

# MNRI® NeuroTactile, Primary Motor and Reflex Integration (Advanced)



**Dates:** February 14-16, 2019

**With Dr. Svetlana Masgutova**

**Location:** Orlando, FL

## **MNRI® NeuroTactile, Primary Motor and Reflex Integration (Advanced)**

1. Describe the Masgutova Neurosensorimotor Reflex Integration (MNRI®) processes for activating the innate nature of the sensory-motor reflex.
2. Explain the NeuroTactile integration processes and activation of sensory-motor reflex patterns to alleviate negative physical and psychological effects of stress.
3. Explain the neurophysiological and psychological dynamics for the development of the tactile system.
4. Describe why the brain engages in protection/survival versus learning and development.
5. Describe the NeuroTactile strategy which optimizes the brainstem, relaxes the defensive reflexes, and opens the entire system for healthy cognitive, social, and motor development.
6. Explain the process of skin and tactility development from time in utero and the origins of the nervous, cardiovascular, and immune systems.
7. Describe the three layers of skin and how they affect the sensory processing and the development of the nervous system.
8. Explain how this program regulates the functions of different receptors and dermatomes in the skin and why this is important for cognitive development.
9. Describe how skin receptors affect the neurophysiological bases for the development of the reflex arcs and circuits.
10. Explain how skin is the main organ for the sense of touch and how it is related to the healthy development of cognitive, social, emotional, and physical skills.
11. Describe the connection between the deep sensibility system and proprioception with muscular system and motor control.
12. Explain the neurophysiological functioning of the tactile system and its connection to the brain, spinal cord, and nerve network.
13. Explain the Core flexion-extension mechanisms which correlate with the protection (freezing response -flexion) and survival (fight and flight - extension) strategies of the brain.
14. Discuss how the HPA stress-axis and release of non-productive protection tendencies, optimizes the tactile sensation of the front and back of the body to maximize the primary motor coordination.
15. Explain the Righting Reflex patterns (Stretch and Trunk Extension Reflex patterns) and its effects on learning.
16. Explain the proper techniques of Rotational movements of limbs to create flexibility and the release of

ligament guard response.

17. Explain how homologous movements (to support bilateral links of the tactile system) serve for the Hands Pulling, Hands Grasp, and Hands Supporting reflex patterns and how it effects expressive language.
18. Explain how homolateral movements support reflex patterns to activate one-sided motions,
19. Describe how cross-lateral movements support reflex patterns activating movements crossing the body midline.
20. Explain how primary tactility facilitates the neurodevelopmental mechanisms for productive learning of motor skills integration of the primary motor patterns to support positive cognitive development,
21. Explain how the development of awareness of body processes and feelings of safety are necessary for interaction with the world, bonding with self and communicating with others.
22. Explain how the release the non-productive protection tendencies on the somatic level, and to experience positive protection, regulate the HPA stress-axis work.
23. Demonstrate through supervised hands-on exercises to implement MNRI® neuro-regulation techniques designed to assess, activate, and integrate challenged tactile systems: Greeting to Front and Sides of body, Arm and Leg segments, Rotations, Core, Head, and Back of Body.
24. Describe how to create and apply an individual MNRI® program for clients with various neurodevelopmental deficits and learning challenges.

### **Time Agenda:**

#### **Day 1:**

Hour 1- MNRI® process

Hour 2- NeuroTactile integration processes

Hour 3- Neurophysiological and psychological dynamics for the development of the tactile system

Hour 4- Protection/survival versus learning and development

Lunch 1 hour

Hour 5- NeuroTactile Strategy

Hour 6- Process of skin and tactility development

Hour 7- Layers of skin

Hour 8- Regulation the functions of different receptors and dermatomes in the skin

**Day 2:**

Hour 1- Skin receptors

Hour 2- Skin and development

Hour 3- Motor Control

Hour 4- Neurophysiological Functioning

Lunch 1 hour

Hour 5- Core flexion-extension

Hour 6- HPA stress-axis

Hour 7- Righting Reflex patterns

Hour 8- Rotational Movements

**Day 3:**

Hour 1- Homologous Movements

Hour 2- Homolateral Movements

Hour 3- Cross-Lateral Movements

Hour 4- Primary tactility

Lunch 1 hour

Hour 5- Body Awareness

Hour 6- HPA stress-axis

Hours 7-8 - Righting Reflex patterns

**Course Format:**

This is an online course. Access links will be provided before the first day of class.

Course Hours: 24

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**Financial Disclosure:** Dr. Svetlana Masgutova receives a stipend based upon an enrollment percentage.

**Non-financial Disclosure:** Dr. Svetlana Masgutova is co-owner of SMEI, however, she receives no profit from this ownership status. Income is only derived from her work at Courses, Family Conferences, Clinics and Administrative Duties.

**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](mailto: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?1221>.

You can also contact the local MNRI® coordinator for this course:

Jessica Rife • [jessica@masgutovafoundation.org](mailto:jessica@masgutovafoundation.org) • 352-494-9829



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