

BRAIN DEVELOPMENT

Brain stem
 Mid brain
 Cerebellum
 Cortex –
 Occipital Lobe
 Temporal Lobe
 Parietal Lobe
 Frontal Lobe

EVALUATION AND ASSESSMENT

Demonstration of primitive reflexes
 How retained reflexes act on developmental milestones
 Reasons for primitive reflex retention or re-emergence
 How primitive reflexes interfere with higher level skills – Reading, writing, sensory processing

PRIMITIVE REFLEXES COVERED IN DETAIL

Palmar Grasp
 Plantar Grasp
 Symmetrical Tonic Neck
 Asymmetrical Tonic Neck
 Tonic Labyrinthine Reflex
 Moro Reflex
 Extension synergy
 Flexion synergy

Outline

Hands-On Activities

Disarming the strength of primitive reflexes
 Palmar grasp
 Plantar grasp
 Asymmetrical Tonic Neck
 Symmetrical Tonic Neck
 Moro Reflex

Case Studies

- 17-year-old anoxic male integration of brain stem functions, cranial nerves, midbrain to regain cortical functions without overriding primitive reflex patterns.
- 8-month-old with stroke at birth, cortical vision impairment, involvement of bilateral hemispheres and Symmetrical Tonic Neck Reflex. Integration of reflexes, gained vision abilities.
- 1-year-old hemisphere stroke. Asymmetrical Tonic Reflex integrated and able to walk and run.
- Genetic non-myelination and smooth brain 9-month-old female with tone abnormalities, Tonic Labyrinthine Reflex. Integration and neuroplasticity therapy techniques resulted in ability to walk with rolling walker, count to 20 in English, 10 in Spanish, name the months of the year and days of the week.

“ Loved the hands-on with reflex testing and exercises. Great information to take back and apply right away at my job. ”

- PT

Target Audience

- Physical Therapist
- Occupational Therapist
- Speech-Language Pathologist
- Physical Therapist Assistant
- Occupational Therapy Assistant
- Educator
- Early Interventionist

Live Webcast Schedule

(Times listed in Pacific)

8:00 Program begins
11:50-1:00 Lunch Break
4:00 Program ends

There will be two 15-min breaks (mid-morning & mid-afternoon).
 Actual lunch and break start times are at the discretion of the speaker.
 A more detailed schedule is available upon request.



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Primitive Reflex Integration through Neuroplasticity

Identification and Techniques for Progressing Development

LIVE WEBCAST

Wednesday, August 19, 2020

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Primitive Reflex Integration through Neuroplasticity

Identification and Techniques for Progressing Development

Hands-on methods to create new pathways to treat:

- Neurological damage, traumatic brain injuries, genetic abnormalities, post surgical, NAS
- High and low tone
- Behavior responses
- Processing and filtering sensation of self or environment
- Autism
- Learning disabilities

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Primitive Reflex Integration through Neuroplasticity: Identification and Techniques for Progressing Development

In this interactive 6-hour workshop, improve treatment for your clients by discovering the link between primitive reflexes and development. Learn to evaluate the influence of primitive reflexes with central nervous system developmental stages, as it relates to function. Practice simple techniques to immediately add to your treatment sessions, leading to increased developmental success:

- Neurological Deficits
- Behavioral Challenges
- Autism
- Sensory Processing Problems
- Learning Disabilities
- ADHD

Speaker



KAREN PRYOR, PHD, PT, DPT, has a doctorate in physical therapy and has practiced for 40 years in the field. Dr. Pryor is the owner of Health Sphere Wellness Center an integrative therapy clinic in Nashville, Tennessee. Involved with early intervention in the birth-three population for over 30 years, she has developed neuroplasticity techniques that are used in a wide variety of settings, including homes, childcare centers, and school systems, to advance pediatric therapy programs. Dr. Pryor serves on several boards, including the Leadership Interagency Council for Early Intervention, (2014-2019), a position to which she was appointed by Tennessee Governor Bill Haslam. In 2010, she received the President's Volunteer Service Award for her contributions to the advanced treatment of children from President

Barack Obama. In addition to her work with children, Dr. Pryor has served as an adjunct professor at the Tennessee State University Occupational Therapy School, and in the Volunteer State Community College Physical Therapy Assistant program. She is a clinical instructor for several universities and colleges. With her years of experience and passion for complete wellness, Dr. Pryor advances a more expansive view of how to integrate therapy throughout the lifespan by using neuroplasticity techniques.

Disclosures:
Financial: Karen Pryor is owner of Health Sphere Wellness Center. She receives a speaking honorarium from PESI, Inc.
Non-financial: Karen Pryor serves on the Leadership Interagency Council for Early Intervention board.

Objectives

- Identify primitive reflexes and how they contribute to development.
- Articulate testing and influence of the retention of primitive reflexes.
- Demonstrate the integration exercise, including modifications, for each reflex.
- Identify the behavioral and physical symptoms associated with each reflex.
- Examine why the reflexes may still be present.
- Discuss what reflex integration can accomplish.



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Speech Language Pathologists: All States

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This course is offered for .6 ASHA CEUs (Intermediate level, Basic Communication Processes area).

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