

Foreword

This teaching manual represents an updated version of past Neural Organization Technique (N.O.T.) manuals. It incorporates all the basic concepts of N.O.T. originally developed by Carl A Ferreri, D.C., and Ph.C. with emphasis on understanding the theory, new diagnostic applications, updated neurology, physiology and methodology. Although you may notice differences in sequence, description, and emphasis, the basic philosophy remains the same. For those that have taken prior instruction from certified instructors or Dr. Ferreri in the past, differences in opinion will always exist. Neural Organization Technique represents an eclectic approach, which shares the wisdom and expertise of many practitioners past and present.

The methods described in these N.O.T. manuals should not be taken as a cookbook protocol. The practitioner is expected to have performed the usual and customary physical examination and in particular pay careful attention to the diagnostic screening steps outlined in the following pages. When used correctly, Neural Organization Technique can play a vital role in healthcare services provided to your clientele.

These manuals are written in a format that assumes one is familiar with basic applied kinesiology (PAK) concepts and knowledgeable of the diagnostic role of manual muscle testing and the functional neurological concepts related to conditionally inhibited and conditionally facilitated muscles. Additional concepts covered are: organ muscle relationships, reactive muscle patterns, location of many of the common neurolymphatic and neurovascular reflexes as well as a comprehensive understanding of neuroanatomy, neurophysiology and pathophysiology. While this manual can serve as a reference and study aid there is no substitution for a live lecture.

The content of this manual is copyrighted by N.O.T.-IP.

No part can be reproduced or sold.

Permission is granted for personal use of pages 2-5 (History, Introduction & Theory, Concepts, and Definitions) and maybe reproduced for use as an information source in one's private practice.

Acknowledgements

This advanced instructional manual represents a culmination of work from the original members of N.O.T. –IP, present board members and contributions of many N.O.T. practitioners around the world.

Board of Directors 2012-14

Mitchell Corwin D. C.

Laurent Picard D. C.; DIBAK

Yann Schmitt D. C.

Sheel Tangri D. C.

Evelyne Rupp H.P.

Robert LaRusso D.C.

History of Neural Organization Technique

Neural Organization Technique is a holistic physical medicine therapeutic protocol, based in Applied Kinesiology, which deals with our basic primitive survival systems of fight/flight, feeding/digestion, reproduction and immune. Our health depends on how well these systems are maintained and their ability to receive process and respond to sensory information in a constantly changing environment of both internal and external stressors. Treatment utilizes a sensory receptor-based therapy involving primarily skin surface reflexes designed to normalize nervous system function.

In 1978 Dr. Carl Ferreri, a chiropractic physician from New York, further developed the basic concepts of Applied Kinesiology, several other chiropractic and energy medicine techniques into an eclectic protocol he named Neural Organization Technique (*N.O.T.*). His theme was nothing is impossible; as it relates to the central nervous system and body's ability to heal itself. His passion was helping the developmentally delayed, especially Down Syndrome and many other debilitating conditions of both children and adults. His knowledge of the human body, functional neurology and energy medicine was that of a genius in both knowledge and clinical practice.

Neural Organization Technique focuses on prenatal and neonatal neurological development, i.e. our primitive reflex systems and aberrations within these primitive reflex systems when they are "retained" or fail to reach fruition. These primitive survival systems as previously mentioned, are universal and present in all forms of life. They essentially function on a subconscious level allowing survival in a hostile or potentially hostile environment. The challenge in Neural Organization Technique and many other healing arts is working with these systems to obtain useful diagnostic information and a therapeutic application that offers predictable results in an efficient and cost effective manner.

The purpose of Neural Organization Technique is to re-establish optimal neural function by resetting neural pathways and undoing compensatory states. By restoring neural function to its optimal original state, the concept of rehabilitation and or retraining is no longer the highest priority. A fully functioning nervous system allows the body to heal from acute or chronic illness and traumas past and present with maximum efficiency and at the same time raises our vitality and improves longevity. This is what makes *N.O.T.* unique within the healing arts community.



Dr. Carl Ferreri
Father and Developer of
Neural Organization
Technique.

Introduction and Theory

The fundamental premise of Neural Organization Technique is to re-establish optimal neural function by resetting neural pathways and undoing compensatory states. By restoring neural function back to its optimal original state, the concept of rehabilitation and or retraining is no longer the highest priority. To reach this *organized* neurological state, we look at how sensory information (afferent stimuli) about our environment is gathered, processed, and interpreted knowing that the (efferent) response must be consistent with the concept of survival and the preservation of the species.

From the beginning of life, in utero through childhood and adult, N.O.T. recognizes that our nervous system is continually processing information thru the pre-programmed neural pathways of the primitive neonatal reflexes described here as survival systems of fight/flight, feeding, reproduction and immune. These systems are present in all living things allowing the continuation of life while adapting to any and all challenges in our environment.

Neural Organization Technique focuses on functional neurology of the Fight/Flight system by initially recalibrating sensory input devices (mechano-receptors) in our skin, muscles, tendons, ligament, joints and bones with a comprehensive understanding the role of the vestibular reflex systems. An example of aberration within the vestibular systems and associated cohort pathways is believed to be the key to understanding and successfully treating the condition of scoliosis.

The second survival system of Feeding is interpreted primarily through the coordinated jaw movements which direct digestive function.

The third survival system of Reproduction is interpreted through the endocrine system, recognizing that hormones represent the body's non-electrical communication system.

The Immune system, an internal survival system, can be thought of as the glue that holds life together and is the most complex due to its dynamic homeostatic nature.

A final variable that all the healing arts must address is the mental ~ emotional factor. Neural Organization Technique offers some insightful protocols to understand and treat this complex and ever challenging state of emotional health.

