

ABOUT THE PRESENTERS

Robert Hopkin, MD: Dr. Robert Hopkin is a board-certified clinical geneticist with seventeen years of clinical experience. He has expertise in the genetic basis of pediatric dysmorphology, especially malformations affecting the craniofacial tissues and central nervous system. Dr. Hopkin has authored or co-authored several publications relating to craniofacial conditions with genetic etiology. He has a special interest in velocardiofacial syndrome and has presented several invited talks to the 1p36 del Support & Awareness Foundation and the 22q Foundation.

Ann W. Kummer, PhD, CCC-SLP: Dr. Kummer is Senior Director of Speech-Language Pathology at Cincinnati Children's Hospital Medical Center (CCHMC) and Professor of Clinical Pediatrics and Professor of Otolaryngology at the University of Cincinnati Medical Center. Dr. Kummer is a member of the Craniofacial Anomaly Team at CCHMC and Shriners Hospital, and serves the Velopharyngeal Insufficiency/Incompetence (VPI) Clinic. She does many lectures and seminars on a national and international level. She is author of many professional articles and book chapters and the text entitled *Cleft Palate and Craniofacial Anomalies: The Effects on Speech and Resonance*, 3rd Edition, Delmar Cengage Learning, 2013.

Janet H. Middendorf, MA, CCC-SLP: Jan Middendorf is a Clinical Manager in the Division of Speech-Language Pathology at CCHMC. Her clinical interests include voice and resonance disorders and cleft palate. She is a member of the Craniofacial Anomaly Team at CCHMC and serves the Velopharyngeal Insufficiency/Incompetence (VPI) Clinic and the Pediatric Voice Clinic.

Janet R. Schultz, PhD: Served as the psychology member of the Craniofacial Team since 1981. Dr. Schultz is the former Director of Psychology at CCHMC and a current member of the medical-dental staff at CCHMC. Her special interests include psychosocial and educational aspects of children affected with a craniofacial deformity, including a special interest in velocardiofacial syndrome.

Brenda Thompson MA, CCC-SLP, BRS-S: Brenda Thompson is an inpatient speech-language pathologist. Her clinical and research interests include feeding and swallowing in the NICU population and outcomes related to feeding, swallowing, and global development post-NICU stay. She is an ASHA board specialist in swallowing and swallowing disorders. In addition to her work in the NICU, she participates in Genetics clinic and is certified in the Neonatal Oral-Motor Assessment Scale (NOMAS).

J. Paul Willging, MD: Dr. Willging is Professor of Otolaryngology – Head and Neck Surgery at the University of Cincinnati Medical Center. He is Director of the Interdisciplinary Feeding Team, the Velopharyngeal Insufficiency/Incompetence (VPI) Clinic, and is a member of the CCHMC Pediatric Voice Center. He is a member of the Craniofacial Center at CCHMC and the Craniofacial Anomaly Team at the Shriners Hospital for Children in Cincinnati.

CONFERENCE FEE

Physicians, SLP's, Other Professionals, & Students	\$560
Register BEFORE July 3, 2015	\$510
50% off available to STUDENTS ONLY if room occupancy has not been met by 07/10/2015. Please contact Holly Finnegan at the e-mail address below for more information.	
Registration Deadline: Friday, July 17, 2015 (or when occupancy is met.)	

Tuition includes continental breakfast, lunch, labs, electronic files of the program handouts, CMEs/CEUs and a textbook (Kummer, AW. *Cleft Palate and Craniofacial Anomalies: Effects on Speech and Resonance*, 3rd Edition. Clifton Park, NY: Cengage Learning, 2014.)

Directions to the conference rooms and hotel options will be sent with e-mail confirmation of registration.

ON-LINE REGISTRATION IS REQUIRED

To register go to: www.cincinnatichildrens.org/speech and click on the event title for this event.

PAYMENT OPTIONS:

- **CREDIT CARD:** register online as described above. (Transactions will be processed at time of registration).
- **CHECK:** register online as described above, complete the form below, and submit form with payment (make checks payable to CCHMC) to Holly Finnegan (address below).

Name: _____

Email: _____

Phone: _____

Holly Finnegan

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Cincinnati Children's Hospital Medical Center
3333 Burnet Avenue, Cincinnati, OH 45229-3039

Phone: (513) 803-2744 OR (800) 344-2462 Ext. 3-2744

Email: holly.finnegan@cchmc.org Fax: (513) 636-3965

Cancellation policy:

- 85% of the workshop fee will be refunded if written notification of cancellation is received more than 2 weeks prior to the workshop.
- 50% of the workshop fee will be refunded if written notification of cancellation is received less than 2 weeks prior to the workshop.
- No refund will be given if notification of cancellation is received less than 5 days before the workshop.
- Substitutes are acceptable with written notification.

Master's Class on Speech and Resonance Disorders secondary to Cleft Palate and Velopharyngeal Dysfunction

July 31 & August 1, 2015

The Division of Speech-Language
Pathology
&

The Division of Otolaryngology-Head and
Neck Surgery

Cincinnati Children's Hospital
Medical Center

Location

Cincinnati Children's Hospital
Medical Center

MOB Building Room 5.201
3430 Burnet Avenue, Cincinnati, OH 45229

COURSE DESCRIPTION

Children with speech and resonance disorders due to cleft palate or other causes of velopharyngeal dysfunction present challenges for speech-language pathologists (SLPs), otolaryngologists, plastic surgeons, and other craniofacial specialists. This seminar is designed to provide current, practical information for professionals who treat individuals with cleft palate, velopharyngeal dysfunction, oropharyngeal anomalies, or other abnormalities that affect speech and/or resonance. Those professionals who serve on a craniofacial team will find this seminar to be particularly valuable.

