NMT UC Sensory-Motor Pathway - Expanded (SMP-E)

H-MB = human mind-body

M-MB = microbial mind-body

H/M-MB = human/microbial mind-body = H/M mind-body

1) TFS (transformed-from state) and TTS (transformed-to states) of the system:

a) **The TFS (transformed-from system state):** Create a brief statement that describes the subject system in terms of current undesirable conditions and behaviors. Emphasize system characteristics related to the subject matter of this NMT clinical pathway. The subject system is usually the mind-body of the person we are working with, but the concepts of any NMT pathway may be applied as a lens through which to observe and transform any system, e.g., we might view the conditions and behavior of some corporation or business through the lens of any NMT clinical pathway. Static MRT (muscle response test) for the total system burden (TSB) that this state seems to the body as a $\log_{10}1000$ metric.

b) **The TTS (transformed-to system state):** Create a brief statement that describes the subject system in an idealized, perfected, healed, and transformed state, with emphasis on characteristics related to the subject matter of this NMT clinical pathway. Static MRT for the TSB (total system burden) that this state seems to the body as a $\log_{10}1000$ metric.

c) Apply the following UCS (universal correction statement) with the intention to resolve any IFs (information faults) that may constitute an obstacle to manifesting the intended transformation: **"Shall the H/M-MB now: Project its awareness, attention, belief, and intention into all times and dimensions of the undivided universal field of consciousness and identify, accept, and release attunement to all events, IFs, and IFs-h (IFs that hide subject IFs from awareness) that compromise awareness of, or define into existence, the transformed-from system state? <MRT-S-a>, "Or, that cause this transformation to seem dangerous, undeserved, or impossible to achieve? <MRT-S-a>, "Create awareness, acceptance, attunement, and belief of all corrective events and TrIQs (transformative information quanta) to define into existence the transformed-to system state? <MRT-S-a>, "Create the intention to collapse the quantum potential of the field's reality quanta to**

manifest this transformation? <MRT-S-a>, "Create optimal attunement and coherence to the source of creation, innate intelligence, and the consciousness of healing and accept the role of co-creator of all experienced reality, NOW?" <MRT-D-c>,

2) **"Shall the H/M-MB now: Project its awareness, attention, belief, and intention into all times and dimensions of the undivided universal field of consciousness and efficiently survey subject system conditions related to the following queries? <MRT-S-a>, "Identify, accept, and release attunement to all events, IFs, and IFs-h** (IFs that hide subject IFs from awareness) **that define into existence the transformed-from system state? <MRT-S-a>, "Or, that cause this transformation to seem dangerous, undeserved, or impossible to achieve? <MRT-S-a>, "Create awareness, acceptance, attunement, and belief of all corrective events and TrIQs to define into existence the transformed-to system state? <MRT-S-a>, "Create the intention to collapse the quantum potential of the field's reality quanta to manifest this transformation? <MRT-S-a>, "Create optimal attunement and coherence to the source of creation, innate intelligence, and the consciousness of healing and accept the role of co-creator of all experienced reality, NOW?" <MRT-D-c>,** Hold this MRT intention for each section that follows. Refresh this awareness and intention with each MRT pulse. The dynamic MRT end point signals that the survey is complete, awareness is optimal, and this transformation is to be informationally realized.

"Shall the mind-body now allow optimal awareness and correction of the following conditions with attention to CNS, Autonomous NS, and cell and cell network information processing?":
(autonomous N.S. = Sympathetic N.S., Parasympathetic N.S., Enteric N.S., Autonomous N.S. of the spinal cord, Autonomous N.S. of the spinal cord, Autonomous N.S. of the spinal cord, Autonomous N.S. of the heart, Lymphatic-Immune Information Processing System)

a) **"Conditions of mind-body orientation in present-time and present-space consciousness?" <MRT-S-a>, "Conditions of NMT practitioner – client therapeutic entanglement, mind-body dialog and response?" <MRT-S-a>, "Present-time awareness and autonomic response to environmental conditions of danger, safety, and opportunity for beneficial social engagement?" <MRT-S-a>, "Optimize present-time-space orientation, therapeutic entanglement, mind-body awareness, signaling dialog, and response and attunement to all TrIQs and corrective events required to manifest the transformed-to system state as experienced reality?" <MRT-D-c>,**

