

How do I register?



By Phone:
Call **(800) 791-0262** and provide the
information requested on the registration form.



By Mail:
Complete the registration form and mail it to
Motivations, Inc.



On the Web:
Visit www.motivationsceu.com to register!

Motivations, Inc. www.motivationsceu.com
Or fax: (815) 371-1499, Questions? (800) 791-0262

Updated: 5-20-26

Prices	Web	Onsite
Group Discount – Five or more registrations	N/A	\$225
Individual Registration	N/A	\$250

Course # Course Title

Date(s) Location

Name Discipline

Facility

Home Mailing Address

City State Zip

Daytime Phone Fax

E-mail Address for Confirmation (will not be shared or sold)

Cancellation Policy: Motivations, Inc. reserves the right to cancel a course up to 14 days prior to the course, with full refund, if insufficient numbers of participants have registered for the course. Registrants may cancel up to 14 days prior to the course and transfer their tuition to any Motivations, Inc. course, or receive a full refund. Any cancellations within two weeks prior to the course will receive a refund less \$100 for administrative costs.

Special Needs Requests: Please email us any special needs related to vision, hearing, accessibility or any other considerations to completing the course so we can assist in advance.

Circle One: VISA MASTERCARD AMEX Discover

Name on Card _____

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MotivationsCEU

Accredited Courses for Rehabilitation Professionals

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National Credentials
Motivations Inc. works with the following CEU approval sources.
See individual brochures with approval information by course.



TEXAS
PHYSICAL THERAPY
ASSOCIATION



American
Occupational Therapy
Association

Approved Provider



ASHA CE
APPROVED PROVIDER

Motivations, Inc.

Intermediate Level
0.6 ASHA CEUs

ONSITE COURSE

343 Primitive Reflex Integration: Neuroplasticity Techniques for Functional Success in Pediatrics

Instructor:

KAREN PRYOR, PhD, PT, DPT, ND, CH, CPRCS

Audience: Physical Therapists, Occupational
Therapists and Assistants, and Speech Language
Pathologists

Course times: 8:00 am – 3:30 pm Local Time

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SUMMARY: Studies show our brains can be rewired to enhance development. MRI, FMRI and CT scans show some of the abnormalities of the central nervous system. Reaching past physical dysfunction to look into the nervous system may reveal pathways for more effective treatments. Viable sensory and motor pathways are essential to utilize Neuroplasticity techniques for rewiring sensory-motor functions.

This course will attend to multiple diagnoses including complex neurologically impaired diagnoses, Down syndrome, congenital hypotonia, spastic quadriplegia, mixed tone and central nervous system dysfunctions, malformed lobes and more. Attention to primitive reflex impairments of the face, mouth, tongue posture, swallowing and how to use techniques in a treatment session. Neurological progression of low or high tone for more active neck, trunk, upper and lower extremity functional motion.

This hands on seminar will teach the practitioner deeper functional knowledge through neurological testing, neuroplasticity treatment, novel activities to promote successful therapy sessions.

This is applicable to PT, OT, SLP with tone changes and primitive reflex integration from the mouth to the toes.

This course will delve into the layers of the brain in an understandable way. Neuroplasticity techniques change central nervous system functions in an orderly fashion. Neuroplasticity methods of how, why and what works will be demonstrated and practiced.

Lectures, lab and live demonstrations with the client and therapist will help drive in skills through visual, auditory and kinesthetic learning styles. Evidence-based advanced multi-sensory techniques, case study presentation, hands-on practice in the course as well as take home exercise program ideas will all supply the attendee with tools that can be easily integrated into the clinic or home the next day. Learn how therapy can change the brain and how neuroplasticity can change the challenges in a child's development with Dr. Karen Pryor as your guide.

Demonstration during the last hour of the seminar, Dr. Karen Pryor will work with a treating therapist with their patient. Instruction will be given on Neuroplasticity techniques and Primitive Reflex integration techniques. Specifics will be given on how to decrease high tone and discuss mixed tone challenges and treatments.

INSTRUCTOR KAREN PRYOR, PhD, PT, DPT, ND, CH, CPRCS has a doctorate degree in physical therapy and has practiced for 45 years. 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. Appointed by Tennessee Governor Bill Haslam from 2014-2024, Dr. Pryor serves on the Board of Leadership Interagency Coordinating Council for early intervention. In 2010 she received the President's Volunteer Service Award from President Obama for the advancement of treatment of children. In addition, she was an adjunct professor at Tennessee State University Occupational Therapy School as well as Volunteer State University Physical Therapy Assistant School. Currently, Dr. Pryor is a Certified Clinical Instructor for several colleges and universities in Tennessee. In conjunction with her teaching duties, she is active on the boards of Maori Foundation in Japan and Tennessee State University. Dr. Pryor was a Physical Therapy tester with the Peabody Developmental Motor Scale 3, and is involved with a Neonatal Abstinence Committee research group in Davidson County, Tennessee.

