

NCSHLA Dysphagia Symposium: Advanced Management of Dysphagia
 Biotech Place, 575 N Patterson Ave Ste 550, Winston-Salem NC 27101
 February 3, 2023

Advanced training in assessment and treatment of dysphagia is essential for Healthcare SLPs for evidenced-based practice and to optimize patient outcomes. Participants will learn from a panel of dysphagia experts on topics that range from broad to more targeted populations (such as Head and Neck Cancer, Esophageal Cancer, and Pediatrics) and impact across the continuum of care. Learners will leave the course better equipped to manage complex dysphagia cases.

7:30 – 8:00	Registration/Check-in
8:00-9:00	<p>Dysphagia Assessment Protocols and Considerations and Protocols</p> <p>R. Jordan Hazelwood, Ph.D., CCC-SLP, BCS-S, CCRE Appalachian State University, Boone, NC</p> <p>Dysphagia assessment protocols vary in purpose, procedure, outcomes, and context. These protocols should address standardization, safety/efficiency, compensation, interpretation, and documentation. This session will discuss when and how dysphagia assessment protocols should be used and review research that supports protocols as part of comprehensive assessment.</p> <p>Upon completion of this session, participants will be able to:</p> <ol style="list-style-type: none"> 1. Compare and contrast dysphagia assessment protocols. 2. Define five main areas dysphagia protocols should address as part of comprehensive assessment. 3. Name at least two considerations for when and how dysphagia protocols should be used. <p>Information level: Intermediate</p> <p>R. Jordan Hazelwood, Ph.D., CCC-SLP, BCS-S, is an Assistant Professor in the Department of Communication Sciences and Disorders at Appalachian State University. Dr. Hazelwood’s research focuses on the impact of education and training for dysphagia assessment and its relationship to the quality of life of people with swallowing disorders.</p> <p><i>Disclosures: Dr. Hazelwood is an employee of Appalachian State University and supported as a PI on the Researcher-Practitioner Collaboration grant from the ASHFoundation. She is a member of NCSHLA, ASHA, Dysphagia Research Society, and is an affiliate of ASHA's SIG 13. Dr. Hazelwood has no other relevant financial or non-financial relationships to disclose.</i></p>
9:00-9:45	<p>Research Updates on Dysphagia Treatment</p> <p>Leslie Johnson, PhD, CCC-SLP</p>

	<p>North Carolina Central University</p> <p>The purpose of this course is to examine the current literature supporting the intervention and treatment of dysphagia. Some clinicians may lack continuing education opportunities within this patient population and therefore rely on practices previously learned without realizing how the evidence to support those practices may or may not have changed. This presentation aims to fill that gap. This is a relevant topic for clinicians working in health care settings, or clinicians looking to remain informed on the frequently changing practices related to dysphagia.</p> <p>Upon completion of this session, participants will be able to:</p> <ol style="list-style-type: none"> 1. List 3 current dysphagia intervention practices, 2. Compare and contrast the use of dysphagia intervention strategies based on dysphagia etiology, and 3. Discuss supporting evidence related to dysphagia intervention. <p>Information level: Intermediate</p> <p>Leslie W. Johnson, PhD, CCC-SLP, is an assistant professor in the Department of Communication Sciences and Disorders at North Carolina Central University. Her research interest is in medical speech-language pathology, specifically related to adult neurogenetics and the influences of cultural background. She has done research and clinical work with a variety of populations, including individuals with dysphagia, traumatic brain injury, stroke, artificial airway, and head and neck cancer.</p> <p><i>Disclosures: Leslie Johnson receives salary from her primary place of employment, North Carolina Central University. She also maintains a position as a clinical SLP at University of North Carolina Hospitals and receives royalties from Carolina Speech Pathology. She is a member of NCSHLA and ASHA. Dr. Johnson has no other relevant financial or non-financial relationships to disclose.</i></p>
9:45-10:15	<p>Bridging Cranial Nerve Assessment to Dysphagia Treatment Planning</p> <p>Kellyn Dailey Hall, Ph.D. CCC-SLP North Carolina Central University</p> <p>Cranial nerve examination is an essential part of a clinical swallowing evaluation. The information derived from assessing the cranial nerves involved in swallowing can assist the medical SLP in planning further dysphagia assessments and interventions. This presentation will highlight how to derive useful diagnostic information from a cranial nerve exam and translate the information into specific research supported, dysphagia treatment interventions.</p> <p>Following the presentation, participants will be able to:</p> <ol style="list-style-type: none"> 1. Explain how to test the integrity of the cranial nerves involved in swallowing. 2. Identify deficits associated with cranial nerve dysfunction that may impact swallowing. 3. Explain research supported approaches to dysphagia management relative to specific cranial nerve impairments.

