

## ABOUT THE PRESENTERS

**Jennifer A. Creedon, PhD:** Dr. Creedon served as one of the psychology members of the Craniofacial Team from 2010 to 2016 and continues to be a consultant to the team on an as needed basis. Dr. Creedon has been a staff psychologist in the Division of Behavioral Medicine and Clinical Psychology since 2008 and is a current member of the medical-dental staff at Cincinnati Children's. Her special interests include psychosocial and educational aspects of children affected with a craniofacial deformity, including a special interest in velocardiofacial syndrome.

**Ann W. Kummer, PhD, CCC-SLP:** Dr. Kummer recently retired as Senior Director of Speech-Language Pathology at Cincinnati Children's and Professor of Clinical Pediatrics and Professor of Otolaryngology at the University of Cincinnati College of Medicine. Dr. Kummer is a member of the Craniofacial Team at Cincinnati Children's and at Shriners Hospital or Children in Cincinnati. She also serves the Velopharyngeal Insufficiency/Incompetence (VPI) Clinic at Cincinnati Children's. Dr. Kummer 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 Conditions: A Comprehensive Guide to Clinical Management, 4th Edition*, Burlington, MA: Jones & Bartlett Learning.

**Howard M. Saal, MD, FACMG:** Dr. Saal has served for 30 years as a clinical geneticist. He is the former chair of the AAP Committee on Genetics. He is a member of the Medical Advisory Council of the Bureau for Children with Medical Handicaps and Developmental Disabilities.

**Brenda Thompson M.A., CCC-SLP, BCS-S:** Brenda Thompson is a speech-language pathologist at Cincinnati Children's Hospital Medical Center where she is the clinical lead in the Neonatal Intensive Care Unit (NICU). She has worked with medically fragile infants and toddlers for over 20 years and has been an inpatient speech pathologist at Children's Hospital for the last 16 years. Her primary clinical focus is on neonatal feeding and swallowing and supporting feeding and development in infants with craniofacial anomalies. She has presented locally and nationally regarding feeding and swallowing in infants and implications of feeding and swallowing in infants with airway anomalies and craniofacial anomalies. She has published an article on feeding and swallowing in infants with Pierre Robin Sequence and impacts of neonatal mandibular distraction. She completes Videofluoroscopic Swallow Studies and Fiberoptic Endoscopic Evaluation of Swallowing (FEES). She is a member of the American Speech-Language-Hearing Association and is a Board Certified Specialist in Swallowing and Swallowing Disorders.

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

## CONFERENCE FEE

Physicians, SLP's, Other Professionals, & Students	\$560
Register BEFORE March 1, 2019	\$510
<b>50% off available to STUDENTS ONLY</b> if room occupancy has not been met by 03/01/2019. Please contact Mendy Wade at the e-mail address below for more information.	
<b>Registration Deadline:</b> Friday, March 08, 2019 (or when occupancy is met.)	

Tuition includes continental breakfast, lunch, labs, electronic files of the program handouts, CMEs/CEUs, and a textbook with online resources (Kummer, AW. *Cleft Palate and Craniofacial Conditions: A Comprehensive Guide to Clinical Management, 4th Edition*. Burlington, MA: Jones & Bartlett Learning.)

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](http://www.cincinnatichildrens.org/speech) and click on the event title for this Master's Class.

### 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 Mendy Wade (address below).

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

### Mendy Wade

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Cincinnati Children's Hospital Medical Center  
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Phone: (513) 636-3129 OR (800) 344-2462 Ext. 6-3129  
Email: [melinda.wade@cchmc.org](mailto:melinda.wade@cchmc.org) Fax: (513) 803-3376

### 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.

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

**March 15 & March 16, 2019**

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

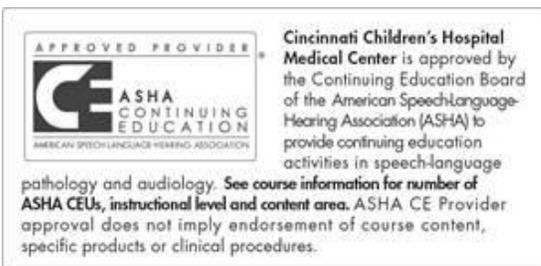


## COURSE DESCRIPTION

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 children with other 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!



This course is offered for up to 1.35 ASHA CEUs (Advanced Level, Professional area). 1080 Cleft Lip/Palate, Velopharyngeal Dysfunction, and Related Craniofacial Anomalies.

<https://preview.tinyurl.com/disclosure2019>

## DAY 1

March 15, 2019

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 associated with clefts and craniofacial anomalies

10:15 – 10:30

**BREAK**

10:30 – 11:45

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

11:45 – 12:30

**LUNCH (PROVIDED)**

12:30 – 1:30

Genetics and craniofacial syndromes

1:30 – 1:45

Questions

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

March 16, 2019

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.