



# 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



## WHERE

**ON-Demand Web  
Conference**

*Comfort of your  
home/office/school*



**FEE \$199**



## ACCREDITATION

**6.0 contact hours,  
0.6 AOTA CEUs, 6.0 NBCOT  
PDU's, 7.2 NY PT CEUs,  
6.0 CEU for SLP in NY**

### Certificates will be awarded

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

*Learning outcomes will be  
completed on the computer via  
an online survey. A score of  
70% or more 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

**INSTRUCTION METHODS:** Lecture, slides, video **LEVEL:** Beginner / Intermediate

**REFUNDS & CANCELLATIONS:** A full refund less \$75 dollars administrative fee per course will be given for cancellations received up to week 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. 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. relationships to disclose.



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--TheraMoves Services, LLC is recognized by the NYSED's State Board for PT as an approved provider of PT & PTAs CEUS (6 contact hours)  
--TheraMoves Services, LLC is Approved for sponsor of continued competency for speech-language pathologists by The State Ed Department

## 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 regards to dyslexia, sustained gaze and visual tracking
4. Organize plans how to initiate evaluation and home treatment plans
5. Support treatment for strabismus to normalize muscle tone and eye alignment.
6. Differentiate types and treatments for nystagmus
7. Support therapists in using successful techniques for vision rehabilitation
8. 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