

ATNR, PALMAR AND PLANTAR GRASP REFLEXES: Influence, Integrate, Motor Learning and Behavior to Promote Functional Skills for Children with CNS Dysfunction

PRESENTED BY

DR. KAREN PRYOR, PHD, PT, DPT

WHEN/WHERE

WEDNESDAY, DECEMBER 9, 2020

LIVE WEB CONFERENCE 8:40 am - 3:20 pm EST

WILL BE RECORDED (access up to one week following the webinar , expires 12/16/20)

6 CONTACT HOURS, 0.6 AOTA CEUS, 6 NBCOT PDUS, 7.2 NY PTS

Discounted Fee \$159

(includes 10% for taking the full day vs only one reflex)

GROUP OF 3 + ADDITIONAL 10% SAVINGS

COURSE DESCRIPTION:

Three primitive reflexes that influence active motor control are ATNR, palmar and plantar reflexes. These may remain active in children with sensory processing disorders, autism and neurological challenges. The **lower central nervous centers** are active with cortical insult. This course will assist you in identifying the reflexes, easy to understand integration techniques and smooth conversion to home programs.

Nervous system damage or challenges require neuroplasticity tools for effective treatment. Understanding ATNR, palmar grasp and plantar grasp primitive reflexes and how they live in the lower brain centers gives us control in the integration process.

This 6-hour lecture will give you a **new perspective** on how to enter the midbrain and brainstem with sensory information **to assist in rewiring** around impairments for improved motor and learning outcomes.

This lecture is for early intervention to school-age children

TARGET AUDIENCE: PT, PTA, OT, OTA, SLP AND EARLY INTERVENTIONIST

LEVEL OF INSTRUCTION
BEGINNER/ INTERMEDIATE

INSTRUCTIONAL METHODS
LECTURE, SLIDES, VIDEOS



Approved Provider

TheraMoves is an AOTA Approved Provider of continuing education "The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA." (APP # 11168) Approved by AOTA for 0.6 CEU, 6.0 contact hours, beginner/intermediate domain of OT performance skills.

TheraMoves Services, LLC is recognized by the NYSED's State Board for physical therapy as an approved provider of PT & PTAs continuing education, Approved for **7.2 contact hours**

Credits listed are offered by TheraMoves for full attendance

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AGENDA 8:40AM-3:20PM EST

ATNR: 8:40-10:40

- 25 min **ATNR** Evaluation – Look at the patient functionally to see the nervous system . Purpose of primitive reflexes
- 20 min - Causes for primitive reflex obligatory demonstration
- 40 min - Case study, History, Evaluation
- 35 min - Treatment – Cranial nerve sensory pathways used for rewiring

Palmar Grasp 11:00-1:00

- 20 min- **Palmar grasp** formation, identification and elicitation
- 20 min- Similar reflexes with similar hand postures
- 10 min- Atypical palmar grasp testing results
- 20 min - Gathering sensory information
- 15 min- Desensitization and integration
- 15 min- Milestone ages and accomplishments
- 20 min- School Therapy and student adaptations

Plantar Grasp 1:20-3:20

- 20 min- **Plantar grasp** formation, identification and elicitation
- 20 min– Pathological plantar grasp
- 30 min- Lesions & influence of sensory processing & Primitive reflex window
- 15 min- Desensitization and integration
- 15 min- Activities with feet to connect neural pathways
- 20 min- Case studies – NAS, Autism, sensory processing, school therapy

LEARNING OBJECTIVES: AT THE END OF THIS SEMINAR THE PARTICIPANT WILL BE ABLE TO...

- Detail a greater understanding of primitive reflex function
- Identify and **plan effective treatments** for pediatric patients
- Identify ways to integrate **Asymmetrical Tonic Neck Reflex** influence and increase active movements
- Identify **palmar grasp** and how to elicit the reflex
- Describe integration techniques to decrease the influence of palmar grasp
- Integrate knowledge of associated primitive reflex patterns and characteristics resembling palmar grasp
- Identify palmar grasp influence and treatment for the school age child
- Identify **plantar grasp** and how to elicit the reflex
- Describe integration techniques to decrease the influence of plantar grasp and toe walking
- Integrate knowledge of associated primitive reflex patterns and characteristics resembling plantar grasp
- Design a program for the child in your care

REFUND POLICY: A full refund less \$75 dollars administrative fee per course will be given for cancellations received up to **10** days prior to the course. After that no refunds will be given for cancellations unless a replacement participant registered.

CANCELLATION POLICY: We reserve the right to cancel any course due to extenuating circumstances. Please do not make non-refundable arrangements until you contacted us &/or received confirmation that the course will be held. We are not responsible for any expenses incurred by participants if the course must be cancelled.

PRESENTERS BIO:

KAREN PRYOR, PhD, PT, DPT, has a doctorate in physical therapy and has practiced for 40 years in the field. Involved with birth to three through early intervention since 1986, she developed techniques to be utilized in homes, childcare centers, and school systems to advance therapy programs in children. Karen is a sought after speaker on Neuroplasticity across the United States. Dr. Pryor serves on the Board of Leadership Interagency Coordinating Council for early intervention, appointed by Governor Bill Haslam and Governor Bill Lee of Tennessee from 2014-2024. Karen received President's award for Volunteer Service in Tennessee for the advancement of treatment of children in 2010 from President Barack Obama. In addition, she was an adjunct professor at Tennessee State University for the Occupational School (2012-2013) as well as Volunteer State University Physical Therapy Assistant School (2008-2009). Currently, she is a Certified Clinical Instructor for several additional colleges and universities (e.g., University of Tennessee at Chattanooga, Tennessee State University, Daymar College, Volunteer State Community College and Nashville State Community College). In conjunction with her teaching duties, Dr. Pryor is active on boards of Tennessee State University, Daymar College, and Nashville State Community College. With her years of experience and passion for complete wellness, Dr. Pryor assists in advancing the wider view of how therapy can be integrated from birth through a person's lifespan.

DISCLOSURE: Financial: Dr. Karen Pryor will receive a speaker's honorarium from TheraMoves Services for the presentation. **Non-Financial:** She has no non-financial relationships to disclose.

Please contact the office with any special needs request