

Rewiring Vision for Improved Function Through Neuroplasticity



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

On-Demand Anytime!

TARGET AUDIENCE

OTs, OTAs, PTs and PTAs, SLPs

INSTRUCTION METHODS:

Lecture, slides, video

LEVEL: Intermediate



WHERE

**ON-Demand Web
Conference**

*Comfort of your
home/office/school*



FEE \$199

**Certificates will be
awarded**

*Credits listed are offered by
Theramoves for full
attendance.*



ACCREDITATION

6.0 contact hours,

0.6 AOTA CEUs,

**0.6 NY State CEUs for OTs/ and
OTAs**

6.0 NBCOT PDUs,

7.2 NY PT CEUs,

6.0 CEU for SLP in NY

*Theramoves reports to CE Broker
where applicable
Tracking # 50-31070*

*Learning outcomes will be
completed on the computer via
an online course
evaluation/post-test. A score of
70% or higher is required to
receive the certificate of
completion.*

DESCRIPTION

The power of vision can be utilized in many ways to progress a challenged patient. With dyslexia, strabismus, cortical vision impairment, low vision or blindness, other senses can be stimulated to cross wire the information through Neuroplasticity. You will learn novel ways to incorporate techniques to promote visual functions. First visual anatomy will be described in such a way as to analyze nervous system deficiencies and visual challenges. Then, strategies will be offered to utilize Neuroplasticity during therapy sessions. Techniques to treat misalignment of eyes with before and after pictures are presented. Participants will learn to construct treatment steps to increase visual performance and processing in regard to dyslexia, sustained gaze and visual tracking. The stimulation of additional sensations with Neuroplasticity techniques may allow relocation of visual function. What to look for when the visual cortex has damage will be discussed with case studies. These simple techniques are easily applied and instructed to caregivers for home programs.

AGENDA

- 60 min Eye anatomy and cranial nerves
- 45 min Autonomic nervous system: Influence on the eye and vision, Calming the nervous system
- 15 min Eye alignment: Visual tracking, Resting tone, Primitive reflex influence on eye position
- 10 min BREAK
- 30 min Review causes of visual dysfunction -TBI, CVA, infection, autism, sensory processing disorders
- 30 min Eye reflexes: Vestibular ocular reflex, Testing, treat to improve function
- 30 min Nystagmus – Eye tremor: How to evaluate and measure, how to treat
- 20 min LUNCH BREAK
- 30 min Influence of torticollis and plagiocephaly on eye alignment: Treatments, Helmet considerations – peripheral vision
- 30 min Rotational movements
- 30 min Dyslexia- Brain interpretation, Neuroplasticity rewiring of image – place in functional areas
- 60 min Case studies

CANCELLATION POLICY: We reserve the right to cancel any course due to extenuating circumstances. We are not responsible for any expenses incurred by participants if the course must be cancelled.

REFUND POLICY: There are no refunds for on-demand webinars.

LEARNING OBJECTIVES

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

1. Appraise influence of Neuroplasticity therapy techniques on visual improvements during treatments
2. Distinguish and create treatment strategies for high tone and low tone eye musculature.
3. Construct treatment steps to increase visual performance and processing in regard to dyslexia, sustained gaze and visual tracking
4. Organize plans how to initiate evaluation and home treatment plans
5. Relate treatment for strabismus to normalize muscle tone and eye alignment.
6. Differentiate types and treatments for nystagmus
7. Measure nystagmus beats and use for follow-up treatments

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. **Non-Financial:** She has no non-financial relationships to disclose.

Please contact the office with any special needs request



-TheraMoves is an AOTA Approved Provider of professional development. Course approval ID # 05276. This distant learning-independent course is offered at 0.6 CEUs, intermediate educational level, in the area of occupational therapy service delivery & foundational knowledge. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.

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- 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

- Approved for 6.0 contact hours by NYSED's State Board for speech-language pathologists