

BIOMECHANICAL AND SENSORY STRATEGIES TO IMPROVE MOTOR CONTROL IN NEUROMOTOR DEFICITS

About the Speaker

Nancy Hylton received her degree in physical therapy from the University of Washington. She is an NDT Instructor and certified in Neurodevelopmental Treatment in Pediatrics and Baby Treatment. She studied with Berta Bobath and Mary Quinton and Dr. Elisabeth Kong. She is a certified orthotist and specializes in the treatment of children with neuromotor disorders. Ms. Hylton is the Director and founder of the Children's Therapy Center in Kent, Washington.

Biomechanical & Sensory Strategies for Improving Motor Control In Neuromotor Disorders

Topic Index

Disc #1 (Parts 1 &2)

Introduction	17 min.
Development: Normal vs. Atypical Motor Control Strategies	20min.
Biomechanical-Postural Connection	15min.
The Sensory Challenge	8 min.
Hypertonus, Tightness and Muscle Tension	11 min.
New Understandings in Neural Plasticity	15 min.
Treatment Demonstration	33 min.
Total Time Disc #1 (1 hour 59 min.)	

Disc #2 (Parts 3 & 4)

Treatment Demonstration Continued	46 min.
Normal & Abnormal Biomechanical/Postural Connections	44 min.
Dynamic Arching Systems	18 min.
Neurology of Walking	7 min.
Total Time Disc #2 (1 hour 55min.)	

Disc #3 (Parts 5 & 6)

Neurology of Walking Continued	15 min.
Treatment Demonstration	30 min.
Central Pattern Generators	10 min.
The Dynamic Cylinder	26 min.
Stabilizing Strategies & Mobile Surfaces	39 min.
Total Time Disc #3 (2 hours)	

Disc #4 (Parts 7 & 8)

Stabilizing Strategies & Mobile Surfaces Continued	18 min.
Treatment Demonstration	51 min.
Using Dynamic Support Systems	34 min.
Treatment Demonstration	19 min.
Total Time Disc #4 (2 hours 2 min.)	

Disc #5 (Parts 9 & 10)

Treatment Demonstration Continued	30 min.
Treatment Demonstration	46 min.
Treatment Demonstration	31 min.
Total Time Disc #5 (1 hour 56 min.)	

Disc #6 (Part 11)

Treatment Demonstration Continued	32 min.
Total Time Disc #6 (32 min.)	

Total Viewing Time (10 hours 24 min.)

Manual and Handout Reading Time (1 hour)

Total Seminar Time Granted 11 Contact Hours / 1.1 CEUs