



NDTATM EDUCATION

Course ID #13S02RAIN

NDTA SEMINARS

NEURO-DEVELOPMENTAL TREATMENT ASSOCIATION

Rib Cage: Focus on the Rib Cage for Improvement in Respiration, Phonation, Postural Control, and Movement (Level 1)

■ 3-DAY SEMINAR

April 12-14, 2013

■ REGISTER TODAY!

Online: www.ndta.org
Phone: 800-869-9295
Fax: 949 376-3456



■ HOST:

Community Hospital South
1402 East County Line Road
Indianapolis, IN 46227
www.ecommunity.com/south



■ CONTINUING EDUCATION

17.25 Continuing Education Hours will be awarded upon successful completion of this NDTA/Bobath approved seminar. Host state PT CEUs will be available from the NDTA.

■ NDTA Members: \$450 • Non Members: \$550

Full refund of the course registration fee, less \$50 administrative fee, will be granted upon receipt of a written request postmarked on or before 30 days before the first day of the course.

■ COURSE OBJECTIVES: *Course participants will be able to:*

- Identify significant anatomical and kinesiological characteristics of the respiratory mechanism.
- Identify significant aspects of typical, early respiratory-phonatory development and their relationship to early general movement development.
- Identify significant aspects of respiratory coordination development and function in children with cerebral palsy.
- Formulate treatment goals and strategies for the coordination of respiratory function with general movement, phonation, and oral motor activities in infants and children with cerebral palsy.

■ COURSE DESCRIPTION: This 3-day workshop will focus on the rib cage and its related structures as they impact on the coordination of respiratory function with general movement, phonation, and oral motor activities in infants and children with a primary diagnosis of cerebral palsy. Anatomical and kinesiological characteristics of the respiratory mechanism will be reviewed. Significant components of early typical respiratory and phonatory development will be explored especially in regard to their relationship to early general movement development. The respiratory coordination development and functioning of children with cerebral palsy will be examined and implications for intervention programming will be discussed. Treatment strategies with emphasis on handling to improve rib cage and respiratory musculature activity will be discussed and demonstrated extensively through group lab sessions and patient demonstrations.



**APPROVED PROVIDER of
CONTINUING EDUCATION**
by The American Occupational
Therapy Association, Inc.



The Neuro-Developmental Treatment Association 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.

The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.

A NEURO-DEVELOPMENTAL TREATMENT ASSOCIATION APPROVED COURSE

1540 S Coast Hwy., Ste 203, Laguna Beach, CA 92651 • 800-869-9295 • info@ndta.org • www.ndta.org



Rib Cage: Focus on the Rib Cage for Improvement in Respiration, Phonation, Postural Control, and Movement (Level 1) 3-DAY SEMINAR • APRIL 12-14, 2013

TARGET AUDIENCE: Professionals presently providing evaluation and treatment services for infants and children with neuromotor involvement.

REGISTER TODAY!

- ▶ Online: www.ndta.org
- ▶ Phone: 800-869-9295
- ▶ Fax: 949-376-3456 (complete reg form below)

REGISTRATION INFORMATION

Name: _____

☐ OT ☐ PT ☐ SLP ☐ C/NDT ☐ Other _____

Address: _____

Address 2: _____

City: _____

State/Prov: _____ Zip: _____

Phone 1: (_____) _____

Phone 2: (_____) _____

Email: _____

NDTA Member: ☐ Yes ☐ No

PAYMENT INFORMATION

☐ Check (made payable to "NDTA") Check # _____

☐ Visa ☐ MasterCard ☐ AMEX ☐ Discover

Card # _____

Name on card (please print) _____

CVN Code _____

Authorized signature _____

Exp Date _____

Neuro-Developmental Treatment Association, Inc.
1540 S. Coast Highway, Suite 203
Laguna Beach, CA 92651

INSTRUCTOR BIO

Rona Alexander, PhD, CCC-SLP, BRS-S, C/NDT is a speech-language pathologist specializing in the assessment and treatment of oral motor, feeding/swallowing, and respiratory-phonatory function in infants and children with neuromotor involvement. She maintains a private practice; provides consultation services; and conducts workshops on oral motor, feeding/swallowing, and respiratory coordination development, assessment, and treatment. As a qualified speech instructor in Neuro-Developmental Treatment, Dr. Alexander teaches in basic pediatric and advanced NDT courses. She has contributed chapters on oral motor, feeding/swallowing, and respiratory coordination function to numerous publications and is an author of several publications.

COURSE SCHEDULE

DAY ONE (6.0 hours)

9:00-9:15 Introduction/Discussion of Workshop Plan
9:15-10:45 Significant Anatomical/Kinesiological Characteristics of Typical Rib Cage, Oral-Motor, and Respiratory Musculature Function
10:45-11:00 BREAK
11:00-12:30 Anatomical/Kinesiological Characteristics (cont.)
. Significant Developmental Characteristics of Typical
. Respiratory Coordination and Function
12:30-1:30 LUNCH
1:30-2:45 Developmental Characteristics (cont.)
2:45-3:00 BREAK
3:00-4:30 The Rib Cage as It Relates to Respiratory Coordination and Function in Children with Cerebral Palsy

DAY TWO (6.0 hours)

9:00-10:30 Respiratory Coordination and Function in Children with Cerebral Palsy (cont.) The Rib Cage as It Relates to the Formulation of Goals and Strategies
10:30-10:45 BREAK
10:45-12:00 Group Lab: Strategies for Improved Rib Cage and Respiratory Musculature Activity
12:00-1:00 LUNCH
1:00-2:30 Patient Demonstration/Discussion (Child I)
2:30-2:45 BREAK
2:45-4:30 Group Lab (cont.)

DAY THREE (5.25 hours)

9:00-10:30 Group Lab: Strategies for Improved Rib Cage and Respiratory Musculature Activity
10:30-10:45 BREAK
10:45-12:00 Patient Demonstration/Discussion (Child II)
12:00-12:30 BREAK
12:30-3:00 Group Lab (cont.)
Questions/Discussion/Wrap-Up

▶▶ Please contact the NDTA National Office at 800-869-9295 if you are requiring classroom accommodations or modifications because of a documented disability. Full course attendance is required for successful completion of the course. The NDTA reserves the right to cancel the course within 21 days of the scheduled start date. NDTA, Inc. is not liable for attendee expenses incurred for travel and lodging in regard to attendance at NDTA Seminars.