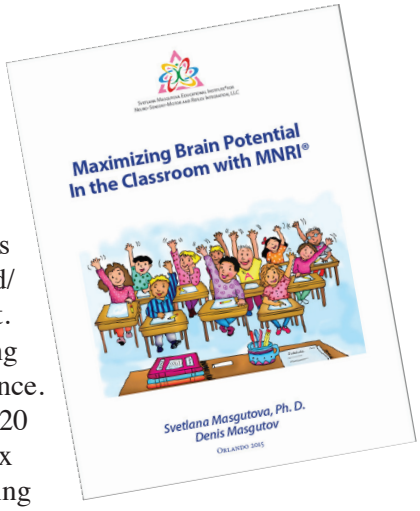
Svetlana Masgutova Educational Institute®
Neuro Sensory Motor and Reflex Integration

MNRI® Reflex Integration: Maximizing Brain Potential

Course Overview



Learning, planning, and the development of inner control are some of the most important functions of the brain's cortex. Successful development of these skills ultimately depends upon the physiological maturation of the brain stem (myelination of the extrapyramidal nerve net) through early movements and sensory motor integration which lie at the foundation of human development. Movement, behavioral, and learning challenges often result when reflex patterns do not develop properly, are immature, and/or are poorly integrated in comparison with typical patterns of development. In addition, primary reflex patterns may not function appropriately following significant life stressors and/or trauma that children and adults may experience. In fact, data collected from thousands of MNRI® assessments over the past 20 years demonstrate that as the number of non-integrated primary motor reflex patterns in neurotypical children increase, the number and severity of learning challenges correspondingly increases. This course explores the role reflexes play in developing higher order cognitive functions including focusing, long-term memory, rational thinking, planning, academic learning and decision-making. Understanding this connection, combined with the knowledge of MNRI® techniques for re-patterning and integrating dysfunctional or poorly integrated reflexes, can help children and adults move closer to reaching their fullest learning potentials and social/emotional growth.

The MNRI® Reflex Integration: Maximizing Brain Potentials course explores:

- The theoretical and physiological basis of the MNRI® Method and the role primary motor reflex integration plays in learning
- The progression of primary skills necessary for optimal learning
- MNRI® techniques designed to re-pattern and integrate specific primary motor reflexes
- Techniques to create MNRI® reflex integration programs for individual students/clients
- Hands on activities to incorporate course content into daily school, clinic, and home practice

Learning Objectives: MNRI® Reflex Integration: Maximizing Brain Potential

1. Discuss how the Masgutova Neurosensorimotor Reflex Integration (MNRI®) method is based on activation of the innate nature of the sensory-motor reflex system.
2. Explain how the eight archetypal movements as first biomechanics of motor development can restore healthy neurosensorimotor integration of reflex patterns, motor coordination, and skills affecting optimal emotional and cognitive functioning, and neurodevelopment overall.
3. Explore the role of a reflex and its sensory, motor and central nervous system connections.
4. Explain how the brain engages in protection and negative survival vs open style of learning and development.
5. Explore the physiological and psychological basis for primary sensory-motor reflexes and their maturational stages.
6. Explain the maturational role primary motor reflexes play in the motor system and the effect of dysfunction on learning, behavior, social, emotional, and physical skills and development.
7. Discuss the maturational role primary sensory-motor reflexes play in developing advanced cognitive skills and behavioral regulation.
8. Explore the maturational role primary sensory-motor reflexes play in the formation of specific academic and social skill sets that affect self-regulation in a classroom setting.
9. Explain how the lack of consistent development of primary sensory-motor reflex patterns and archetypal movements can impact the development of positive learning skills.

10. Explain the impact integration (vs delayed maturation) of each reflex can have on learning skills, including motor skills, communication skills, cognitive development, emotional and behavioral regulation and general over-all academic achievement.
11. Experience supervised, direct hands-on training designed to activate and integrate each of the 13 reflexes introduced in this class.
12. Discuss the specific MNRI® techniques used in dealing with unique and challenging situations in the classroom as well as specific techniques for working with children and adults diagnosed with ADD, ADHD, Dyslexia, Dyspraxia, Genetic Disorders, Anxiety, PTSD, and other challenges.
13. Explore how to use the knowledge received in this class and apply in large and small group situations as well as on an individual basis.
14. Discuss strategies on how to incorporate the techniques learned in this course for use in developing a plan of care and specific home programs.
15. Supervised hands-on training will be provided for each of the eight archetypal movements discussed in this course.
16. Supervised hands-on training will be provided for the following reflexes: Robinson Hands Grasp, Pyramid Finger Activation, Sequential Fingers Opening and Closing, Hands Supporting, Foot Tendon Guard, Automatic Gait, Bauer Crawling, Asymmetrical Tonic Neck Reflex, Spinal Galant, Symmetrical Tonic Neck Reflex, Bonding, Fear Paralysis, Eye Tracking.

Reflexes Addressed in this Course:

- Robinson Hands Grasp
- Hands Supporting
- Automatic Gait
- Spinal Galant
- Bonding
- Pavlov Orientation
- Sequential Fingers Opening / Closing
- Foot Tendon Guard
- Asymmetrical Tonic Neck
- Symmetrical Tonic Neck
- Eye Tracking & Convergence-Divergence
- Fear Paralysis

Course Length: The course covers a period of two days and requires a minimum of 14 hours of direct classroom instruction to complete.

Curriculum Design: The course curriculum consists of a combination of historical and theoretical lecture, case study and research slides and videos, technique demonstration and applied practice, and class discussion.

Course Materials: The *MNRI® Reflex Integration: Maximizing Brain Potentials* course manual, written by Svetlana Masgutova, Ph.D., is the primary source for content presented in class. Supplementary course content draws from a variety of articles and MNRI case studies, and is referenced as needed upon presentation in class. The course manual is included as part of the course fee and is distributed to course participants at initial course check-in.

Approved Continuing Education Course: This course is offered for 1.4 ASHA CEUs (Introductory level, Professional area). This course is offered for 14 NCBTMB CE Hours.