

What does NDT mean to me involving communication?

I can change the patient's two subsystems of posture and movement to work more efficiently.

Laura Lee Corbin, MSP-CCC/SLP,C-NDT

Respiratory Function with the Posture and Movement System

Communication

Modifying Rib Cage and Respiratory Musculature

Rib Cage Mobility

Rona Alexander, PhD,CCC-SLP

Modifying Rib Cage and Respiratory Musculature

Chest Wall Musculature Elongation

Rona Alexander, PhD,CCC-SLP

Modifying Rib Cage and Respiratory Musculature

Activation of Abdominal Musculature

Rona Alexander, PhD,CCC-SLP

Modifying Rib Cage and Respiratory Musculature

Realignment of the Thoracic Cage

Rona Alexander, PhD,CCC-SLP

Modifying Rib Cage and Respiratory Musculature
Realignment and Activation of the
Shoulder girdle

Rona Alexander, PhD,CCC-SLP

Factors involved with changing
Rib Cage and Respiratory
Musculature

Rona Alexander, PhD,CCC-SLP

Demonstrations
Communication

Demonstration

● Patient A
(Baseline)
- Increasing speech volume with saying the
days of the week

Demonstration

● Patient B
(Baseline)
- Voicing and sustaining “Ah”.

Demonstration

● Patient C
(Baseline)

- Singing “Happy Birthday” with sustaining
volume

Demonstration

- Patient D
(Baseline)

- Reading a paragraph without taking multiple breaths

What does NDT mean to me involving swallowing?

I can change the patient's two subsystems of posture and movement to work more efficiently.

Laura Lee Corbin, MSP-CCC/SLP,C-NDT

Areas of Pediatric Feeding and Swallowing Function

Rona Alexander, PhD, CCC-SLP
Robert Beecher, MS, CCC-SLP

Factors of Pediatric Feeding and Swallowing

- Oral Issues
- Pharyngeal Issues
- Gastrointestinal Issues
- Respiratory/Airway Issues
- Behavior Management Issues

Rona Alexander, PhD, CCC-SLP
Robert Beecher, MS, CCC-SLP

Key Points of Development of Oral Motor Skills

- Development of head and neck control
- Development of shoulder stability
- Separation of head and neck
- Graded oral control
- Control and balance between extension and flexion
- Trunk and pelvic stability
- Respiration with active rib cage

Gay Lloyd Pinder, Ph.D., CCCSLP

Positioning

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Oral Control from the Side

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Oral Control from the Front

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Face Wiping

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Chewing

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Gum Massage

Gay Lloyd Pinder, Ph.D., CCCSLP

Demonstrations

Feeding and Swallowing

Demonstration

- Patient Examples

(Baseline)

- Improving chewing decreasing tone in cheeks

Demonstration

- Patient Examples

(Baseline)

- Improving lip closure and jaw closure

Demonstration

- Patient Examples

(Baseline)

- Improve toleration of various food consistencies

Demonstration

- Patient Examples

(Baseline)

Chewing with hypertonic oral area

Bibliography

* Rona Alexander, PhD,CCC-SLP; NDT/Bobath Certificate Course in the Management and Treatment of Children with Cerebral Palsy and Other Neuromotor Disorders.SRHS.Spartanburg, South Carolina.NDT, 3/10-3/15,5-29-6/1,6/16-6/21,6/24-6/29,7/17-7/20,8/11-8/16,2009

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