

# Treatment Strategies for the Improvement of Oral, Pharyngeal, Feeding/Swallowing, and Respiratory Coordination Function: The Child with Neuromuscular Involvement

Rona Alexander, PhD, CCC-SLP, BCS-S, C/NDT

## Faculty

Rona Alexander, PhD, CCC-SLP, BCS-S, C/NDT is a speech-language pathologist specializing in the assessment and treatment of oral, pharyngeal, feeding/swallowing, and respiratory coordination function in infants, children, adolescents, and young adults with primary neuromotor, musculoskeletal, and sensory systems impairments. She maintains a private practice; provides consultation services; provides short-term treatment intensives; and conducts workshops/courses/seminars/webinars on oral movement, oral sensory, pharyngeal, feeding/swallowing, and thoracic cage/respiratory coordination development, assessment, and treatment. Dr. Alexander is an active advanced speech instructor in Neuro-Developmental Treatment (NDT). She has contributed chapters on oral, pharyngeal, feeding/swallowing, and rib cage/respiratory coordination function to numerous publications; is co-author of the book entitled, *Normal Development of Functional Motor Skills: The First Year of Life*; is author of the CEU product, *Focus on the Rib Cage for Improvement of Respiration, Phonation, Movement, and Postural Control*; and is co-developer of the CEU product, *The ABCs of Pediatric Feeding and Swallowing*.

Financial: Rona Alexander receives a speaking fee from Education Resources as well as royalty payments from Clinician's View and The Hammill Institute on Disabilities. Non-Financial: She is a member of the NDTA and the NDTA Instructors Group.

## About this Course

This course delivers clinically relevant assessment and intervention strategies for infants and children with neuromuscular impairments and challenges to their oral, pharyngeal, feeding/swallowing and respiratory function. Special emphasis is on postural alignment and control as well as on sensory factors that can influence a child's feeding and swallowing. Effective intervention strategies to improve cheeks/lips, tongue, jaw, pharyngeal and rib cage/diaphragm function will be highlighted. Participants will engage in extensive clinical problem-solving via group case analysis and patient demonstration sessions.

## Learning Objectives

- Identify the essential components of a comprehensive clinical assessment of oral, pharyngeal, feeding/swallowing and respiratory coordination function in infants and young children.
- Determine what needs to be examined and evaluated in each component of a comprehensive clinical assessment.
- Identify the essential parts of comprehensive intervention programming for young children with neuromuscular involvement.
- Modify body alignment/positioning for effective intervention programming for oral, pharyngeal, and respiratory function.
- Apply treatment strategies to improve the function of the cheeks/lips, tongue, and jaw in children with neuromuscular involvement in preparation for improved feeding.

## Audience

Professionals who have a foundation of knowledge in the components of typical and atypical oral, pharyngeal, feeding/swallowing, respiratory, and general movement development. Participants should have practical experience in providing assessment and intervention services for infants and children with neuromuscular involvement who exhibit problems in oral motor, oral sensory, pharyngeal, feeding, swallowing, phonatory, and respiratory coordination function.

## Schedule – Day 1 9:10 am - 5:00 pm EST (US)

<b>9:10-9:30</b>	Webinar Registration/Zoom Course Opens
<b>9:30-9:45</b>	Introduction/Discussion of Workshop Plan
<b>9:45 – 10:30</b>	The ICF Model and Its Relationship to Pediatric Feeding and Swallowing
<b>10:30-11:30</b>	Primary Influences on a Child's Feeding and Swallowing Function <ul style="list-style-type: none"> <li>• Oral Impairments</li> <li>• Pharyngeal Impairments</li> <li>• Gastrointestinal Impairments</li> <li>• Respiratory/Airway Impairments</li> <li>• Behavioral Management Issues</li> </ul>
<b>11:30-11:45</b>	Break
<b>11:45-1:30</b>	Primary Influences on Feeding and Swallowing Function (cont.)
<b>1:30-2:00</b>	Lunch
<b>2:00-3:30</b>	Primary Influences on Feeding and Swallowing Function (cont.) Comprehensive Oral, Pharyngeal, Feeding/Swallowing, and Respiratory Coordination Clinical Assessment
<b>3:30-3:45</b>	Break
<b>3:45-5:00</b>	Comprehensive Oral, Pharyngeal, Feeding/Swallowing and Respiratory Coordination Clinical Assessment and Intervention Program Development

## Schedule – Day 2 9:10 am - 5:00 pm EST (US)

<b>9:10-9:30</b>	Webinar Registration/Zoom Course Opens
<b>9:30-11:30</b>	Intervention Strategies: The Influences of Body Movements and Postural Alignment on Oral, Pharyngeal, and Rib Cage/Respiratory Function <ul style="list-style-type: none"> <li>• Therapeutic Handling in Direct Treatment</li> <li>• Body Alignment and Positioning for Improved Oral Function</li> </ul>
<b>11:30-11:45</b>	Break
<b>11:45-1:30</b>	Strategies to Prepare the Oral Mechanism for Function
<b>1:30-2:00</b>	Lunch
<b>2:00-3:30</b>	Mealtime Feeding Strategies and Direct Treatment Strategies: Sensory Influences, Utensils, Presentation, Timing, and Modifying Oral and Pharyngeal Function
<b>3:30-3:45</b>	Break
<b>3:45-5:00</b>	Mealtime Feeding Strategies and Direct Treatment Strategies (cont.) Wrap-Up

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— Melissa E, SLP

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## Credits

This course meets the criteria for 13 contact hours (1.3 CEUs) Intermediate Level.



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13 hours of this course qualify towards the discipline-specific hours for the 20-hour requirement for NDTA re-certification or qualify towards the 8-hour NDTA Instructor requirement for re-certification.

Dietitians will receive 13 hours. Education Resources Inc. 266 Main St, Medfield, MA 02052. Please contact us with any special-needs requests: [info@educationresourcesinc.com](mailto:info@educationresourcesinc.com) or 800-487-6530.

## Webinar Dates and Times

June 19 and 20, 2025

9:10 am EST • 8:10 am CST • 7:10 am MST • 6:10 am PST (US)

Registration is for both sessions. Zoom log-in instructions and course materials will be emailed/added to your ERI account 5-7 days prior to the first date of the Webinar.



\$389 fee. LIMITED ENROLLMENT. Cancellation will be accepted until 14 days prior to the start date of the course, minus a \$75 Administration Fee. There will be NO REFUNDS after this 14-day deadline. We encourage you to register online!

### Treatment Strategies for the Improvement of Oral, Pharyngeal, Feeding/Swallowing, and Respiratory Coordination Function - Rona Alexander

June 19 and 20, 2025

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