

# **MSHA Summer Symposium MEDICAL Track- Full Session Descriptions**

## **Thursday July 30**

8:30 – 10:30 AM

**Timothy Carrier, M.A., CCC-SLP, and Sam Haider, M.D., MBA, Henry Ford Health Systems: *Speech and Language Assessment During an Awake Craniotomy***

Awake craniotomy is the preferred option for removal of brain tumors in a select population of patients when lesions are in the left hemisphere. One of the main goals of surgery is preservation of speech and language skills. In this presentation, the Speech-Language Pathologist and the neurosurgeon will review intraoperative interdisciplinary protocols and collaboration. The SLP will educate the audience on the process of pre-operative language testing and determination of candidacy for the procedure as well as the SLP role during surgery. Photos and videos will be used to enhance the presentation. At Henry Ford Health System, SLPs have been performing intraoperative language testing for over 25 years.

12:00 – 2:00 PM

**Ramya Konnai, Ph.D., CCC-SLP, and Anjali Lodhavia, M.A., CCC-SLP, Henry Ford Health Systems: *Respiratory Muscle Strength Training for Voice and Swallowing***

Participants will be introduced to two different respiratory muscle strength training devices—the Expiratory Muscle Strength Trainer 150 and the Breather. Effects of these devices on voice, speech, and swallowing will be discussed. EMST-150 specifically has been shown to help improve cough and swallow function in Parkinson's disease and stroke. It also helps with expiration and airway protection in ALS, COPD, and spinal cord injury. Research on The Breather is limited but can be used with patients with increased respiratory deficits where EMST-150 use is restricted. Pertinent literature supporting the use of these devices will be summarized. Benefits and limitations of the devices will be addressed.

2:15 – 4:15 PM

**Katie Strong, Ph.D., CCC-SLP and Natalie Douglas, Ph.D., CCC-SLP, Central Michigan University: *Supporting Communication in Individuals with Chronic Language and Cognitive Challenges***

If you are looking to kick your engine out of idle and into turbocharge for your work with individuals with chronic communication challenges, this session is for you. Join us as we outline practical evidence-based solutions for providing therapy services to adults with chronic communication disorders. First, we will highlight participatory based approaches for both aphasia and dementia populations. Then we will discuss applying the A-FROM framework beyond aphasia populations to include other chronic populations such as dementia, particularly to target identity and personhood. Finally, case examples will be used to highlight interventions that support authentic communication, naturalistic contexts, and purposeful engagement. Our goal is you will leave this session with your engine revved up with innovative evidence-based ideas to implement back in the office.

## **Friday July 31**

9:00 – 10:00 AM

**Marc Haxer, M.A., CCC-SLP, Michigan Otolaryngology Surgery Associates: *Chronic Cough***

Chronic cough has become a significant clinical entity over the past several decades. In most cases, non-chronic cough resolves spontaneously or with medical intervention. However, in a small cohort of patients, cough persists and can adversely affect quality of life. As chronic cough has become more familiar to medical professionals, speech-language pathology has been increasingly recognized as a discipline uniquely qualified to evaluate and treat chronic cough. This session will provide attendees with a detailed background of chronic cough, differential diagnosis of this issue, and methods for treating the patient presenting with chronic cough.

10:15 – 12:15 PM

**Teresa Lyden, M.A., CCC-SLP and Anna Blakely, M.A., CCC-SLP, Michigan Medicine: *Total Laryngectomy: Evaluation and treatment of alaryngeal communication and swallowing***

This presentation will provide an introduction to SLP's on the basics (and beyond) of total laryngectomy. An overview of the pre-operative H&N anatomy will be completed with discussion of changes in voicing and swallowing following total laryngectomy. A brief review of swallowing assessment and treatment post laryngectomy will be completed. Focus of the presentation will be on alaryngeal communication using a TE voice prosthesis. We will discuss: voice prosthesis selection at time of TEP; voice prosthesis options/selection; trouble shooting; managing a dislodged voice prosthesis; and brief review of

HME use. In addition, we will discuss management of the laryngectomy patient during this pandemic including considerations for clinician and patient safety.

