# KANSAS CITY, MO May 3-4, 2014





### **SEMINAR DESCRIPTION**

The first CE Program to organize this essential body of knowledge into one seminar for the Speech-Language Pathologist.

Intended for the speech-language pathologist, this seminar integrates a holistic review of anatomy and physiology of the critical systems of the human body as related to medical speech pathology. Presented will be valuable information on how body systems function to promote, delay, or impede progress with intervention programs targeting acquired communication and/or swallowing disorders. Foundational concepts for understanding the relationships between pathophysiology, laboratory studies (e.g. blood, urine, etc.), and pharmacological interventions are introduced. Learn how blood sugar levels and brain cell sodium levels can affect communication and swallowing. Special emphasis is placed on the impact of disease and the medical management process as related specifically to communication and swallowing disorders. This seminar puts it all together for the SLP and participants will leave with a better understanding of how body systems function in relation to interventions employed by the speech-language pathologist.

Content Disclosure: The content of this CE seminar does not focus exclusively on any specific proprietary product or service.

### **SPEAKER**



**BRS-S**, is the Chief Clinical Officer for Southeastern Biocommunication Associates. LLC. Dr. Arnold has over 20 years of experience n medical speech-language pathology as a liagnostician, therapist, clinical research scientist, author, inventor, and adjunct professor. He has made numerous presentations at the state, regional, and national level. Dr. Arnold has peen twice presented with the Distinguished Clinical Achievement Award by the Speech and Hearing Association of Alabama and he is a Board Recognized Specialist in Swallowing and

Robert J. Arnold, SLP.D, CCC-SLP,

### Speaker Disclosure:

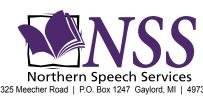
Financial — Robert Arnold is presenter of CE seminars sponsored by Northern Speech Services; receives speaking fees.

Financial — Robert Arnold is author of online CE courses sponsored by Northern Speech Services; receives royalties.

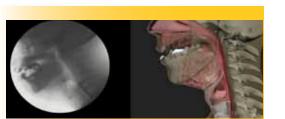
Financial — Robert Arnold is inventor of Oromotor Dynamometer; holds patent.

Nonfinancial — Robert Arnold has no relevant nonfinancial relationships to disclose.

See more details on this seminar: Medical Speech Pathology: The Influence of Body Systems on Communication and Swallowing Interve



**Speech Pathology CEUs** 



**APRIL 5-6, 2014** 



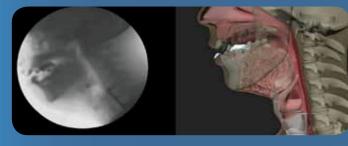
KANSAS CITY, MO MAY 3-4, 2014

### SPEECH PATHOLOGY CEUS I UPCOMING CONFERENCES

DES MOINES, IA April 5-6, 2014

### The MBSImP® **And Dysphagia Practice:**

Targeted Intervention Through Standardized Physiologic Swallow



1.0 ASHA CEUs

KANSAS CITY, MO May 3-4, 2014

### **Medical Speech Pathology:** The Influence of Body Systems

on Communication and **Swallowing Interventions** 



**1.2 ASHA** CEUs

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# **SPEECH PATHOLOGY CEUS**

Also see Additional CE events, including Portland, Orlando, Nashville, Boston and Tampa. Visit: www.NorthernSpeech.com

**DES MOINES, IA** April 5-6, 2014



KANSAS CITY, MO May 3-4, 2014



**Medical Speech Pathology:** 

The Influence of Body Systems

Anatomy and physiology of critical body systems as related

■ Frequently encountered disease states known to have adverse

■ Correlations between abnormal lab values and communication

■ To identify medications for potential benefits or detriments

on Communication and

to medical speech pathology

and swallowing disorders

**Swallowing Interventions** 

impacts on communication and swallowing

pertaining to communication and swallowing

### The MBSImP® **And Dysphagia Practice:**

Targeted Intervention Through Standardized Physiologic Swallow Assessment

- To detect mild to profound deviations in swallow function using the evidence-based MBSImP scoring system
- Standardized reporting of results, impairment profiles and outcome indicators
- Targeted, evidence-based intervention for swallowing-specific
- Objective documentation to treatment response and patient

Appropriate for all speech-language pathologists who evaluate or treat adults with dysphagia in any clinical setting.