b) **“Adverse mental and emotional posturing that contributes to the transformed-from system state with attention to: Pathophysiologically anchored or inappropriate emotional, psychological, spiritual, or intellectual tone or mode of the mind-body?” <MRT-S-a>, "Any pathophysiological trance state?” <MRT-S-a>, “Any adverse interpersonal or other entanglement or enmeshment that distracts from present-time consciousness?” <MRT-S-a>, “Habituation to a catabolic HPA axis stress mode?” <MRT-S-a>, “Adverse morphic field attunement to any exogenous consciousness entity that distracts from present-time consciousness?” <MRT-S-a>, “Optimize conditions of the sovereign H/M-MB in this regard for optimal therapeutic efficacy to manifest and maintain the TTS?” <MRT-D-c>,**

c) **“Awareness of the sensory-motor system, existing at all levels of organization of the H/M-MB and serving to encode stimuli that represent all aspects of physical experience in life that the H/M-MB has the capacity to be aware of?” <MRT-S-a>, “The creation and flow of sensory stimuli to neurological awareness structures of the CNS and ANSs that serves to inform the generation of purposeful motor function, constituting an efficient adaptation to such life experience, and without which motor responses cannot be generated?” <MRT-S-a>, “That sensory-motor interactions exist at the whole body level in which morphologically specialized cells in all tissues are coupled with specially adapted nerve endings to constitute stimulus specific sensory end organs for recognizing, encoding, and transmitting such stimuli to CNS and ANS structures that interpret their meaning and determine the opportunity for beneficial adaptation to the circumstances they signify, and that generate motor signal to affect such adaptation?” <MRT-S-a>, “That sensory-motor interactions exist at the cellular level where morphologically specialized cell membrane receptor molecules and specialized proteins in the cell cytoplasm, with variable sensitivity threshold, serve as cellular sensory end organs informing the cell of its biochemical life experience and directing cell nucleus genetic and mitochondrial adaptive physical, chemical, and metabolic “motor” responses?” <MRT-S-a>, “That sensory-motor interactions exist at the molecular level, informed and driven by the morphogenic resonances of the involved chemistries, in which H/M-MB chemistries, particularly proteins, enzymes, and microtubule constructions, maintain awareness of cellular conditions and execute adaptive physical and chemical molecular motor responses to the flow of present-time life experience?” <MRT-S-a>, “Optimize sensory-motor physiology at all levels of H/M-MB organization to create accurate, timely, and appropriate awareness of and efficient adaptation to the flow of life experience?” <MRT-D-c>, Optimize the**

timely, appropriate, and integrated function of sensory-motor processing at all levels of H/M-MB organization, with attention to the homeostatic neuroplasticity of memory maintenance operations of encoding and consolidation of STM and the accessing, destabilization, and reconsolidation of LTM memory to correlate archival memory to physiologically significant present-time conditions - and with attention to the manifestation of the TFS and obstruction of the TTS?" <MRT-S-a>,