This seminar will begin with discussion of the early feeding issues that can occur secondary to structural anomalies. The psychological ramifications of speech and facial differences will be described. A description of various craniofacial syndromes will be given. There will be a review of relevant anatomy and physiology and a description of the various types of clefts. The effects of abnormal structures on speech and resonance will be described and demonstrated. The mechanism for normal resonance will be discussed, and resonance disorder (hypernasality, hyponasality, cul-de-sac resonance, and mixed resonance) will be described and demonstrated. Normal velopharyngeal function will be thoroughly explained and the types and causes of velopharyngeal dysfunction will be discussed. The first day will end with a discussion of the effects of velopharyngeal dysfunction on speech.

The second day of the seminar will be devoted to evaluation and treatment. Procedures for completing the perceptual evaluation will be given. Low-tech and "no-tech" evaluation procedures will be demonstrated. Methods for conducting an effective intraoral examination will be shown. Instrumental assessment procedures will be discussed, and participants will be given the opportunity to receive hands-on experience with nasometry and performing a nasopharyngoscopy evaluation. Various options for surgical correction of VPI will be described. Specific therapy techniques for this population (that will also apply to other children with speech sound disorders) will be described and demonstrated. Finally, challenging cases will be presented so that participants will be able to test their skills. This seminar is designed to be informative, very practical, and fun!



Cincinnati Children's Hospital 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.

This course is offered for 1.35 ASHA CEUs (Advanced Level, Professional area). For disclosure information go to www.cincinnatichildrens.org/speech

Cincinnati Children's Hospital Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Cincinnati Children's designates this live activity for a maximum of 13.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DAY 1

July 31, 2015

7:30 – 8:30

Registration and continental breakfast

8:30 – 8:40

Welcome and introductions

8:40 – 9:15

Psychological issues

9:15 – 10:15

Feeding issues with clefts and craniofacial anomalies

10:15 – 10:30

BREAK

10:30 – 11:30

Genetics and craniofacial syndromes

11:30 – 11:45

Questions and discussion

11:45 – 12:30

LUNCH (PROVIDED)

12:30 – 1:45

Normal anatomy of the oral cavity and velopharyngeal mechanism

Types of clefts of the lip/palate and how they relate to embryological development

Otological and hearing problems associated with cleft palate

1:45 – 2:15

Effects of dental and occlusal anomalies effects on speech

2:15 – 2:30

BREAK

2:30 – 4:30

Normal resonance and resonance disorders
Causes of velopharyngeal dysfunction (VPD)
Effects of VPD on speech

DAY 2

August 1, 2015

7:30 – 8:30

Registration and continental breakfast

8:30 – 10:30

Perceptual evaluation of speech, resonance, and velopharyngeal function

Intra-oral examination

Overview of instrumental procedures

10:30 – 10:45

BREAK

10:45 – 11:00

Nasometry: How to do it and interpret it

11:00 – 11:30

Nasometry practice lab; or

Round table discussions

11:30 – 11:45

Nasopharyngoscopy: How to do it and interpret it

11:45 – 12:30

LUNCH (PROVIDED) and

Tour of Facility (optional)

12:30 – 1:30

Nasopharyngoscopy practice lab or

Round table discussions

1:30 – 2:00

Surgical intervention for clefts and VPI

2:00 – 2:15

Prosthetic devices

2:15 – 2:30

BREAK

2:30 – 3:30

Speech therapy techniques

Referrals

3:30 – 4:30

Case studies in an interactive format

DAY 1 LEARNER OUTCOMES

Upon completion, participants will be able to:

- discuss the effect of facial differences and speech problems on the psychological health of the child and family;
- describe the reasons that feeding and swallowing are affected by various structural anomalies and discuss various interventions;
- list many craniofacial syndromes and how the related structural anomalies affect speech, resonance and feeding;
- describe the anatomy of the oral and pharyngeal structures and the function of the velopharyngeal valve;
- recognize and classify types of clefts of the lip and palate, based on embryological development;
- describe the otological and hearing problems associated with cleft palate;
- identify obligatory and compensatory speech errors that can result from dental and occlusal anomalies;
- discuss the mechanism of normal resonance and velopharyngeal function;
- identify the various causes and characteristics of resonance disorders and velopharyngeal dysfunction;
- describe the speech characteristics caused by velopharyngeal dysfunction.

DAY 2 LEARNER OUTCOMES

Upon completion, the participants will be able to:

- apply appropriate procedures for assessment of resonance and velopharyngeal function, and make appropriate recommendations for treatment based on the evaluation findings;
- perform a nasometric evaluation and interpret the results;
- perform a nasopharyngoscopy evaluation, interpret the results, and make a recommendation for the best surgical procedure for the patient;
- list and describe various treatment options for resonance disorders, including various surgical procedures, prosthetic devices, and speech therapy;
- describe the various surgical options for correction of velopharyngeal insufficiency and when each is most appropriate for the patient;
- apply appropriate therapy techniques for individuals in this population;
- recognize when there is a need for referral for specialized assessment, and identify appropriate referral sources.