### SPEAKER:

Bonnie Martin-Harris, PhD, CCC-SLP, BRS-S

**1.0 ASHA** 

**SPEAKER:** 

Robert J. Arnold, SLP.D, CCC-SLP, BRS-S

**1.2 ASHA** 

at www.northernspeech.com/MBSImP. The online training is open only to speech-language pathologists

**DES MOINES, IA** April 5-6, 2014



### The MBSImP®™ **And Dysphagia Practice:**

Targeted Intervention Through Standardized Physiologic Swallow Assessment

### **SEMINAR DESCRIPTION**

This seminar addresses the adult population and is designed for clinicians who conduct MBS exams, treat patients following an MBS exam, or both, in any setting along the healthcare continuum. The format includes an evidence, case-based approach to learning the implementation and interpretation of a standardized modified barium swallowing examination using the MBSImP. Participants will learn to execute a standardized and efficient examination that permits flexibility for safe and immediate introduction of interventions based on the nature of impaired components. Implications of the MBSImP approach on radiation safety will be presented. Performing and treating clinicians will learn to link oropharyngeal physiologic components to potential levels of disruption in sensor-motor control across patient diagnoses

Participants will learn to detect mild to profound deviations in normal function across various ages based on new evidence using the MBSImP component scoring system. The potential application for neuroprotective and neurorehabilitative exercises will be presented The functional relationships between esophageal clearance abnormalities and oropharyngeal swallowing disorders will be discussed. The application of targeted interventions and treatment planning based on specific impairments of swallowing will be covered. Participants will receive sample reports and learn to create electronic, web-based patient reports based on MBSImP

Outcome tracking within a single healthcare facility or healthcare system that supports the value of the MBS study and swallowing treatment will be demanded in a climate of healthcare reform. To that end, participants will learn to set appropriate goals and identify and track patient outcomes. Participants will also learn how de-identified MBSImP data creates opportunity for participation in multi-site clinical research and advancement of swallowing practice in the speech-language pathology community. Seminar focus is the adult population. Pediatric dysphagia will not be covered. Participant must have a degree in speech pathology.

Content Disclosure: The content of this CE seminar focuses on the MBSImP protocol for swallow impairment assessment. Other assessment protocols will not be included in this seminar. Speaker financial and non-financial disclosures may be found at www.northernspeech.com.

Become a Registered MBSImP Clinician:
The only way to become a Registered MBSImP Clinician is to complete the MBSImP Online Training, which is separate from this above seminar and worth an additional 2.1 CEUs. Those attending this CE eminar will receive a \$200 credit toward enrollment in the MBSImP Online Training. Learn more



**Bonnie Martin-Harris** PhD, CCC-SLP, BRS-S,

is an internationally renowned lecturer, researcher and clinician. She is a Professor at the Medical University of South Carolina as well as the Director of the MUSC Evelyn Trammell Institute for Voice and Swallowing in Charleston, SC. Her latest research project was a rigorous, five-year study to test whether it would be possible to standardize swallow evaluation via the MBSS.

Impairment Profile (MBSImP). **Speaker Financial Disclosure:** 

This study produced the MBS

Presenter is employed by the Medical Univer of South Carolina (MUSC). MUSC receives royalty payments from Northern Speech related to enrollment tuition of the MRSImP Online Training.

Nonfinancial – none.

Sponsor: Northern Speech Services

888.337.3866 | NorthernSpeech.com

# DES MOINES, IA APRIL 5-6, 2014

REGISTER TODAY!

# The MBSImP<sup>®™</sup>And Dysphagia Practice:

Targeted Intervention Through Standardized

Physiologic Swallow Assessment

# **SEMINAR LOCATION**

### **DES MOINES, IA**

April 5-6, 2014

**Mercy Medical Center** East Auditorium (East Tower, Level A)

1111 6th Avenue

Des Moines, IA 50314 Phone: 515-643-4160

Meeting Room: We will meet in the East Auditorium located in the East Tower, A Level.

Parking: Available in the 3rd Street parking lot.

### 1.0 ASHA **CEUs**

**PREREQUISITE** Must have a degree in Speech-Language Patholo

\$299 Individual \$279 each for groups of 2+

\$259 each for groups of 5+

\*Groups MUST register together SPACE IS LIMITED AND REGISTRATION MUST BE CONFIRMED BY CREDIT CARD, CHECK OR PURCHASE ORDER

Nearby Hotels: Mention Mercy Hospital for possible discounts. The Holiday Inn is within walking distance of Mercy Hospital.

