biofeedback as an evidence based therapeutic strategy.
- Understand the fundamental principles and benefits of NMES
- Learn about the historical and current research in NMES for dysphagia treatment.
- Differentiate signs/symptoms of swallowing changes related to normal aging vs. disease process.
- Create rationale to support their protocol regarding frequency and intensity of treatment for voice, swallowing and airway disorders.
- Learn and demonstrate how to choose best strategies to rehabilitate various swallowing disorders.

NOTE: Concurrent "Hands-on" workshops. Each participant will have an opportunity to schedule time to obtain "Hands-on" experience with videostroboscopy and FEES. Sign up sheets will be available at the registration table.

Sunday, April 26, 2009

Airway

Following this conference, participants will be able to:

- Understand the organized anatomic and functional approach to chronic cough and the importance of each of the swallowing: Chest Xray, anatomy (nose, throat, sinuses, larynx, lungs, esophagus, brain), medications which may contribute (ACE inhibitors, beta-blockers). The three leading causes of cough: post-nasal drip, asthma and GERD. Other causes within reach of laryngoscope. A multidisciplinary approach.
- Provide state of the art applicable research updates regarding evidence based consensus, for evaluation and treatment of airway disorders for practicing clinicians.
- Identify the roles of the speech-language pathologist, otolaryngologist, pulmonologist and gastroenterologist in LPR management.
- Evaluate symptoms and videolaryngoscopic findings common in reflux in patients with obstructive sleep apnea (OSA) and to determine the relationship between laryngeal inflammation and OSA severity.
- Investigate vocal impairment and laryngeal findings in symptomatic patients to determine the prevalence of reflux based on subjective and objective signs of reflux.