Advanced N.O.T. protocols *not discussed in this manual* have shed new light and therapeutic options on many complex disorders ranging from learning disabilities to Down syndrome, immune system challenges from microbial infections to debilitating illnesses, toxicity issues form heavy metal toxicity to organ dysfunction, and complex emotional states.

Treatment protocols follow a specific sequential unfolding format divided into neurological units similar in concept to many advanced Applied Kinesiology protocols. Understanding how to identify and correct the aberrant code of our biological computer represents the challenge and excitement of using Neural Organization Technique.

...Continued

Concepts

Neural Organization Technique utilizes many basic and advanced applied kinesiology neurophysiology concepts, several eclectic kinesiological methods as well as energy medicine techniques in the basic and especially in advanced protocols. Energetic steps will be identified as such are an option for the practitioner to use or not.

Neural Organization Technique allows the practitioner to work on THREE LEVELS. It remains the prerogative of the individual practitioner to incorporate this or not.

- I. The first level can be considered **Present-Time**, i.e. where present symptomatology is active and the most common level to work on. To progress to deeper levels, this level must be stabilized.
- II. The next level is commonly called **I.R.T.** which stands for **In Relationship To** and similarly referenced in Applied Kinesiology as **Injury Recall Technique**. On this level one is able to address and clear aberrant/retained neural memory patterns of *significant* past injury(s), and or chronic stress pattern(s) to bones, joints, soft tissues, organs, glands and specific brain areas as the pituitary, hypothalamus, thalamus, Pineal, etc., and limbic system. In working with I.R.T. patterns, the key factor is the emotional memory anchor which needs to be neutralized relative to the offending trauma or chronic state and represents a significant departure from the classical AK approach.
- III. This level is best named by describing it: **Cumulative Old Stress Patterns C.O.S.P.**, is believed to represent the summary memory of minor traumas that accumulate in the years of primarily early childhood, teenage development and throughout adult life that do not have specific emotional memory as an anchor. Possibly Applied Kinesiology's I.R.T. method may also be defined here. It is the author's belief that this can also be treated cumulatively by calling up C.O.S.P. "*previously referenced as...in the dark*" and repeating the treatment outlined in the survival system protocols. It is the prerogative of the individual practitioner in determining to incorporate this or not. C.O.S.P. is believed to play a minor role as it is essential inactive stored body memory. Its initial role is believed to be the physical body's best effort to diffuse the physiological stress from an acute *surface* injury and disperse it deeper in body tissues where its affect will be diluted. The role of cumulative old stress patterns in present-time pain syndromes is not well understood and appears to be unique to each individual. The physiology of C.O.S.P. could explain the not uncommon reaction one often sees in soft tissue work and message therapy that elicits old injury pain patterns. It is interesting to note in the author's experience that this level is not present at birth, developing in early toddler years and absent in only *moderate ~ severe* developmental delayed children (autism, Down syndrome, congenital birth defects, C.P. etc.).

DEFINITIONS AND TERMS

Neural Organization Technique was developed in the late 1970's by Dr. Carl Ferreri, D.C. Ph.C.

N.O.T.	Neural Organization Technique is a systematic protocol based primarily in applied kinesiology that organizes the nervous system through the primitive neonatal survival reflex systems of fight/flight, feeding, reproduction and Immune system.
N.O.T. Instructors	Instructors of Neural Organization Technique that have been certified by N.O.T.-IP Certification Board post 2014 are well qualified to teach.
A.K.	Applied Kinesiology: Professional Applied Kinesiology P.A.K. is a functional neurological assessment and therapeutic technique originally developed by Dr. George Goodheart in the early 1960's and later evolved into the International college of Applied Kinesiology (I.C.A.K.).
Manual Muscle Testing	MMT Is a methodology within A.K. utilizing an isolated muscle challenge to access neurological function and memory of the central integrative state of the ventral horn of the spinal cord and the sum total of synaptic activity of both excitatory and inhibitory fibers. It functions as a neurological assessment tool allowing a practitioner access to biological processes.
NL / CR	Neurolymphatic reflexes also known as Chapman Reflexes CR are skin surface reflexes that facilitate lymphatic drainage of both muscle and corresponding organ(s), originally developed in the 1930's by Dr. Frank Chapman, Osteopath.
NV	Neurovascular reflexes are skin surface reflexes that facilitate vascular drainage of both muscle and corresponding organ(s), originally developed in the 1930's by Dr. Terence Bennett, chiropractor.
TL	Therapy Localization is unique phenomena of A.K., which allows a practitioner the ability scan reflexes in real time for physiological and energetic imbalances.
IM	Indicator muscle is often used to facilitate a specific procedure or scan.
ESR	Emotional Stress Reflex also known as the stomach NV points.
Gait	The walking or running posture and its associated neuro-muscular activity.
TNRR	Tonic Neck Righting Reflexes.
Cloacals	Cloacal reflexes are the primitive centering reflexes of the pelvis.
Ocular	Ocular reflexes are the head righting reflexes responsible for orientating to the horizon.
V.C.	Visual Centers are bilateral points located on skull directly posterior to the eyes. V.C. is primarily used as a diagnostic enhancement tool.
Labyrinthine	Labyrinthine reflexes are the head righting reflexes responsible for orientating to gravity.
TS Line	Temperal-Sphenoidal Line is a diagnostic area outlining the sphenoid bone where it intersects with the Temporal bone as developed by Dr. M L Rees, Chiropractor.
Chiropractic	An alternative health care profession that has as its core philosophy, the facilitation of the body's own resources to restore health. It incorporates an eclectic methodology.