



MNRI® Archetype Motor Movements

Course Overview:

Archetype Movement Program techniques work to activate and engage archetype movements that, for various reasons, have remained dormant in the body. Archetype *movements*, less complex in nature than motor reflex *patterns* or *schemes*, are among the first reflexive movements to develop and emerge. Once engaged, archetype movements remain present and active in the body, allowing normal range and flexibility of motion while providing support, balance, and stability for the upper and lower, left and right, and front and back parts of the body. Archetype motor movements also play a subordinate role in the maturation and integration of progressively more complex reflexes, including primary motor reflex patterns, motor reflex schemes, and the development of learned motor skills. If an archetype movement is not appropriately engaged, its impact can be great given the subordinate role it plays in maturation and development. We encourage parents and professionals interested in learning more about the MNRI Method and its various programs to attend this course early on, given the fundamental role it plays in overall development.

The MNRI Archetype Motor Movement course explores:

- The general MNRI Method and the role played by the Archetype Motor Movement Program
- The progression of motor movements beginning in utero and continuing through life
- Archetype motor movements and how they relate to primary motor reflex patterns and important coordination systems
- The role archetype motor movements play in establishing a foundation for motor, communication and cognitive development, and emotional and behavioral regulation
- MNRI techniques designed to assess and facilitate the maturation and integration of archetype motor movements
- How to create MNRI archetype maturation programs for individual clients
- How to incorporate use of the MNRI Archetype Motor Movement course content into daily client and home practice

Course Objectives:

Upon successful completion of this three-day, 24-hour Archetype Motor Movement course, participants:

1. Learn about the Masgutova Neurosensorimotor Reflex IntegrationSM (MNRI) Method
 - a. The innate nature of the motor reflex system
 - b. The role of a reflex and its sensory, motor and central nervous system mechanisms
 - c. When, why, and how the brain engages in protection versus learning and development
 - d. The maturational and subordinate role of archetype motor movements within primary motor reflex patterns and schemes
2. Understand the importance and progression of the various types of automatic motor movements, including,
 - a. Archetype motor movement:
 - Body-Center Radiation (Core-Limbs Flexion-Extension)
 - Mouth-Spine Rotation
 - Body-Righting Movement (Trunk Extension)
 - Homologous Movement
 - Homolateral Movement
 - Lateral Spine Flexion-Extension
 - Cross-Lateral Movement
 - Intentional Movement
 - b. Rhythmic motor movements
 - c. Learned, intentional, and controlled movements and skills
3. Understand the relationship between archetype motor movements and related automatic reflex movements and patterns
 - a. Across developmental time periods -- in-utero, birth, post-birth, newborn, infant, early childhood, and lifelong
 - b. Relative to various body systems -- tactile, visual-auditory, facial, upper limbs and neuro-structural
4. Explore and understand the impact archetype motor movement maturation and integration, and related primary motor reflex pattern maturation and integration on:
 - a. Body structure, posture and motor development
 - b. Advanced motor planning, communication, and cognitive development
 - c. Behavioral and emotional regulation of the body-mind system
5. Learn to implement the MNRI archetype assessment and integration techniques
 - a. Learn through lecture, demonstration, and hands-on-practice, the MNRI techniques to adequately assess and integrate archetype motor movements

- b. Learn through course discussion and instructor demonstration how to deal with unique and challenging client situations using MNRI method techniques
 - c. Demonstrate for course instructor the ability to appropriately apply assessment and integration procedures for each archetype motor movement
6. Learn to use course knowledge to create and apply an individual MNRI Program for clients with various challenges
 - a. Use MNRI pre-assessment to identify non-integrated archetype motor movements
 - b. Develop an individualized MNRI Program based on assessment results and targeted individual challenges
 - c. Explore with client family the potential impact the individual program can have on
 - Body structure, posture, and movement maturation
 - Motor, communication and cognitive learning abilities and emotional and behavioral regulation
 7. Explore, evaluate and develop strategies to incorporate the use of the MNRI Archetype Motor Movement course content into daily client and home practice

Pattern and Reflex Techniques Addressed in this Course:

Archetype Motor Movements

- | | | |
|--------------------------------|-----------------------------------|---------------------------|
| • Core-Limbs Flexion-Extension | • Homologous Movements | • Cross-Lateral Movements |
| • Mouth-Spine Rotation | • Homolateral Movements | • Intentional Movements |
| • Trunk Extension | • Lateral Spine Flexion-Extension | |

Primary Motor Reflex Patterns

- | | | |
|----------------------------------|-----------------------|--------------------------------|
| • Asymmetrical Tonic Neck (ATNR) | • Flying and Landing | • Leg Cross Flexion |
| • Spinal Galant | • Babkin Palmomentary | • Hands Supporting (Parachute) |
| • Locomotion | • Trunk Extension | • Bauer Crawling |

Additional Motor Reflexes

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|---------------------|---------------------|-------------------|
| • Core Tendon Guard | • Head Up-Righting | • Spine Expanding |
| • Foot Tendon Guard | • Segmental Rolling | • Spinning |
| • Head Righting | | |

Prerequisites: No prerequisites are required; however, Masgutova recommends attending the Dynamic & Postural Reflex Integration course first to provide broader context prior to attending other foundation courses.

Course Length: The course covers a period of three days and requires a minimum of 24 hours of direct classroom instruction to complete.

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

Course Materials: The Archetype Motor Movement 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 for: AOTA