

LEARNING OBJECTIVES

1. Describe the rationale for common concerns by radiologists and speech pathologists
2. Discuss the evidence and concrete conversational content to address these concerns
3. Discuss the patient and provider experience and the outcome of MBSS using evidenced based practices

A Modified Barium Swallowing Study (MBSS) is a videofluoroscopic examination of swallowing physiology, airway protection, and bolus clearance *throughout* the upper aerodigestive tract. It is a primary assessment tool that identifies the nature and severity of swallowing impairment and directs the development of appropriate, effective, evidenced based approaches to swallowing treatment. MBSS was designed as a collaborative examination merging the distinct expertise between speech-language pathologists and radiologists. The past ten years have witnessed a progressive decline in the intended collaborative approach related to multiple factors in both specialties including: inadequate education and training on swallowing physiology, impairment, and purpose of the MBSS, misperceptions regarding necessity, scope, protocol, and safety of the exam; competing health care sources, inequitable access to services, and lack of communication between specialties. This session will include dynamic, frank discussions between speech pathologists and radiologists clarifying common areas of misunderstanding about the purpose, procedure, and practitioner roles during a Modified Barium Swallowing Study (MBSS). The presentation will focus on the Modified Barium Swallowing Study (MBSS) and there will be limited information about similar procedures.

We will honor the
passing of another
Master,
Dr. Bronwyn Jones,
an amazing
PIONEER
in our field.



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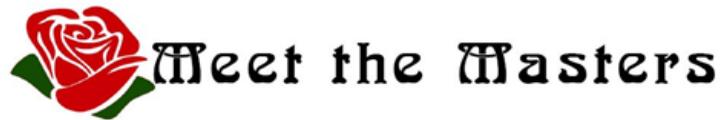
Meet the Masters

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From Conflict to Collaboration: Facilitating Conversation with Radiologists during the Modified Barium Swallow Study



Wed, November 16, 2022
Morial Convention Center
New Orleans, LA
5 p.m.– 7 p.m.



Meet the Masters

The Symposium Program will look a little different this year—

5:00-5:15	BCS-S Chair Welcome Dedication to Dr. Bronwyn Jones
5:15-6:30	Expert panelists paired to address common areas of controversies:
	<ul style="list-style-type: none"> • What does requisite graduate training in swallowing disorders and fluoroscopy for SLP and radiologists look like? • How does <i>pulsed vs continuous</i> fluoroscopy impact the accuracy of MBSS results and radiation safety? • Do contrast materials, volumes, and order of presentation impact outcome? • Should esophageal clearance be part of the MBSS and what is the diagnostic yield? • What is the added value of AP viewing? • Should stopping rules for aspiration and residue exist? • Are there distinctions between lead accessories that lessen or enhance radiation doses? • Should MBSS and Esophagrams be combined – which comes first? • What is the ideal MBSS recording resolution, playback, and storage medium? • Is there a role for mid-level radiology providers? • Should MBSS guidelines exist?
6:30-7:00	Questions and Answers

THE BEST FACULTY FOR THIS SUBJECT! Who are they?

Bonnie Martin-Harris PhD, CCC-SLP is the Alice Gabrielle Twight Professor in the Roxelyn and Richard Pepper Department of Communication Sciences and Disorders, Otolaryngology Head & Neck Surgery and Radiation Oncology, Director of the Swallowing Cross System Collaborative Laboratory, and Associate Dean for Faculty Affairs in the School of Communication at Northwestern University.

Heather Shaw Bonilha PhD, CCC-SLP is a speech-language pathologist whose research focuses on improving the care of patients with swallowing and voice disorders. She is a Professor at Emory University based in Atlanta, Georgia, Professor in the College of Health Professions at the Medical University of South Carolina where she serves as the Division Director for Speech-Language Pathology, and Co-Director of the Interdisciplinary Doctoral Program in Health and Rehabilitation Sciences.

David J. DiSantis, MD is a graduate of the University of Pennsylvania School of Medicine and completed residency and fellowship at the Mallinckrodt Institute of Radiology. In addition to having chaired the GI Radiology Maintenance of Certification Examination Committee for the American Board of Radiology. Dr. DiSantis is associate editor of Abdominal Radiology and is on staff at Mayo Clinic, Jacksonville.

Ben Mervak, MD, CIIP is a Clinical Associate Professor of Radiology Associate Medical Director of Informatics, Division of Abdominal Radiology, University of Michigan. Dr. Mervak graduated from University of Michigan Medical School, completed his residency at University of Michigan Health System, Diagnostic Radiology plus completed his fellowship at Michigan Medicine at Abdominal Imaging.

Harry Ingleby, PhD, MCCPM is a medical imaging physicist with CancerCare Manitoba and holds appointments as a lecturer in Radiology and is an adjunct professor in Physics & Astronomy at the University of Manitoba. Dr. Ingleby and Dr. Bonilha, along with Catriona Steele, co-authored the article “A Tutorial on Diagnostic Benefit and Radiation Risk in Videofluoroscopic Swallowing Studies”

FACULTY DISCLOSURES

Financial – **Dr. Martin-Harris** is employed by Northwestern University and Edward Hines VA Hospital and receives salaries. She also received royalties from Northern Speech Services for teaching and from MUSC Foundation of Research as an inventor and receives grants from National Institutes of Health and Department of Veterans Affairs as principle investigator and honorarium from JH Conference Planning for speaking.

Non-Financial – No relevant disclosures

Financial – **Dr. Bonilha** is employed by Emory University and receives a salary. She also received a consulting fee from Bracco Financial as a speaker and writer; honoraria and grants from National Institutes of Health for Study Section Member and principle investigator; honoraria from American Journal of Speech-Language Pathology as editor for Adult Dysphagia, honorarium from JH Conference Planning for speaking.

Non-Financial – No relevant disclosures

Financial – **Dr. DiSantis** is employed at Mayo Clinic, Jacksonville and receives a salary. He also received honorarium from JH Conference Planning as speaker.

Non-Financial – No relevant disclosures

Financial – **Dr. Ingleby** is employed CancerCare Manitoba and at University of Manitoba and receives salaries. He also received honorarium from JH Conference Planning for speaking.

Non-Financial – No relevant disclosures

Financial – **Dr. Mervak** is employed at University of Michigan and receives a salary. He also received honorarium from JH Conference Planning for speaking.

Non-Financial – volunteer committee member appointments at American College of Radiology Contrast Media and Society of Abdominal Radiology Workshop Planning Committee. He is also a member of the voluntary Steering Board for Epic/Radiant Steering Board.



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