1:30 – 3:30 PM

**Marla Perkins, Ph.D., CCC-SLP:** *Ethical and Intercultural Considerations in Dysphagia Management: Resource Creation Where There is No SLP*

Cross-cultural considerations in dysphagia management have traditionally been backgrounded in the field of speech-language pathology, but culture matters in dysphagia management, as some scholars have begun to point out. In this session, I present a cultural case study about the Hobongan, a people and language group in Borneo, in order to examine issues that can arise in the ethics and clinical practice of working in dysphagia management cross-culturally. The Hobongan people and language are particularly enlightening for this investigation because they use a set of expressions about the throat to describe people's character, which could have implications for their willingness to participate in dysphagia assessment and treatment, as well as their understanding of and thinking about dysphagia. I also include an introduction to my current project, developing and providing educational materials for dysphagia management to people in places where there is minimal medical care available. I also describe and discuss ethical considerations in the creation and provision of such resources. A lot of information about dysphagia management is based on work done with people from large majority populations who are speakers of Indo-European languages, and making that information and research available and accessible to minority communities raises ethical issues particularly with regard to competence of care and access to care. Participants in this session will develop a greater understanding of the ethical, clinical, and cultural complexities that can arise in and productive approaches to managing dysphagia cross-culturally and with people whose access to medical care is limited, for whatever reason.

3:45 – 4:45 PM

**Sheila Harkaway, M.S., CCC-SLP,** Michigan Medicine: *Myasthenia Gravis and Dysphagia*

Management of dysphagia in patients with myasthenia gravis can be challenging when you are unfamiliar with this diagnosis. We will review what myasthenia gravis is, medical intervention to treat myasthenia gravis, the typical presentation of dysphagia and the role of the speech-language pathologist in evaluation and treatment in patients suffering from this neuromuscular disease.

## **Saturday August 1**

8:30 – 10:30 AM

**Chelsea Ozuch, M.A., CCC-SLP,** Michigan State University: *Instrumental Assessment of Dysphasia*

Full Description coming soon

10:45 – 12:45 PM

**Alice Silbergleit, Ph.D., CCC-SLP, Jessica Shill, M.D., and Laura Garcia-Rodriguez, M.D.,** Henry Ford Health Systems: *Interdisciplinary Collaboration of the Transgender Client: Bridging Voice Therapy with Medical and Surgical Care*

Speech-Language Pathologists (SLPs) are increasingly being asked to evaluate and treat individuals who are transgender or gender non-conforming. The SLP will review the voice evaluation and a hierarchy of voice therapy techniques to align with the client's desired vocal identity. Practical therapy goals and patient videos will be presented. The endocrinologist will review hormone therapy and their side effects which may interfere or compliment voice therapy and the patient's vocal goals. The plastic surgeon will review common procedures such as thyroid notch shaving for transwomen and surgical formation of a laryngeal web to assist with pitch elevation. Advantages and disadvantages to these procedures will be discussed as they relate to vocal production and laryngeal function. Photographs of procedures will be used to enhance the presentation.

2:15 – 4:15 PM

**Pablo Antonio Ysunza, M.D., Ph.D., CCC-SLP,** Beaumont Health Systems: *MBSS or FEES or Both*

Modified Barium Swallow Study (MBSS) and Flexible Endoscopic Evaluation of Swallowing (FEES) are well accepted diagnostic markers for assessing oropharyngeal swallowing. However, the clinical information provided by each one of these procedures is different. The objective of this class is to present the anatomical and physiological information that MBSS and FEES can provide highlighting the differences between these procedures. The basic anatomy and physiology of the swallowing mechanism will be thoroughly reviewed. Recordings of MBSS and FEES in different clinical situations will be presented and discussed. MBSS and FEES provide useful clinical information on oropharyngeal swallow. One of these procedures may be preferred in some cases and in some cases both may be necessary.