Holiday Inn Downtown - 515-283-0151 Marriott Des Moines - 515-245-5500



Become a Registered MBSImP Clinician!

### **ACCREDITATION**



continuing education activities and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approve does not imply endorsement of course content, specific

products or clinical procedures. This course is offered

### for 1.0 ASHA CEUs

(Intermediate level, Professional area).

NSS is approved as a provider of continuing education by the Iowa Board of Speech Pathology and Audiology Examiners. Provider #169

**TUITION** 

8:00-12:00 Session One (break from 9:30 to 9:45)

• Review and radiographic identification of 17 physiologic

Clinical symptom correlates of physiologic swallowing

1:00-4:00 Session Two (break from 2:30 to 2:45)

Review of commonly occurring types of swallowing impairment

• What's normal "impairment" across the aging continuum?

esophageal impairment on oropharyngeal swallowing disorders and approaches to treatment

 Identification of mild-profound dysfunction and implications for neuroprotective and neurorehabilitative exercise

swallowing-specific impairment

Conduct and advocate for standardized, valid

and reliable approaches to MBS assessment that maximize clinical yield and minimize radiation

**SEMINAR OBJECTIVES** 

Differentiate normal function from impairment across the aging continuum.

Interpret MBSImP reports from referring nicians and execute a targeted,

Develop standardized patient reports including goal setting and outcome tracking.

Develop clinical competency measures for conducting swallowing assessments using the MBSImP approach.

Create profiles of swallowing impairment across the natural history of a condition or course of recovery

**SEMINAR OUTLINE** 

7:30-7:55 Check In and Onsite Registration (Coffee and Tea)

 Neural underpinnings of physiologic components of oropharyngeal swallowing

components of swallowing

• MBSImP findings traced to neuromotor control mechanism

12:00-1:00 Lunch on Own

interdependency, levels of severity, clinical implications

• SLP's role in assessment of esophageal function: implications of

• Targeted, evidence-based intervention for

Adjourn and Sign Out

### DAYTWO

7:30-7:55 Sign In (Coffee and Tea)

8:00-12:00 Session Three (break from 9:30 to 9:45)

• Standardized reporting of results, impairment profiles and outcome indicators (health, quality of life, oral intake and nutritional status) using the MBSImP approach

 Mapping swallowing profiles across the natural history of disease and recovery

• SLP to Clinical Researcher: opportunity for multi-site clinical investigations and advancement of dysphagia research

• Patient cases: acute neurologic (CVA, trauma), pulmonary disease (obstructive/restrictive/mixed), head & neck cancer, chronic and progressive neurologic disease

• Initial assessment (identification and scoring)

Targeted, evidence-based treatments

• Objective documentation to treatment response and

Adjourn, Sign Out, and Certificates

ntended Audience:

Speech-Language Pathologists in clinical practice who evaluate and treat adults with dysphagia. LEVEL: Intermediate.

Space is limited. Register today at www.northernspeech.com/seminars Phone: 888-337-3866 Fax: 888-696-9655 info@northernspeech.com

**REGISTRATION INFORMATION** 

2. Phone: 888-337-3866

3. Fax: 888-696-9655

**DES MOINES, IA •** April 5-6, 2014 (#2203)

**CANSAS CITY, MO •** May 3-4, 2014 (#2218)

Seminar Location

Name of Registrant \_

ASHA Account Number

State License Number

Work Facility Name & Address

Phone: Work (\_\_\_\_\_) \_\_

Tuition Amount \$\_\_\_\_\_US Funds

Email Address

Card Holder's Name

Card Holder's Signature

Card Holder's Address

Purchase Order #

Check Issued From

PO Contact Phone #

prior to the seminar date

Discipline for CEU Processing ☐ SLP ☐ Other

Please print very clearly

Your Employment Setting ☐ Hospital ☐ Private Practice Clinic ☐ University Faculty

Please indicate numbers where you can be reached regarding seminar changes or updates

\*CV# is the last 3 digits on the signature panel of Visa/MC/Discover • 4 digit # above card # on front of Amx

(Visa, MC, Amerx, Discover)

Mail Registration To: NSS, P.O. Box 1247, Gaylord, MI 49734

or Call: 888.337.3866 Fax: 888.696.9655 email: info@northernspeech.com

CANCELLATIONS: Tuition will be refunded less a \$25 processing fee, if written notification is

eceived by NSS up to two weeks prior to the seminar. Two weeks to 72 hours prior to seminar

late 50% refund; 72 hours or less no refund. NSS reserves the right to cancel the event 7 days

ATE FEE: Add \$20 if registering less than two weeks prior to seminar.

