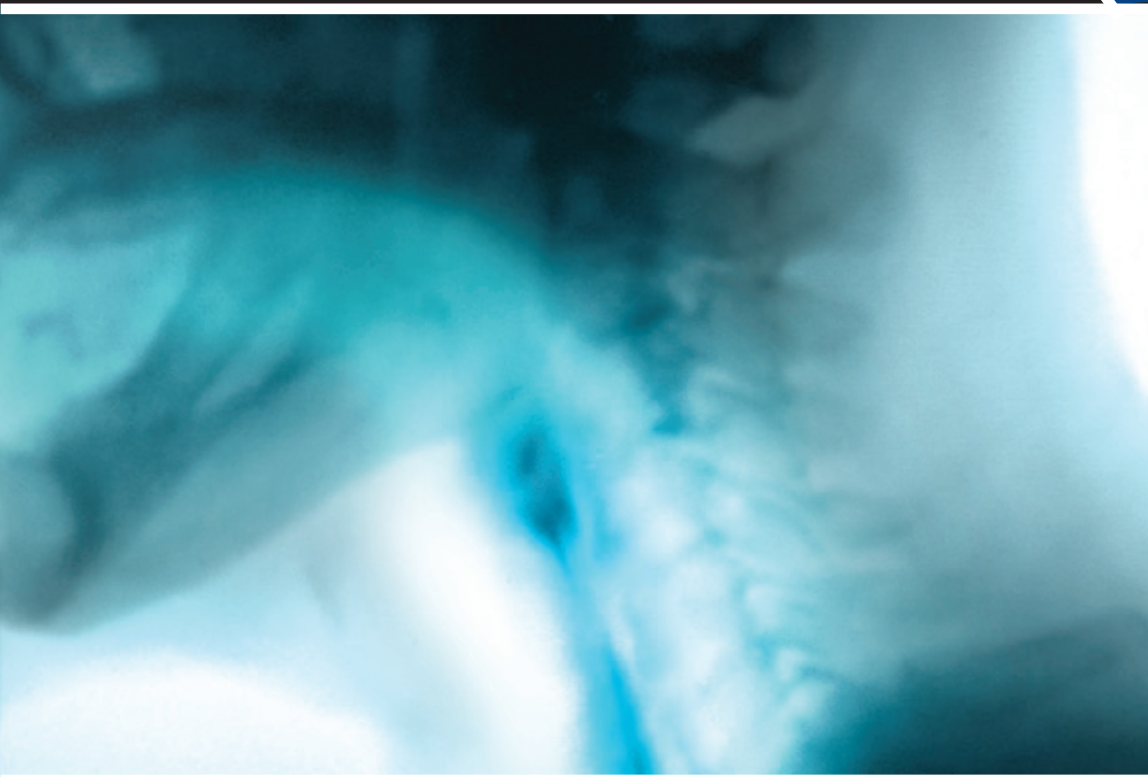


Inter-Relationships between Respiratory and Swallowing Function: *Translating Research into Clinical Practice*

with Dr. Roxann Diez Gross



Saturday | March 7, 2020
Registration and Agenda Inside

Goldman Auditorium
350 West Thomas Road | Phoenix, Arizona



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<https://www.barrowneuro.org/conference/speech-2020/>

Course Description

Tracheostomy tubes, speaking valves and ventilator basics will be provided (major emphasis on adults with inclusion of pediatric information). Clinical management of tracheostomy tubes by speech-language pathologists will be discussed. This course will focus on the current research and clinical application of findings related to benefits and contraindications of tracheostomy styles and sizes; speaking valve and swallowing; subglottic air pressure and swallow function; disordered breathing and effect on swallowing patterns; and anatomic and physiologic relationships between respiratory cycle and esophageal bolus clearance.

Course Objectives

Upon completion of the course participants will be able to:

1. Discuss the differences between the styles and sizes of tracheostomy tubes and speaking valves.
2. Explain how deglutitive subglottic pressure is generated and how airway air pressures may influence swallowing function.
3. Describe typical and disordered breathing and swallowing patterns, and how impaired breathing may affect swallowing function.
4. Explain how the respiratory cycle can affect esophageal bolus clearance.


Who Should Attend

Speech-Language Pathologists

Continuing Education Credit

This course is offered for .75 ASHA CEUs (**Intermediate** Level, **Professional Area**).

