



**LEADERSPROJECT**  
TEACHERS COLLEGE • COLUMBIA UNIVERSITY

## **La terapia del habla para la fisura del paladar: Evaluación y tratamiento** **[Speech therapy for cleft palate: Evaluation and Treatment]**

### **Learning Outcomes**

1. Demonstrate knowledge of anatomy and physiology of the velopharyngeal system and the types of structural abnormalities that occur in children with cleft lip and palate.
2. Demonstrate knowledge of the ways in which a cleft palate can affect speech, both pre- and post-surgical repair.
3. Identify a variety of assessment tools that can be used to evaluate the speech of children with cleft palate who exhibit different speech characteristics.
4. Identify a variety of strategies to elicit high pressure sounds for stimulability testing and treatment in children with cleft palate.
5. Demonstrate knowledge of evidence-based treatment approaches for children with different types of compensatory cleft palate speech errors.

### **Course Description**

This course provided an overview of how the velopharyngeal mechanism and speech production are affected by a cleft palate. This course presented speech assessment procedures appropriate for children in this population, and described how assessment results should inform the subsequent speech therapy treatment plan. Participants demonstrated knowledge of evidence-based treatment approaches for children with different types of compensatory cleft palate speech errors.

### **Time Ordered Agenda**

Participants review the video modules and the readings and then take the written assessment. The topics of the video modules are to be completed in the following order:

- Module 1.1: Introducción- Anatomía y Fisiología del Paladar Hendido  
[Introduction- Anatomy and Physiology of Cleft Palate]
- Module 1.2: Introducción- Efecto del Paladar Hendido en el Habla  
[Introduction- Effects of Cleft Palate on Speech]
- Module 1.3: Introducción- Desarrollo Embriológico del Paladar Hendido  
[Introduction- Embryological Development of Cleft Palate]
- Module 1.4: Introducción- Características del Paladar Hendido Submucoso  
[Introduction- Characteristic Signs of a Submucous Cleft Palate]
- Module 2.1: Evaluación- Recolección de datos preliminares y Observaciones Clínicas  
[Evaluation- Preliminary Assessment and Clinical Observations]
- Module 2.2: Evaluación- Identificación de Errores Comunes del Habla en el Paladar Hendido

- [Evaluation- Identifying Common Errors in Cleft Palate Speech]
- Module 2.3: Evaluación- Sonidos Nasales y de Baja Presión  
[Evaluation- Nasal and Low Pressure Sounds]
- Module 2.4: Evaluación- Sonidos de Alta Presión  
[Evaluation- High Pressure Sounds]
- Module 3.1a: Metodología- Sonidos Afectados por Paladar Hendido  
[Treatment- Sounds Affected by Cleft Palate]
- Module 3.1b: Metodología- Resumen de la Terapia del Habla  
[Treatment- Summary of Speech Therapy for Children with Cleft Palate]
- Module 3.2: Metodología- Estrategias para Provocar Sonidos Específicos  
[Treatment- Strategies to Elicit Specific Sounds]
- Module 3.3: Metodología- Estrategias Adicionales para Eliminar la Oclusión Glótica  
[Treatment- Additional Strategies to Eliminate Glottal Stops]
- Module 3.4: Metodología- Sílabas de Acevedo  
[Treatment- The Acevedo Spoke]
- Module 4: Un Estudio de Caso  
[A Case Study]

These CEUs are offered for free by Teachers College Columbia University as a service to the profession. The only applicable fees are those associated with the ASHA CE Registry.

### **Disclosure**

Catherine Crowley, J.D., Ph.D., CCC-SLP has a financial relationship with Teachers College Columbia University in that she is a salaried faculty member and she receives no additional financial compensation from this course. Dr. Crowley has no other financial or nonfinancial relationships.

Miriam Baigorri, Ph.D., CCC-SLP has a financial relationship with Teachers College Columbia University in that she is a part-time clinical supervisor and is on the faculty of the Bilingual Extension Institute. Dr. Baigorri receives no additional financial compensation from this course. Dr. Baigorri has no other financial or nonfinancial relationships.

**Dr. Catherine (Cate) Crowley, J.D., Ph.D., CCC-SLP** Professor of Practice in Communication Sciences and Disorders at Teachers College Columbia University, founded and directs the bilingual/multicultural program focus and the Bilingual Extension Institute. An experienced attorney, Dr. Crowley works with school districts and state education departments to increase the accuracy of disability evaluations and to identify appropriate supports for students with academic difficulties. An ASHA fellow, Dr. Crowley received ASHA awards for “Contributions to Multicultural Affairs”; “International Achievement”; and “Outstanding contributions to SLP services in schools” and received Honors from the New York State Speech Language and Hearing Association. While on ASHA’s Multicultural Issues Board, Dr. Crowley co-authored the current ASHA practice policy documents on the roles and responsibilities of SLPs in schools.

**Dr. Miriam Baigorri, Ph.D., CCC-SLP** is a part-time clinical supervisor at Teachers College Columbia University. She recently received her doctorate from Columbia University focused on speech perception of bilingual subjects. Dr. Baigorri is on the faculty of the Bilingual Extension Institute at Teachers College Columbia University where she teaches the preschool assessment weekend, reviews student evaluations, and is a master clinician/mentor. She co-teaches the cleft palate course in the master's program at Teachers College Columbia University and has been on a number of cleft palate speech training programs in Latin America.



**Teachers College Columbia University** 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 program is offered for 0.4 ASHA CEUs (Intermediate level; Professional area).**