(Babies born addicted) 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. The instructors have no relevant financial or nonfinancial relationships to disclose.

OBJECTIVES: Upon completion of this course, the participant will be able to:

1. Analyze the impact of retained primitive reflexes on development and articulate how this affects daily living activities.
2. Demonstrate the ability to evaluate and identify retained primitive reflexes in pediatric patients using standardized assessment tools.
3. Complete targeted intervention plans based on assessment results to improve functional outcomes in children with ADHD.
4. Explain the relationship between primitive reflex retention and cognitive function, particularly in relation to academic performance and learning disabilities.
5. Compare the effectiveness of various reflex integration exercises by measuring improvements in motor coordination and sensory processing in children with developmental delays.
6. Apply neuroplasticity-based interventions to restore functional strength and improve gross motor skills, demonstrating a measurable impact on patient outcomes.
7. Observe and apply techniques from live demonstration of child with challenges.

FORMAT: This is a 6-hour course equivalent to 0.6 CEUs. Motivations Inc is an approved provider by The Texas Chapter of the **APTA** and many additional state and chapter approvals.

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ASHA Credits: This course is offered for 0.6 ASHA CEUs. (Intermediate level/Professional)



AOTA: Motivations Inc. is an AOTA Approved Provider of professional development. Approved Provider ID# 11779. This Live activity is offered at 0.6 CEUs **Intermediate-Level**, Occupational Therapy Service Delivery/Foundational Knowledge. The assignment of AOTA CEU's does not imply endorsement of specific course content, products or clinical procedures.

AGENDA

A. PRIMITIVE REFLEXES (30 MINUTES)

1. Why evaluation of primitive reflexes past the age of expected integration is important
2. Active vs. passive motion testing - Lab testing
3. Examples of testing
4. Tone is from the central nervous system

B. TESTS FOR PRIMITIVE REFLEX EVALUATION (30 MINUTES)

1. Types of testing Lab testing
 - a. MOT
 - b. Goddard
 - c. Pryor visual tracking Practice in class
2. Scoring

C. SENSATION TEACHES THE BRAIN (30 MINUTES)

1. Thought processing speed
2. Challenges of abnormal tone and muscle patterns
3. How sensation will change tone
4. Medication may decrease sensation
5. Surgery is a one way highway

D. PRIMARY REFLEXES (30 MINUTES)

1. Primary survival reflexes
2. Start with head, neck, face reflexes

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3. Symmetry of the face and mouth
4. Tube feeding and integration of mouth reflexes

E. REFLEX LEVELS IN THE CENTRAL NERVOUS SYSTEM (15 MINUTES)

1. Spinal reflexes
2. Brain stem – Reptilian brain
3. Midbrain reflexes

F. CRANIAL NERVES INTERACT WITH PRIMITIVE REFLEXES (30 MINUTES)

1. Cranial nerves
2. Cranial nerves related to vision
3. High and low tone of extraocular eye muscles
4. Rotation required for sensory-motor movements and integration of primitive reflexes
5. Vision as a tool for integration

G. ADDRESSING PRIMITIVE REFLEXES IDENTIFICATION AND TREATMENT (90 MINUTES)

1. Asymmetrical Tonic Neck Lab and practice
2. Symmetrical Tonic Neck Lab and practice
3. Moro Reflex Lab and practice
4. Startle Reflex Lab and practice
5. Palmar Grasp Lab and practice
6. Tonic Labyrinthine Reflex
7. Galant
8. Plantar Grasp Reflex Lab and practice
9. Palmar Mandibular Reflex
10. Vestibular Ocular Reflex
11. Optical and Labyrinthine Right Reflex

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12. Head on Body Righting Postural Reflexes

H. ASSOCIATED DIAGNOSES (15 MINUTES)

1. Learning disabilities

2. ADHD

3. Autism

4. Case study

I. TREATMENTS FOR PRIMITIVE REFLEX OBLIGATORY RESPONSES (30 MINUTES)

1. Combination of sensory stimulation – Numb and Dumb response

2. Vision, vestibular and hearing stimulation

3. Redirection of vision Lab and practice

Satisfactory Completion:

Review and study the practice test before submitting your posttest question/answers on the online form. You can take the test multiple times if needed to obtain the 70% score. Complete the evaluation feedback survey and needs assessment. Obtain, review and save your auto-emailed certificate for your files.

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