d) "Any compromise of awareness of the cellular apparatus for protein translation of any mRNA positioned upon cell ribosomes and rough endoplasmic reticulum, causing synthesis of the protein signified by that mRNA and its packaging for distribution by the Golgi complex?" <MRT-S-a>, "Potential protein synthesis from normal cell RNA, from the RNA of cancerous or otherwise diseased cells, and from viral RNA?" <MRT-S-a>, "The proteasome structure in the cytoplasm through which all translated proteins are passed and the resulting fragmentation of a small portion of each specific translated protein molecule into peptides characteristic of the protein from which they were cleaved?" <MRT-S-a>, "Host cell behavior to present each such peptide as an epitope attached to a cell membrane major histocompatibility complex protein (MHC) and constituting a record of all present-time host cell proteins production (human or viral)?" <MRT-S-a>, "T-cell monitoring and awareness of every body cell, and cell membrane presented host cell proteins and their significance representing normal cells, diseased cells, or viral infected cells, and T-cell coordination of an optimal immune response to viral infected, malignant, or severely diseased cells, and sparing of normal host cells?" <MRT-S-a>, "Proteasome fragmentation of a small percentage of all cell synthesized proteins into peptides representing the "mother" proteins, displaying those peptides to patrolling T-cells and other immune cells, and in the case of viral infection to represent both external viral proteins and those enfolded into the virus package of infected host cells?" <MRT-S-a>, "Optimize cellular mechanisms of molecular level sensory-motor physiology to present characteristic peptides to the adaptive immune system to direct an efficient response to viral infection, and to trigger apoptosis in cells whose peptide signatures indicate the cells is a threat to the body, and to direct reparative and protective behavior toward injured host cells?" <MRT-D-c>,

e) "The neurological motor system consisting of the cerebral motor cortex where upper motor neurons receive the result of neurological weighing of the meaning and significance of sensory

experience and generate motor signal to execute appetitive and aversive responses to life experiences?" <MRT-S-a>, The presence in the motor cortex of upper motor neurons to innervate skeletal muscle, muscle fibers that adjust the sensitivity of muscle spindle cells, and corticomotor neurons to integrate complex motion of the hands, cardiac muscle, vascular smooth muscle, and glands, all of which synapse with lower motor neurons of the cord?" <MRT-S-a>, "The presence of lower motor neurons: somatic motor neurons that innervate skeletal muscle, special visceral motor neurons that innervate facial expression, mastication, phonation, and swallowing via oculomotor III, trochlear IV, abducens VI, and hypoglossal XII cranial nerves, and general visceral motor neurons (splanchnic nn) that synapse in the cord with autonomic ganglia to innervate cardiac muscle and smooth muscles of visceral arteries, sweat glands (via sympathetic NS), and other glands?" <MRT-S-a>, "The presence of motor end organs of variable response threshold consisting of neuromuscular junctions with skeletal muscle, vascular smooth muscle, and cardiac muscle and junctions with glands?" <MRT-S-a>, "Tissue trophic influences of motor stimulation on muscle and other tissues and the atrophic tissue influence of diminished motor tone and stimulation?" <MRT-S-a>, "The influence of the limbic system to overlay the process of determination of motor responses according to the present-time experience of emotional tone, and alter that motor response in a manner reflective of the character of the involved emotions, e.g., core extensor muscles inhibited with depression, or facilitated with anger, immune and hormonal anabolic or catabolic emotional effects?" <MRT-S-a>, "The motor end organs of cellular sensory-motor physiology consisting of the spectrum of genetic chemistries that are activated or inactivated to produce metabolic chemical motor response?" <MRT-S-a>, "The motor end organs of molecular sensory-motor physiology consisting of enzymes, proteins, and other chemical structures that are changed by their interaction with the chemicals that target them?" <MRT-S-a>, "Optimize the integrated function of the motor system at all levels of H/M-MB organization to create timely, efficient, and integrated appetitive and aversive motor response to the biological significance of the sensory system's display of present-time life experience?" <MRT-D-c>,

f) "Any inappropriately high or low threshold of stimulation of any SEO to life experience, at all levels of organization of the H/M-MB (whole body, cellular, and molecular) that generates sensory stimulus signal provoking invalid perception of present-time life experience that is not structured to accurately inform an a timely, efficient, and proportional adaptive motor response, with attention to manifestation of the TFS and/or obstruction of the TTS?" <MRT-S-a>, "Pathophysiological cellular level SEO conditions,

with attention to the morphology, population density, and sensitivity threshold of cell membrane receptors and signaling proteins that recognize and respond to the flow of cell metabolic conditions, with attention to manifestation of the TFS and obstruction of the TTS?" <MRT-S- a>, "Pathophysiological molecular level sensory activity that compromises optimal cell metabolic conditions?" <MRT-S- a>, Optimize mind-body sensory awareness, SEO sensitivity threshold and signaling dialog, and the resulting motor response, at all levels of H/M-MB organization to eliminate TFS conditions and manifest the TTS?" <MRT-D-c>, Use the SMP-E Worksheet to generate metrics for SEO activity of clinical interest.