☐ Long-Term Care ☐ School ☐ Home Health ☐ Student ☐ Other \_

1. Online: www.northernspeech.com/seminars

4. Mail: **NSS**. P.O. Box 1247. Gaylord. MI 49734

Seminar Date

# KANSAS CITY, MO May 3-4, 2014

# **Medical Speech Pathology:**

The Influence of Body Systems on Communication and Swallowing Interventions

### **SEMINAR LOCATION**

**KANSAS CITY. MO** 

May 3-4, 2014

### Truman Medical Center Lakewood

Truman Room 2 7900 Lee's Summit Road Kansas City, MO 64139 Phone: 816-404-7000

Meeting Room: We will meet in the Truman Room 2. Use main entrance and take elevator to the 1st floor.

**Parking:** Use the Lakewood Care Center Parking Lot J.

**Nearby Hotels:** No room blocks – mention Truman Medical Center for possible discounts.

### Hampton Inn

Space is limited. Register today

info@northernspeech.com

at www.northernspeech.com/seminars

Phone: 888-337-3866 Fax: 888-696-9655

SAVE up to \$40 with group tuition rate

Lee's Summit. MO 64086 816-347-8600 Distance from Hospital: 2.3 miles

**Comfort Inn and Suites** 

Lee's Summit. MO 64064 816-554-6688 Distance from Hospital: 2.3 miles

\$315 Individual \$295 each for groups of 2+ \$275 each for groups of 5+

SPACE IS LIMITED AND REGISTRATION MUST BE CONFIRMED BY CREDIT CARD, CHECK OR PURCHASE ORDER.



### **ACCREDITATION**



approved by the Continuing Education Board of the American Speech-Language-Hearin Association (ASHA) to provide continuing education activities and gudiology. See course information for number of ASHA CEUs.

instructional level and content area, ASHA CE Provider approve does not imply endorsement of course content, specific products or clinical procedures

This course is offered for 1.2 ASHA CEUs (Intermediate level, Professional area). 1.2 ASHA **CEUs** 

## 1751 NE Douglas St

3701 NE Ralph Powell Rd

**REGISTER TODAY!** 

### At seminar conclusion, participants will be able to

- I. Develop a holistic perspective of body systems and their respective impacts on communication and
- 2. Acquire foundational knowledge in rarely reviewed but often encountered disease states known to have adverse impacts on communication and swallowing
- 3. Identify abnormal lab values and how they may or may not be related to a given communication and/or
- 4. Review medications for potential benefits and detriments pertaining to communication and swallowing.

DAY ONE

10:30-10:45 **Break** 

2:45-3:00 **Break** 

12:15-1:15 **Lunch on Own** 

# **SEMINAR OUTLINE**

7:55-8:00 General Seminar Information

8:00-10:30 A Focused Review of Anatomy &

10:45-12:15 Anatomy & Physiology continued

Pathophysiology for the SLP

1:15-2:45 Functional Applications of

3:00-4:30 Pathophysiology continued

The SLP's Perspective

Registration (Coffee and Tea)

Physiology of the Human Body:

### DAY TWO 7:30-7:55 Check In and Onsite 7:30-7:55 Sign In (Coffee and Tea)

Space is limited. Register today at www.northernspeech.com/seminars

Phone: 888-337-3866 Fax: 888-696-9655 info@northernspeech.com

7:55-8:00 General Seminar Information

8:00-10:00 Body Fluids And Lab Values:

The Body's Crystal Ball

of Intervention

10:00-10:15 **Break** 

10:15-12:15 Pharmacology: A Two-Edged Sword

12:15-12:30 **Break** 

LEVEL: Intermediate.

12:30-1:30 Case Studies In Medical Speech-Language

**Pathology** 

Adjourn, Sign Out and Certificates

Intended Audience: Speech-Language Pathologists in clinical practice who evaluate and treat clients with communication and swallowing disorders

# **SEMINAR OBJECTIVES**

Adjourn and Sign Out