Full attendance is required. Partial Credit is not offered

APPROVED PROVIDER	St. Joseph's Hospital and Medical Center is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology
	and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

Agenda

Saturday, March 7, 2020

- 7:30 a.m. *Registration and Continental Breakfast*
- 8:25 a.m. General Conference information and introductions
- 8:30 a.m. Basic review of swallowing function
- 9:00 a.m. Tracheostomy tubes, speaking valves, and ventilator basics
- Tracheostomy styles and sizing by manufacturer
 - Review of research: Benefits/contraindications of tracheostomy tube style and size
 - Clinical management of tracheostomy tubes by SLP
- 10:15 a.m. *Break*
- 10:30 a.m. Subglottic air pressure and swallowing function
- Review of research
 - Clinical application of research findings
 - Speaking valves: Varieties and functions
 - Review of research involving speaking valves and swallowing
 - Interactions between ventilators and swallowing
- 12:00 p.m. *Lunch Provided*
- 1:00 p.m. Breathing and swallowing coordination and pharyngeal swallowing function
- Patterns of coordination between breathing and swallowing
 - Evaluating breathing and swallowing patterns
- 2:00 p.m. Disordered breathing and swallowing patterns
- Review of research
 - Medical diagnoses associated with impaired breathing and swallowing patterns
 - Clinical application of research findings
- 3:15 p.m. *Break*
- 3:30 p.m. Anatomic and physiologic relationships between the respiratory cycle and esophageal pressure gradient
- Esophageal dysphagia
 - Review of research on the effects of the respiratory cycle on esophageal transport of food and liquids
 - Clinical application of research into practice
- 5:00 p.m. Questions and discussion
- 5:30 pm Adjourn

Guest Faculty

Roxann Diez Gross, PhD, CCC/SLP

Dr. Roxann Diez Gross, ASHA Fellow, is a senior clinical specialist in dysphagia at the Children's Institute of Pittsburgh and an adjunct Assistant Professor at the University of Pittsburgh. She has served as principal investigator on several research grants that she has been awarded. Her research in the area of respiratory and swallowing interactions has resulted in multiple peer-reviewed and invited publications and frequent invitations to lecture both nationally and internationally.



Hotels

Embassy Suites by Hilton

10 E. Thomas Rd., Phoenix, AZ 85012

602-222-1111 | <https://www.hilton.com/en/hotels/phxeses-embassy-suites-phoenix-downtown-north/>

Hampton Inn Midtown

160 W Catalina Dr., Phoenix, AZ 85013

602-200-0990 | www.hamptoninn.com

What to do in Arizona

Arizona is known for its natural beauty and outdoor adventures. It's also home to a bustling metropolitan with some of the world's finest chefs, shopping and nightlife. Whether you explore Downtown Phoenix, Scottsdale or other surrounding cities, your stay will be filled with memorable experiences. To learn more about the Phoenix area, visit visitphoenix.com or experiencescottsdale.com.

Dress

Dress for all sessions is business casual. Temperatures in Phoenix in March average from 75 degrees during the day to 52 degrees at night. Please keep in mind that meeting room temperatures vary, so wear layered clothing to ensure your comfort.

Disclosure Policy Statement

It is the policy of St. Joseph's Hospital and Medical Center (SJHMC) to ensure balance, independence, objectivity, and scientific rigor in all its sponsored educational programs. Selection of presenters and content development may not be influenced by nonfinancial or financial interests. To that end, SJHMC shall identify and resolve conflicts of interest by requiring everyone who is in a position to control the content of the educational activity to disclose all relevant nonfinancial and financial relationships with commercial supporters.

Disclosure

Financial: Guest Faculty Speaker Fee/Travel Expenses for Barrow Neurological Institute 03/07/20 Conference, Royalty for "Quick Pocket Reference for Tracheostomy Tubes and Speaking Valve, No financial relationship with products reviewed during this conference.

Nonfinancial: None to disclose.

Registration

Inter-Relationship between Respiratory and Swallowing Function:
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Early Registration: \$175 (On or before 2/21/20)

Late Registration: \$200 (After 2/21/20)

Group Rate: \$145 each (5 or more from same facility- must register at same time)

Student: \$90

Registration fee includes: Symposium, program materials, continental breakfast and lunch.

Refund and Cancellation Policy: Should you need to change or cancel your registration, please do so by calling (602) 406-3067. A refund, less 20% processing fee, will be made for cancellations submitted in writing prior to February 28, 2020. No refunds will be made thereafter. Barrow reserves the right to cancel or change any program for due causes. Cancellation of a program by Barrow will result in a full refund of tuition. Barrow and SJHMC are not responsible for the refund of travel or hotel expenses under any circumstances.

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For more information, please contact the Barrow Continuing Medical Education Office at CME@BarrowNeuro.org or (602) 406-3067.

