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Type Registration	Definition	Price
Group rate	Register 20 or more	\$40
Individual Rate	Single Registration	\$65

Course #	Course Title	
Webinar Date		
Name	Discipline	
Facility		
Home Mailing Address		
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E-mail Address for Confirmation (will not be shared or sold)		

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Intermediate Level
0.2 ASHA CEUs

WEBINAR

#7317 THE THORACIC CAGE: PUTTING THE PIECES TOGETHER FOR ORAL, PHARYNGEAL, AND RESPIRATORY FUNCTION

Instructor: Rona Alexander, PhD, CCC-SP, BCS-S, C/NDT

Audience: Physical Therapists, Occupational Therapists, and Assistants, Speech Therapists

Delivery Options:

Live Webinar or Self-Study Options

SUMMARY: This webinar will identify significant changes in thoracic cage alignment, mobility, stability, and musculature activity and their influences on oral, pharyngeal, and respiratory function in typically-developing infants and in infants and young children with neuromuscular system challenges. The thoracic cage (i.e., the rib cage, shoulder girdle complex, and upper extremities) modifies in its alignment and musculature activity connecting the head and neck with the pelvis/hips/lower extremities while providing a foundation for oral and pharyngeal movements and greater respiratory depth and sustained control as well as their integration into functional activities (e.g., feeding, swallowing, sound production, play). When providing pediatric evaluation and treatment services, speech-language pathologists, occupational therapists, and physical therapists must include the thorough analysis of and the incorporation of strategies addressing impairments of thoracic cage alignment and musculature activity as a means for reaching each individual child's functional outcomes. Course instruction methods include lecture, demonstration, videos, case studies and question/answers.

PRESENTER: **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 neuromuscular and musculoskeletal 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, feeding/swallowing, and rib cage/respiratory coordination development, assessment, and treatment. As a qualified active speech instructor in Neuro-Developmental Treatment (NDT), Dr. Alexander teaches in basic pediatric certificate courses and advanced NDT courses. 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 - Received a teaching honorarium from Motivations, Inc. Nonfinancial - No relevant nonfinancial relationship exists. *Financial*—Received a teaching honorarium from Motivations Inc. *Nonfinancial*—No relevant nonfinancial relationship exists.

OBJECTIVES: Upon completion of this course, the participant will be able to:

1. Identify specific changes in the alignment, mobility, stability, and musculature activity of the thoracic cage which significantly impact on oral, pharyngeal, and respiratory function in typically-developing infants.
2. Recognize impairments of the thoracic cage and its musculature activity that significantly impact on oral, pharyngeal, and respiratory function in infants and young children with neuromuscular system challenges.
3. Connect the importance of incorporating strategies directed toward impairments of the thoracic cage and its musculature activity as a foundation for working towards functional outcomes in feeding, swallowing, sound production, and play.

FORMAT: This is a 3 contact hour course equivalent to 3 CEU's or 0.3 CEUs offered as a live webinar or self-study. Instructors present the live course content via an internet website displaying real time power points. Learners will receive a course instruction link. Instructors lecture through livestreaming internet on your computer. Questions may be asked during the webinar using the chat feature or the "raise hand" feature for live discussion.

PT CEU's: Motivations Inc is an approved provider of Physical Therapy continuing education by these professional bodies: Texas Chapter of the American Physical Therapy Association, ILDPR- Illinois Department of Professional Regulation Approved PT CE Sponsor, NY- New York State Education Department, Office of the Professions. Physical Therapy Board of California. Many state boards recognize these for pre-approval purposes. Contact us if you would like verification a state.

SLP CEU's: This course is offered for 0.2 ASHA CEUs (Intermediate level, Professional area).



Motivations Inc. is an AOTA Approved Provider of professional development. Course approval ID# 03650. This Distance Learning-Interactive or Distance Learning-Independent activity is offered at 0.3 CEUs, Intermediate Level, Occupational Therapy Service Delivery/Foundational Knowledge. The assignment of AOTA CEU's does not imply endorsement of specific course content, products, or clinical procedures.

AGENDA:

Pre-Study: 30 Minutes Plan to read the course materials, references and review the post test before the start time. Please be prepared to share patient case study and related question during the discussion time.

30 minutes Introduction and Significant Characteristics of the Structures and Musculature of the Thoracic Cage.

45 minutes Influences of Thoracic Cage Alignment and Musculature Activity on Oral, Pharyngeal, and Respiratory Function in Typically-Developing Infants and Infants with Neuromuscular Involvement

30 minutes Strategies Directed Toward Thoracic Cage Impairments and Potential Impact on Oral, Pharyngeal, Respiratory Function

15 minutes Questions and Discussion

Post-test: 30 Minutes Research, identify, and submit your post test question answers on the online form. This is an open book test you can take multiple times if needed to obtain the 70% score. Complete the evaluation feedback survey and needs assessment. Obtain, review and save your auto-emailed certificate for your files.

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Updated 12-30-22



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