Svetlana Masgutova Educational Institute, LLC
P.O. Box 1651, Chiefland, FL 32644

Time ordered agenda
MNRI Dynamic and Postural Reflex Patterns
3.2 CEUs
32 Contact Hours

Time Period Day 1	Content
Hour 1-	Movement as basis of Natural Development
Hour 2-3	Masgutova Method™ of Neruosensorimotor Reflex Integration
Lunch 1 hour	
Hour 4	Reflexes as the Neuro-Physiological Basis for Development of Infant Movements
Hour 5-6	Body Motor Coordination Systems and Brain Levels.
Hour 7-8	Explain MNRI™ Reflex Assessment

Time Period Day 2	Content
Hour 1	Dynamic and Postural Infant Reflex patterns Integration-Right/Left Motor Coordination System.
Hour 2-3	Dynamic Reflexes: Robinson Hand Grasp Reflex
Hour 4	Hands Pulling Reflex
Lunch 1 hour	
Hour 5-6	Babinski Reflex
Hour 7	Postural Reflexes: ATNR and Bonding
Hour 8	Integration of Reflex patterns within Right-Left Body Sides MCS.

Time Period Day 3	Content
Hour 1	Dynamic and Postural Infant Reflex patterns Integration-Up-Down Motor Coordination System
Hour 2-3	Dynamic Reflexes: Automatic Gait, Bauer Crawling
Hour 4	Moro Embrace Reflex
Lunch 1 hour	
Hour 5-6	Postural Reflexes (Hands Supporting Reflex and Landau Reflex)
Hour 7	Other Reflexes: Pavlov Orientation Reflex
Hour 8	Integration of Reflex patterns within Up and Down Body Sides MCS

Time Period Day 4	Content (SLP/AUD specific)
Hour 1	Dynamic and Postural Infant Reflex patterns Integration-Front-Back Motor Coordination System
Hours 2-3	Dynamic Reflexes: Spinal Gallant and Spinal Pereze Reflexes
Hour 4	Postural Reflexes: Symmetrical Tonic Neck Reflex
Lunch 1 hour	
Hours 5-6	Trunk Extension Reflex and Tonic Labyrinthine Reflex
Hour 7	Integration of Reflex patterns within Front-Back Body Sides MCS
Hour 8	Implementation of Reflex Development and techniques in therapy practices

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Learning Objectives: MNRI Dynamic and Postural Reflex Integration

1. Describe the Masgutova Neurosensorimotor Reflex Integration SM (MNRI) Method
2. Explain its scientific origins
3. Describe the role of a reflex and its sensory, motor and central nervous system mechanisms.
4. Describe primary motor reflex patterns, the subordinate role each plays in the maturation of more complex related motor reflex schemes (sitting-up, crawling, etc), the development of learned motor, communication and cognitive abilities and in achieving potential across an individual's lifespan.
5. Describe the effects of a non-integrated reflex on the brain-body system as well as the effects on receptive and expressive language skills.
6. Describe the impact of:

a. Trauma on primary motor reflex patterns, the protective role immature reflexes play, and the negative impact protection can have on an individual's ability to self-regulate, learn, develop and grow.
b. Stress and negative learning experiences on the integration of reflexes necessary for reading, writing, eating, core stabilization, visual/motor integration, speech/language development and auditory processing.

7. Define, classify and demonstrate (through in class demonstration) the body's motor coordination systems, the corresponding brain level responsible for managing each system, and the implications for reflex integration.
8. Describe the importance of primary motor reflex patterns and identify, define and classify each pattern
9. Discuss the research of Pavlov (1927), Simonove (1987), Kornorsky (1970) and Vygotsky (theory of Cognitive Development as reprinted in 1978).
10. Compare and contrast dynamic and postural motor reflex patterns found in the coronal, sagital and axial body plane coordination systems.
11. Analyze the reflex integration Process:

a. Reflex circuit => Reflex actions => Basic pattern => Variant patterns => Intentional movement => Skill development => Motor planning

12. Define the links with facilitating and opposing reflexes
13. Describe the connection to emotional and behavioral regulation and personality development.
14. Describe reflexes as the fundamental foundation for optimal motor, communication and cognitive learning and growth.
15. Describe how to implement MNRI assessment techniques to determine the integration state of each primary motor reflex pattern.
16. Explain the norms of automatic motor development based on the assessment metrics presented in Shirley's Scales of Motion Development (1986) and Frankenburg and Doss's Scale of Motion Habits (1986).
17. Explain, demonstrate and identify:

a. The MNRI Method parameters important to determining the integration state of each reflex
b. The possible range of integration states for each primary motor reflex pattern including integrated (typical maturational pattern), dysfunctional (atypical, immature) and pathological (absence of any pattern or presentation incorrect or wrong pattern).
c. Demonstrate through supervised hands-on-application the ability to conduct an MNRI

assessment and adequately determinethe state of each primary motor reflex pattern.
18. Demonstrate how to implement the MNRI techniques to integrate each primary motor reflex pattern.
19. Analyze and define the Foot/Leg Reflex Patterns for Babinski, Foot Tendon Guard, Leg Cross Flexion-Extension, Automatic Gait and Bauer Crawling and its effect on receptive and expressive language skills.
20. Demonstrate the effective integrative exercises for Babinski, Foot Tendon Guard, Leg Cross Flexion-Extension, Automatic Gait and Bauer Crawling.
21. Analyze and define the Core or Gross Motor Coordination Reflex Patterns for Spinal Galant, Spinal Perez, Trunk Extension, Bauer Crawling and its effects on auditory processing,
22. Demonstrate the effective integrative exercises for Spinal Galant, Spinal Perez, Trunk Extension, Bauer Crawling and its effect on auditory processing, communication and expressive language.
23. Analyze and define the Reflex Patterns for Trauma, Protection & Survival including Moro Embrace, Fear Paralysis, Hands Supporting
24. Demonstrate the effective integrative exercises for Moro Embrace, Fear Paralysis, Hands Supporting
25. Analyze and define the Reflex Patterns for Emotional Stability, Fear, and Depression including Bonding, Spinal Perez, Fear Paralysis, Moro, Trunk Extension, and Landau.
26. Demonstrate the effective integrative exercises for Bonding, Spinal Perez, Fear Paralysis, Moro, Trunk Extension, and Landau.
27. Demonstrate how these individual corrective programs can be used to enhance overall emotional, motivational, cognitive, communication and motor challenges in a daily practice.
28. Apply through demonstration and hands-on-practice the MNRI techniques designed to activate and integrate primary motor reflex patterns.
29. Describe through course discussion and instructor demonstration how to deal with unique and challenging client situations using MNRI method techniques.
30. Demonstrate for course instructor the ability to appropriately apply integration procedures for each primary motor reflex pattern.
31. Demonstrate course knowledge to create and apply an individual MNRI program for clients with various challenges.
32. Apply the MNRI pre-assessment techniques to identify dysfunctional primary motor reflex patterns.
33. Complete an individual MNRI program based on assessment results and targeted individual challenges.
34. Explain with client family the potential impact the individualized program can have on:
    a. Body structure, posture, and motor maturation
    b. Motor, communication and cognitive learning abilities and emotional and behavioral regulation
35. Describe, evaluate, and develop strategies to incorporate the use of the MNRI Dynamic and Postural Reflex Integration course content into daily client and home practice.