	<p>Information level: Advanced</p> <p>Kellyn Hall, Ph.D. CCC/SLP is a clinician, researcher, and author with over 30 years' experience working in a variety of medical settings. She is currently an Associate Professor in the Communication Sciences and Disorders program at North Carolina Central University where she teaches dysphagia, neuroanatomy, and medical speech-language pathology courses. Her recent published works have focused on culturally responsive practices in dysphagia management.</p> <p><i>Disclosures: Dr. Hall is an employee of North Carolina Central University. She is President-Elect of NCSHLA and the North Carolina State Advocate for Medicare Policy (ASHA). Dr. Hall has a course offered through Northern Speech Services called "Cranial Nerve Exam/Oral Mechanism: What Every SLP Needs to Know". She has no other relevant financial or non-financial relationships to disclose.</i></p>
10:15 – 10:30	Break
10:30-11:15	<p>Head and Neck Cancer: Dysphagia Considerations Across the Continuum of Care</p> <p>Diane Meadows, MS, CCC-SLP, BCS-S Novant Health</p> <p>The purpose of this presentation is to highlight the unique challenges in managing dysphagia within the head and neck cancer population. Considerations for standardized assessments and evidence-based treatment techniques will be discussed, as well as the importance of pulmonary clearance and quality of life. Many clinicians do not have the opportunity to pursue further specialized training in management of this growing population, perhaps to the detriment of patient outcomes. This presentation aims to heighten clinician awareness of these unique considerations.</p> <p>Upon completion of this session, participants will be able to:</p> <ol style="list-style-type: none"> 1. List 3 characteristics of late radiation-associated dysphagia. 2. Explain how assessment for dysphagia within the head and neck cancer population may vary from other populations. 3. Discuss supporting evidence related to dysphagia treatment options for the head and neck cancer population. <p>Information level: Advanced</p> <p>Diane Meadows completed her undergraduate degree at the University of Virginia and her Master's degree at the University of North Carolina at Chapel Hill. Diane performs FEES and is a registered MBSImP clinician. For the past 17 years, Diane has provided patient care in the adult acute, inpatient rehab, and Head and Neck clinic outpatient settings primarily through Novant Health Presbyterian Medical Center in Charlotte. Beginning in 2013, she began pursuing further specialty training in Head and Neck Cancer, including management of chemo-radiation and surgical patients, including laryngectomy. Since establishing the Radiation Oncology dysphagia pilot program at Huntersville Medical Center in 2016, she is now the primary head and neck cancer</p>

	<p>Speech language pathologist within the Novant system for patients in the greater Charlotte and northern areas. She is a Board-Certified Specialist in Swallowing and Swallowing Disorders. Diane leads the Novant Health SLP Head and Neck Cancer Best Practice team, the Charlotte Area Journal Club, and is the chair of the NCSHLA Healthcare Committee.</p> <p><i>Disclosure: Diane Meadows receives a salary from Novant Health. She is a member of NCSHLA, ASHA, and ASHA's SIG 13. Diane has no other relevant financial or non-financial relationships to disclose.</i></p>
11:15-12:00	<p>Esophageal Cancer: Dysphagia Considerations Across the Continuum of Care</p> <p>Della Mann, MSP, CCC-SLP, BCS-S Atrium Health</p> <p>This presentation will discuss dysphagia in people with esophageal cancer and will include assessment and treatment in a variety of settings. It will include one case study.</p> <p>Upon completion of this session, participants will be able to:</p> <ol style="list-style-type: none"> 1. Identify signs and symptoms of dysphagia in those with esophageal cancer. 2. Describe best assessment(s) to evaluate dysphagia. 3. Apply appropriate treatment to address swallow dysfunction. <p>Information level: Intermediate</p> <p>Della F. Mann, MSP, CCC-SLP, BCS-S has been a speech-language pathologist with Atrium Health working with the oncology population for 7 years. Della completed her graduate degree at the University of South Carolina and her clinical fellowship at the Charlie Norwood Veteran Affairs Medical Center. Della is an active member of the American Speech, Language, and Hearing Association and the International Association of Laryngectomees. She has played an integral role in developing Head and Neck Cancer dysphagia pathways for Levine Cancer Institute. In her free time, she enjoys spending time with her husband and two children.</p> <p><i>Disclosures: Della Mann is an employee of Atrium Health. She is a member of NCSHLA and ASHA. She has no other relevant financial or non-financial relationships to disclose.</i></p>
12:00 – 12:15	<p>Discussion Panel Q & A</p>
12:15 – 1:15	<p>Lunch on your own</p>
1:15-2:15	<p>Medical and Surgical Management of Swallowing Disorders</p> <p>Lyndsay Leigh Madden, DO, FACS, FAOCO Associate Professor of Otolaryngology-Head & Neck Surgery, Wake Forest School of Medicine</p>

