

# An Update and Current Management of Patients with 22Q from the Speech-Language Pathologist's Perspective

Sponsored by  
Cincinnati Children's Hospital Medical Center,  
Divisions of Speech-Language Pathology and Audiology

## Course Description:

The Resonance Team Journal Group will discuss several topics related to 22q deletion syndrome, focusing specifically on updates that include descriptions of this population as well as current standards of care. Articles dealing with speech and language disorders of children with 22Q, an update of the largest longitudinal study of the 22Q population, differences in the velopharyngeal structures and muscle variations in patients with 22Q as well as surgical management of palate-related anomalies related to this population will be read and discussed. Each session will be led by a facilitator.

## Agenda:

Tuesday, April 28, 2020

8 AM – 10 AM

- 8:00 –8:15: Summary by facilitator: Meg Wilson. Campbell, Ian M., et. al. (2018) What's New with 22q? An Update from the 22Q and You Center at the Children's Hospital of Philadelphia. *American Journal of Medical Genetics*, 176 (10), 2058 – 2069.
- 8:15-8:25: Discussion of article and applications
- 8:25-8:30 – Questions

## Discrete learning outcomes for each session (journal article)

1. List at least 5 of the most common medical problems found with patients with 22q11.2 deletion syndrome
2. Summarize how the attainment of developmental milestones and IQ in the population of patients with 22q11.2 deletion syndrome differs from that expected during typical development

3. Describe the palatal anomalies present in the population of patients with 22q11.2 deletion syndrome and how this affects the SLP's treatment of their speech and language needs
- 8:30 –8:45: Summary by facilitator: Corinne Brill. Solot, Cynthia B., et al. (2019) Speech-Language Disorder in 22q11.2 Deletion Syndrome: Best Practices for Diagnosis and Management. *American Journal of Speech-Language Pathology*, 28, 984 – 999
  - 8:45-8:55: Discussion of article and applications
  - 8:55-9:00: – Questions

#### **Discrete learning outcomes for each session (journal article)**

1. Name challenges associated with feeding and swallowing, hearing, airway and voice, cognition and learning, psychological and psychiatric states, language, speech sound production, and velopharyngeal functioning for individuals with 22qDS
  2. Describe surgical and nonsurgical management of velopharyngeal dysfunction
  3. Describe best practices in terms of evaluating individuals with 22qDS at each stage of development
  4. Describe best practices in terms of treating individuals with 22qDS at each stage of development
- 9:00 –9:15: Summary by facilitator: Sarah Woodhouse. Jackson, Oksana A. & Kaye, Alison E. (2019) Surgical Management of Patients with 22q11.2 Deletion Syndrome. *Perspectives of the ASHA Special Interest Groups*. 4, 857 – 869
  - 9:15 – 9:25: Discussion of article and applications
  - 9:25- 9:30: – Questions

#### **Discrete learning outcomes for each session (journal article)**

1. List the craniofacial abnormalities that may occur in the patient with 22q11.2 deletion syndrome
  2. Discuss how motor-related speech difficulties and development issues can affect speech and language development, assessment of VPI and overall communication skills prognosis in this population
  3. Compare surgical recommendations discussed in this article to those that are commonly used at our center for children with 22q11.2 deletion syndrome
- 9:30 –9:45: Summary by facilitator: Facilitator's name. Cara Werner • Kollara, L., Baylis, A. L., Kirschner, R. E., Bates, D. G., Smith, M., Fang, X., & Perry, J. L. (2019). Velopharyngeal structural and muscle variations in children with 22q11.2 deletion syndrome: An unsedated MRI study. *The Cleft Palate-Craniofacial Journal*, 56(9), 1139-1146
  - 9:45 – 9:55: Discussion of article and applications
  - 9:55 -10:00 – Questions

#### **Discrete learning outcomes for each session (journal article)**

1. Describe differences in velopharyngeal anatomy for patients with 22q11.2 deletion syndrome.

2. Explain the clinical relevance of structural and muscular variations as they relate to VPI in this patient population.
3. Discuss how this research information can be used for improving the quality of patient care and family education.

### **About the Presenter(s):**

**Corinne Brill, M.A., CCC-SLP**, is a Speech-Language Pathologist at Cincinnati Children's Hospital Medical Center, Main Campus. Her areas of interest include working with children and families impacted by speech and language disorders, including children with autism spectrum disorder and children who use augmentative and alternative communication. Corinne has been with the Division of Speech Pathology since 2013.

**Cara Werner, M.A., CCC-SLP** is a Speech-Language Pathologist at Cincinnati Children's Hospital Medical Center. Her areas of interest include working with children and families impacted by cleft lip and palate, craniofacial conditions and resonance disorders. She sees patient in the Velopharyngeal Insufficiency/Incompetence (VPI) Clinic and serves on the Craniofacial Anomalies Team (CFAT). Cara has been with the Division of Speech-Language Pathology since 2015.

**Margaret M. Wilson, M.A., CCC-SLP**, is a Speech-Language Pathologist at Cincinnati Children's Hospital Medical Center, Main Campus. Her areas of interest and expertise include working with children and families impacted by cleft lip and palate, craniofacial conditions and resonance disorders, including the resulting effects on feeding and speech and language abilities. She serves on the Velopharyngeal Insufficiency/ Incompetence (VPI) Clinic and the Craniofacial Anomalies Team (CFAT.) Meg has been with the Division of Speech Pathology since 2002.

**Sarah Woodhouse M.A., CCC-SLP**, is a Speech-Language Pathologist at Cincinnati Children's Hospital Medical Center, Main Campus. Her areas of interest include working with children and families impacted by, cleft lip and palate, resonance issues and treating children with augmentative and alternative communication needs.

### **Location:**

online

### **Contact information:**

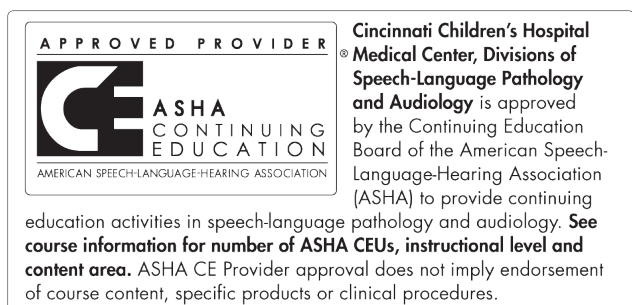
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### **Course Accreditation:**

An Update and Current Management of Patients with 22Q  
from the Speech-Language Pathologist's Perspective



This program is offered up to 0.20 ASHA CEUs (Intermediate level, professional area), Cleft Lip/Palate, Velopharyngeal Dysfunction (VPD), and Related Craniofacial Anomalies - 1080

## Conflict of Interest and Disclosures:

All presenters have been provided with, and agreed to the Division of Speech-Language Pathology's Continuing Education Conflict of Interest Policy.

Disclosure information follows:

### **Corinne Brill, M.A., CCC-SLP**

*Financial* — Employed by Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio

*Nonfinancial* — Nothing to disclose.

### **Cara Werner, M.A., CCC-SLP**

*Financial* — Employed by Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio

*Nonfinancial* — Nothing to disclose

### **Margaret Wilson, M.A., CCC-SLP**

*Financial* — Employed by Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio

*Nonfinancial* — Nothing to disclose

### **Sarah Woodhouse, M.A., CCC-SLP**

*Financial* — Employed by Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio

*Nonfinancial* — Nothing to disclose