

Neuroplasticity For Pediatrics:

How to Rewire the Nervous System and Simple Exercises to Promote Functional Outcomes



CE Broker Tracking
50-31070



PRESENTER

**Dr. Karen Pryor, PHD, PT,
DPT, ND, CH, CFPS**

*Author of Ten Fingers Ten Toes Twenty
Things Everyone Needs to Know:
Neuroplasticity for Children*



WHEN

Tuesday, November 28, 2023

8:00 AM—3:00 PM EST

TARGET AUDIENCE OTs,

OTAs, PTs and PTAs, SLP's

INSTRUCTION

METHODS: Lecture, slides, video
analysis and demonstration

LEVEL: Intermediate

REFUNDS & CANCELLATIONS: A full refund less \$75 dollars administrative fee per course will be given for cancellations received up to 3 days prior to the course. After that, no refunds will be given for cancellations. We reserve the right to cancel any course due to extenuating circumstances. If this event is canceled, you will be refunded the cost of registration within 10 days. Please do not make non-refundable arrangements until you contact us &/or receive confirmation that the course will be held. We are not responsible for any expenses incurred by participants if the course must be cancelled.



WHERE

*Live Web Conference
In the comfort of your
home/school/clinic*



FEE

\$229 Before November 7
\$249 After November 7
Group of 3+ 10% Savings
(Team3save10)
Group of 7+ email Theramoves

*This continuing education
program is available to all physical
therapist and physical therapist
assistants in the state of NJ, NY,
CT, and all 50 states in the US on
a non-discriminatory basis.*

*Please contact
info@theramoves.com with
any special needs request
within 2 weeks.*



ACCREDITATION

6.0 contact hours

0.6 ASHA CEUs

0.6 AOTA CEUs

0.6 NY OTs/OTAs CEUs

7.5 NBCOT PDUs

7.2 NY PT contact hours

0.6 CEU for SLP in NY

*Application has been made to
the **NJBPT** for CE credit
approval.*

Certificates will be awarded.

- Credits listed are offered by Theramoves for full attendance.
- ASHA partial credits will not be awarded for this webinar.
- Attendance is tracked automatically by the online platform "GoTo"
- Learning assessment will be completed via an online post-course quiz. Passing a multiple choice with 70% accuracy within 1 week is required to receive your certificate of completion.

DESCRIPTION

Studies show our brains can be rewired to enhance new learning. In some cases, it acts as an adaptive mechanism to compensate for lost function or maximize remaining function in the event of a brain injury. As therapists, when we treat the causes and symptoms of these motor delays, we can utilize alternate brain pathways to improve the effects of therapy and promote task building and occupation.

Neuroplasticity changes brain connections and hence, changes motor and cognitive functions. From congenital abnormalities to traumatic brain injuries, this course delivers new and exciting methods on how to detour around damage and incorporate viable nervous system connections. Learn how therapy can change the brain. In this course, learn how neuroplasticity can change the challenges in a child's developmental milestone attainment, attention and focus.

With Dr. Karen Pryor as your guide, you gain creative and evidence-based approaches to incorporate into a multisensory experience to drive home the importance of diverse and novel activities during treatment sessions. Both high and low tones are discussed in depth. Video case studies will demonstrate before and after integrative neuroplasticity treatments. The brain is constantly making thousands of new brain cells in the child every minute and, we can capitalize on this amazing natural process. The therapy techniques learned in this 1-day course can be easily integrated into the clinic or home the next day.

“CHANGE THE BRAIN & THE BODY FOLLOWS”

LEARNING OBJECTIVES

At the end of this seminar the participant will be able to:

1. Describe the principles of neuroplasticity and how the nervous system learns and can rewire around damage.
2. Correlate the relationship between brain dysfunction and tone abnormalities that affect gross and fine motor movements in occupation
3. Discuss face and mouth, symmetry and how to increase awareness of mouth, tongue, and tone
4. Demonstrate techniques to increase or decrease muscle tone and the change in task performance
5. Analyze and perform techniques to change visual abilities for leading movements and promote 3-dimensional vision
6. Design a treatment plan addressing multiple diagnoses to enhance progress in developmental skills.
7. Evaluate strategies to incorporate techniques into home programs for parents and caregivers.



Theramoves Services, LLC

INTERMEDIATE LEVEL
0.6 ASHA CEUs



TheraMoves is an AOTA Approved Provider of professional development. Course approval # 07552. This live, distant learning-interactive, distant learning-independent course is offered at 0.6 CEUs., an intermediate educational level, in the area of occupational therapy service delivery and foundational knowledge.

AGENDA

8:00 – 9:15 UNDERSTANDING NEUROANATOMY & BRAIN DEVELOPMENT

* Brain stem and functions in detail

9:15 – 10:15 BRAIN DAMAGE & MISSING PARTS

* Examples of damage *Where to rewire to increase function * Going deep into the brain, beyond the level of damage

10:15-10:30 Break

10:30-11:30 DEVELOPMENTAL DELAYS – HOW TO APPROACH TREATMENT

* Developmental milestone review * Sensory motor development * How to disengage overpowering spasticity * What to do about developmental delays

11:30 –12:00 Lunch

12:00 - 1:00 A NEW PERSPECTIVE ON THE NERVOUS SYSTEM & GUIDING IT FOR POSITIVE CHANGE

* Videos of before and after sensation combination is delivered to the nervous system * Why vision is vitally important and how it can be utilized in treatment sessions * How these concepts can be explained to parents and caregivers

1:00 – 1:45 THE PRIMARY & SECONDARY RESULTS OF NEUROPLASTICITY TECHNIQUES

* Promotion of active and functional movements – occupation based * Sensory techniques to improve smooth, coordinated motion * Simple activities to present to parents/caregivers

1:45- 2:00 Break

2:00-3:00 HOW TO INTEGRATE NEUROPLASTICITY INTO YOUR THERAPY PROGRAM

* Sensation is 3-dimensional * Vision exercises * Sensory treatments for high vs. low tone and how tone will change.

PRESENTER'S 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, PhD, PT, DPT will receive a speaker's honorarium from TheraMoves Services for the presentation and she will receive royalties from the sales of her book she authored 'Ten Toes Twenty Things Everyone Needs to Know: Neuroplasticity for Children' that she will refer to in this course. Non-Financial: She has no non-financial relationships to disclose.

- TheraMoves Services, LLC is recognized by the NYSED's State Board for PT as an approved provider of PT & PTAs CEUS (7.2 contact hours)
- TheraMoves Services, LLC is Approved for sponsor of continued competency for speech-language pathologists by The State Ed Department
- TheraMoves Services, LLC is approved for Sponsor by the NY State Board for OT's and OTA's