	<p>The purpose of this course is to explore medical and surgical management for dysphagia from a laryngologist. We will explore indications for medical and surgical interventions for patients with dysphagia complaints along with treatment strategies.</p> <p>At the end of this session, participants will:</p> <ol style="list-style-type: none"> 1. Describe medical management of patients with dysphagia complaints. 2. Describe surgical approaches to the management of swallowing disorders. 3. Identify when it is appropriate to refer a patient for medical or surgical management of dysphagia. <p>Information level: Advanced</p> <p>Lyndsay Leigh Madden, DO, is an Associate Professor of Otolaryngology at Wake Forest Baptist Hospital. A native of Kentucky, Dr. Madden received her bachelor’s degree in Biology and Psychology from the University of Pikeville in 2005. She went on to earn her medical degree from Kentucky College of Osteopathic Medicine in 2009, and, upon graduation, completed otolaryngology residency training at Ohio University. After residency, she accepted a fellowship in Laryngology and Care of the Professional Voice at the University of Pittsburgh Voice Center, where she completed her training in 2015. She began working at AH-WF Voice and Swallowing Center in 2015.</p> <p>Dr. Madden is a board-certified otolaryngologist whose scope of practice encompasses all aspects of laryngology, including disorders affecting voice, breathing, coughing, and swallowing, as well as other throat symptoms. Her current research interests lie in patient safety and quality improvement, neurologic disorders of the larynx, swallowing disorders, and health equity in laryngology.</p> <p>A longtime fan of choral music and musical theater, Dr. Madden has a deep appreciation of the vocal skill and technique that are required during such performances, and it was this that led to her fascination with the science of voice and voice production. She understands that the voice is central to personal identity and human communication, as well as professional interactions among all people—from teachers and performers to members of the clergy and administrators. She feels fortunate to care for her patients and treat all aspects of laryngology—voice, swallowing, and airway disorders.</p> <p>Seeing her patients’ quality of life improve through treatment is the greatest reward of Dr. Madden’s career. When it comes to patient care, she approaches each patient with an open mind and utilizes an individualized treatment plan through a multi-disciplinary team approach. When she’s not working, Dr. Madden loves spending time with her husband, daughter, and their family cat at their home in Winston-Salem, NC.</p> <p><i>Disclosures: Dr. Madden is an employee of Atrium Health Wake Forest Baptist Health and Wake Forest University School of Medicine. Dr. Madden has no other relevant financial or non-financial relationships to disclose.</i></p>
2:15-2:45	<p>Pharyngeal Manometry</p> <p>Candace Friedman, MS, CCC-SLP Atrium Health Wake Forest Baptist</p>

	<p>The purpose of this course is to examine the use of pharyngeal manometry as a diagnostic and therapeutic tool for dysphagia assessment and management.</p> <p>At the end of this session, participants will be able to:</p> <ol style="list-style-type: none"> 1. Explain how pharyngeal manometry can be used as a diagnostic tool for dysphagia. 2. Explain how pharyngeal manometry can be used for dysphagia treatment. 3. Identify patient populations that may benefit from pharyngeal manometry. <p>Information level: Intermediate</p> <p>Candace Friedman is a Speech-Language Pathologist with the Department of Otolaryngology Head and Neck Surgery at Atrium Health Wake Forest Baptist (AHWFB). She is part of their outpatient team dedicated to the assessment and management of head and neck and swallowing disorders. Ms. Friedman returned to AHWFB this past year having spent the previous six years at Atos Medical as a Clinical Educator and Territory Sales Manager. In these roles, she directly supported the laryngectomy and tracheostomy populations, trained healthcare providers in these areas, and assisted hospitals within North Carolina and surrounding states in programmatic growth and development. Prior to this, Ms. Friedman spent ten years as an integral part of the Wake Forest Baptist speech teams within both the inpatient and outpatient settings. She was a Board-Certified Specialist in Swallowing and Swallowing Disorders (BCS-S) during this time, and has been an invited speaker at numerous state and national courses.</p> <p><i>Disclosures: Candace Friedman is an employee of Atrium Health Wake Forest Baptist. She is a member of NCSHLA and ASHA. Candace has no other relevant financial or non-financial relationships to disclose.</i></p>
2:45 – 3:00	Break
3:00-3:45	<p>Pediatric Dysphagia Management Across the Continuum of Care</p> <p>Lillian Scott, MS, CCC-SLP, IBCLC, UNC Health</p> <p>This presentation will discuss diagnostic and management of dysphagia in the pediatric population. Pediatric feeding disorder (PFD) is defined as impaired oral intake that is not age-appropriate and is associated with medical, nutritional, feeding skills and/or psychosocial dysfunction (Goday et al, 2019). Dysphagia and PFD are assessed and treated across the continuum of care. Risk for complication related to aspiration vary in different settings and with patient stability. This impacts speech-language pathologist’s recommendation and education on dysphagia risk/benefits. Infant and/or child’s health and co-morbidities also impact dysphagia recommendation. Interdisciplinary teams and collaboration are needed when supporting PFDs and dysphagia. This presentation will provide case study across different settings to demonstrate how care and treatment is different and what recommendations are made.</p> <p>After this session, participants will be able to</p> <ol style="list-style-type: none"> 1. Define pediatric feeding disorder (PFD). 2. Compare how treatment plan and management differs across settings.

