



## **MNRI® Dysfunctional & Pathological Reflex Re-Patterning and Integration**

### **Introduction:**

The Dysfunctional & Pathological Reflex Re-Patterning and Integration course dives deeper into why motor reflex patterns sometimes become dysfunctional and how to determine if a deeper pathology exists. This knowledge helps establish priorities in developing individualized programs. Professionals, parents and caregivers are trained in how to make assessments using a two-level, sixteen point rating scale to measure reflex dysfunction. This scale is fundamental to assessing and applying MNRI techniques as it helps quantify reflex action and to reliably measure improvement over the course of MNRI treatment.

### **Course Objectives:**

In this three-day course (24 hours), attendees will gain hands-on training to learn how to conduct assessments using the MRNI Method to discover nonintegrated or immature reflex patterns and to develop individualized programs for people having emotional, motivational, and movement challenges. Attendees will demonstrate the appropriate application of the structural integration of dysfunctional and pathological reflexes in a supervised situation. Class work will include theory, group instruction and individual hands-on work to identify, rehearse, and implement proper technique. A two-part, sixteen point scale will be discussed as part of conducting assessments.

The Dysfunctional and Pathological Reflex Re-Patterning and Integration program is part of the larger MRNI Method. The program focuses on providing:

1. An understanding of the physiological and psychological basis of movement, the sensory-motor concept of reflex integration, the development of a reflex from appearance to integration, and the characteristic components of reflexes.
2. An understanding of various reflexes, their sensory stimuli and motor responses, stages of each reflex's development, and grouping according to upper limbs, lower limbs, and whole core
3. A method and criteria with which to assess reflex patterns using a four-point scoring system and evaluation scale
4. Understanding and applying the MRNI® Method for the neurological reeducation of dysfunctional and pathological reflexes to assist with self-regulation

### **Reflexes Addressed in this Course:**

#### *Primary Motor Reflex Patterns*

- Asymmetric Tonic Neck (ATNR)
- Babkin Palmomental
- Babinski
- Bauer Crawling
- Bonding
- Flying and Landing
- Hands Pulling
- Hands Supporting (Parachute)
- Landau
- Leg Cross Flexion
- Moro Embrace
- Pavlov Orientation
- Robinson Grasp
- Spinal Galant
- Spinal Pereze
- Symmetric Tonic Neck
- Thomas Automatic Gait
- Tonic Labyrinthine
- Trunk Extension

#### *Additional Motor Reflexes and Reactions*

- Fear Paralysis
- Foot Tendon Guard
- Locomotion
- Segmental Rolling
- Spinning

**Prerequisites:** Dynamic & Postural Reflex Integration course and Children with Challenges Reflex Integration

**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 Dysfunctional & Pathological Reflex Re-Patterning and Integration 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**