MNRI® Visual and Auditory Reflexes Integration

Dates: January 21-30, 2021
Online Course With Dr. Leah Light

Course Overview:

The visual and auditory systems work independently, in combination with each other, and with the remaining sensory systems to inform and guide the body's internal and external actions. The auditory system provides the body access to sounds and vibrations from nature, voices (others and their own), instruments, machines and more; distinguishing differences in volume, timbre, rhythm, pitch, modulation and frequency. When focus is required, auditory reflexes instantaneously block out unnecessary sound frequencies, and when general auditory awareness is required, the auditory reflexes just as quickly expand sound frequency access to ensure the central nervous system is provided with all the information it needs to respond appropriately. The visual system distinguishes variations in shape, color, brightness, movement, helping to distinguish familiar people, places and things from unfamiliar, to determine relative location, and detect visual input important to daily function and general survival. Visual reflexes adjust instantaneously from static and dynamic visual input that is near or far, blocking out extraneous visual input when visual concentration and focus are required, while remaining vigilant to unusual visual input important to productive functioning and general safety. While the visual and auditory sensory systems each provide the body access to unique forms of stimulus input, they also work together to coordinate "seeing-hearing" information and in combination with the other sensory systems to inform and prioritize input for the central nervous system to guide and direct action in response to ever-changing conditions. Due to congenital issues or trauma (in utero, at birth or anytime after birth) the auditory and visual systems can become hypersensitive or hyposensitive as defined below, or simply not function; leading to a number of auditory and visual challenges.

When auditory or visual challenges lead to reactions bigger or smaller than normal conditions would dictate, it is likely the challenged system is not appropriately engaged or integrated. The emotions and behavior of a person experiencing auditory or visual challenges often appears dys-regulated to outside observers. MNRI Visual and Auditory Integration Program techniques work to engage and integrate the visual and auditory sensory systems to improve sensory system function, which in turn, can improve behavioral and emotional regulation, and enhance learning.

Learning Objectives: MNRI® Visual and Auditory Reflex Integration

1. Describe the Masgutova Neurosensorimotor Reflex Integration (MNRI®) processes for activating the innate nature of the motor reflex.
2. Describe the role of a reflex pattern and its sensory, motor and central nervous system connections.
3. Explain evaluation methods for the assessment of visual and auditory reflexes and skills.
4. Explain the integration procedures for the correction and development of non-matured or dysfunctional reflexes.

5. Explain visual and auditory perception as it relates to reflex integration.
6. Describe the connection between cranial nerves, muscles, eye movements and cognitive and emotional development.
7. Analyze the general characteristics of the human hearing system.
8. Describe the anatomy of the ear.
9. Explain the functioning of the auditory system.
10. Describe the connection between the hearing and vestibular system.
11. Describe the specific Auditory Reflexes and how to identify each reflex.
12. Explain the natural coordination functions of the auditory system.
13. Apply specific techniques for the structural integration of the auditory reflexes.
14. Demonstrate the appropriate application of the structural integration of visual reflexes in a supervised situation.
15. Apply through hands-on supervision the exercises to implement MNRI® neuro-stimulation techniques designed to assess, activate, and integrate auditory reflexes: Acoustic, Sound Source Orientation, and Auditory Postural Reflexes.
16. Explain the when, why, and how the brain engages in negative protection versus positive protection and the effect on learning and development.
17. Explain the maturational role of auditory and visual reflexes within the primary motor reflex system and the impact of dysfunctional and pathological reflex patterns on daily life of children and adults with developmental and neurodeficits.
18. Explain the natural coordination functions of the visual system and its effects on learning and academic skills.
19. Describe appropriate ways to incorporate the use of the Visual Reflexes Integration program daily practice.
20. Describe the specific Visual Reflexes and how to identify each reflex.
21. Explain the natural coordination functions of the visual system.
22. Apply specific techniques for the structural integration of the visual reflexes.
23. Apply through hands-on supervision the exercises to implement MNRI® neuro-stimulation techniques designed to assess, activate, and integrate challenged visual reflexes including Pupillary Reflex, Consensual Reflex, Accommodation Reflex, Corneal Reflex, Eyes Staring Reflex, Vestibulo-Ocular Reflex, Optokinetic Reflex and Gaze Reflex.
24. Explain how to develop individual programs using the MNRI® Method to balance, activate and integrate these reflexes
25. Apply the MNRI ® Method to develop individual programs for people having emotional, motivational, cognitive and movement challenges.

Course Agenda:

Day 1

Hour 1: Visual and Auditory Systems

Hour 2: Motor Reflexes in the Development of the Nervous System

Hour 3: "Seeing-Hearing" Coordination

Lunch 1 hour

Hour 4: Development of Visual and Auditory Reflex Integration

Hours 5-6: Coordination Functions of the Auditory Systems

Hours 7-8: MNRI® Reflex Assessment Procedures

Day 2

Hours 1-2: Visual Reflexes

Hours 3-4: Natural Coordination

Lunch 1 hour

Hours 5-6: Auditory System

Hour 7: Integration of reflex systems

Hour 8: Auditory Reflexes

Day 3

Hour 1: Auditory Reflexes

Hour 2: Auditory coordination Systems

Hours 3-4: Visual and Auditory Reflexes

Lunch 1 hour

Hours 5-6: Visual and Auditory Reflexes Continued

Hours 7-8: Assessment Protocol

Financial Disclosure: Dr. Leah Light receives a stipend based upon an enrollment percentage.

Non-financial Disclosure: No relevant relationship exists.

Course Disclosure:*The Svetlana Masgutova Educational Institute has developed and patented a licensed technology trademarked as MNRI®. Because there are no other like-kind products available, course offerings will only cover information that pertains to the effective and safe use of the above-named products. This presentation will focus exclusively on MNRI® and will not include information on other similar or related products or services.*

Special Needs Requests: If you require special accommodations, please notify SMEI at events@masgutovamethod.com at the time of registration so that needed accommodations can be made prior to the course.

Course Completion Requirements: Full attendance is required to receive a certificate of completion and any available credit hours or CEUs.

Target audience:
Speech Language Pathologists, Speech Language Pathologist Assistants, Occupational Therapists, Certified Occupational Therapy Assistants, Nurses, Physical Therapists, Physical Therapist Assistants, Educators, Psychologists, Physicians, Massage Therapists, Mental Health Counselors, Other Health Care Providers, Parents.

Assessments:
In Person Courses: Self Assessment and technique demonstration.
On line Courses: Self Assessment and technique demonstration.

Additional Information and Registration:

For more information or to register, visit https://masgutovamethod.com/events?1885.
You can also contact the local MNRI® coordinator for this course:
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This course is offered for 2.4 AOTA CEUs / 24 Contact Hours (Introductory level; Occupational Therapy Process: Evaluation, Intervention)

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