3. Describe the etiologies of dysphagia.

Goday, P. S., Huh, S. Y., Silverman, A., Lukens, C. T., Dodrill, P., Cohen, S. S., ... & Phalen, J. A. (2019). Pediatric feeding disorder: consensus definition and conceptual framework. *Journal of pediatric gastroenterology and nutrition*, 68(1), 124.

Information level: Advanced

Lillian Scott, M.S., CCC-SLP, IBCLC (she/her/hers) is a speech-language pathologist (SLP) and international board-certified lactation consultant (IBCLC) with experience with adults and pediatrics in the area of swallowing and dysphagia. While completing her master's degree at Gallaudet University she discovered a passion for swallowing and dysphagia in the pediatric population. Curiosity regarding infant feeding practices in the neonatal intensive care unit, bias in favor of breastfeeding, and wonderful mentors led her to pursue knowledge and skills in lactation. She enjoys working with families in the inpatient and outpatient setting, and completing Videofluoroscopic swallow studies and Fiberoptic Endoscopic Examinations of Swallowing. She views success as when families meet their infant feeding goals. Lillian strives to foster collaboration between the fields of SLP and IBCLCs through professional education, and interdisciplinary discussions. She is the Lead SLP in SLP & Lactation Clinic and a member of UNC Feeding Team at UNC Health and serves on the board for the Appalachian Breastfeeding Network.

Disclosures: Lillian Scott is an employee of UNC Health and Lillian Gray Scott, LLC. She is a member of ASHA. Ms. Scott has no other relevant financial or non-financial relationships to disclose.

3:45-4:45

“Gnarly Necks:” The Impact of Spinal Abnormalities on Swallowing. Unique Case Studies

Melissa Cooke, MS. CCC-SLP, Medical University of South Carolina

Spinal pathology is fairly common as we age and can be observed frequently on modified barium swallow study (MBSS)- but how often are we stuck thinking “what in the world is that?!” as we try to interpret how the patient’s spinal pathology impacts their dysphagia? This presentation will start with a short review of cervical spinal anatomy and physiology as it pertains to imaging during an MBSS, then delve into several case studies featuring “gnarly necks” while identifying anomalies and impact on patient impairment.

At the end of this session, participants will be able to:

1. Identify spinal structures on a MBSS.
2. Describe the impact of spinal abnormalities in disordered swallowing.
3. Describe common interventions and/or treatment for patients with swallowing disorders caused by spinal abnormalities.

Information level: Intermediate

	<p>Ms. Cooke is a Program Manager in the Cancer Control and Disparities program at the Medical University of South Carolina, currently working on an R01 funded study in Head and Neck Cancer survivorship. She is also a contract researcher for The Dysphagia Rehabilitation Laboratory at the University of Cincinnati and Swallowing Cross-Systems Collaborative at Northwestern University. She has 8 years of experience as a medical SLP and specializes in oropharyngeal and esophageal swallowing disorders, voice disorders and head and neck cancer, including the use of high-resolution manometry in the assessment and biofeedback of oropharyngeal dysphagia.</p> <p><i>Disclosures: Ms. Cooke is an employee of the Medical University of South Carolina and has independent research contracts with the University of Cincinnati and Northwestern University. She is a member of ASHA. Ms. Cooke has no other relevant financial or non-financial relationships to disclose.</i></p>
4:45 – 5:00	Discussion Panel Q & A



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Morning Session: 8:00 AM – 12:15 PM 0.4 CEUs/4 PDH
 Afternoon Session: 1:15 AM – 5:00 PM 0.35 CEUs/3.5 PDH
 Informational Level: Varied

If you would like to receive ASHA CEUs, please complete and submit the program evaluation form indicating which lectures you attended. Your evaluation form must be submitted by **Friday, February 10, 2023 at 11:59 PM (EST)**.

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