g) **"The lifetime accumulation and archiving of historical biologically significant sensory experience and the value of this library of successful physiological responses to patterns of stimuli representing familiar tasks and challenges to increase sensory-motor efficiency and minimize unnecessary data processing demands on the CNS?" <MRT-S- a>, "CNS capacity to improve sensory stimuli data processing efficiency by basing 99% of motor signaling decisions on the memory of successful physiological responses to familiar patterns of stimuli and requiring only 1% of sensory flow representing new or unique stimuli to be processed for determination of motor stimulus?" <MRT-S- a>, "The capacity to modulate sensory stimulus and/or motor signal, incrementally, at any location along its transmission path, to facilitate it - moving it forward to other neurons, or to inhibit it - not allowing the signal's progression to another neuron?" <MRT-S- a>, "Optimize the threshold of sensitivity of all SEOs and the threshold of response for all MEOs for the accurate and efficient determination of experienced stimuli and timely, appropriate, and proportional generation of motor response stimuli, with attention to homeostatic neuroplasticity and the efficiency of related memory functions of encoding, consolidation, accessing, destabilization, and reconsolidation of memory to correlate physiologically significant memory to present-time conditions?" <MRT-D-c>, "Optimize the facilitation and inhibition of sensory and motor signal to perfectly model neurological signal for interpretation of H/M-MB sensory experience and adaptive motor response, with attention to eliminate TFS conditions and manifest the TTS?" <MRT-D-c>,**

h) **"Awareness of the autonomous nervous systems, anatomically distinct from the central nervous system (CNS) and including the sympathetic nervous system (SNS) managing alert, alarm, catabolic defensive physiology, and homeodynamics; the parasympathetic nervous system (PNS)**

managing circulation, pain perception, visceral regulation, homeodynamics, and SSLUDD (sexual arousal, salivation, lacrimation, urination , digestion, and defecation) – PNS working generally in oppositional balance with the SNS; Enteric nervous system (ENS) - gut embedded nuclei and axons regulating integrated function of digestive organs; Autonomous nervous system of the heart – e.g. sinoauricular node (SA) signaling heart rhythm in concert with SNS/PNS inputs; autonomous nervous system of the spinal cord – neurons and ganglia in the cord that produce intermediate regulation between the brain and body; Lymphatic-Immune Information Processing System (LIIPS) – information processing and signaling capacities of immune cells and lymphatic glands, nodes, and ganglia - making ad hoc synapses with other immune cells and with neurons to inform neuroimmune motor response?" <MRT-S- a>, "Signals from autonomic (vagus n.) or other sensory nerves that produce reflex motor signal responses, local to the stimulus or at a distance and causing pain, pathophysiological blood and lymph perfusion, or other pathophysiology, with attention to manifestation of the TFS and obstruction of the TTS?" <MRT-S-a>, "Autonomic nerve triggering of a catabolic stress mode in any organ or tissue system, with attention to vagus nerve influences?" <MRT-S- a>, "The capacity of the parasympathetic system (vagus n.) to produce an autonomic shutdown response in a tissue, organ, or system?" <MRT-S-a>, "Optimize the timely, appropriate, and integrated function of all autonomous nervous systems and the CNS, with attention to their homeostatic neuroplasticity of memory maintenance operations of encoding and consolidation of STM and the accessing, destabilization, and reconsolidation of LTM memory to correlate archival memory to physiologically significant present-time conditions?" <MRT-D-c>,

i) "Endotoxemia, the toxic influence of bacterial lipopolysaccharides, or other microbial, metabolic, or undefined toxins producing cord level stimulation of sensory ganglia or other neurological structures and resulting in pain in distant areas served by the affected neurological resources, or other influences of neurological intoxication that produce inaccurate sensing of or response to present-time life experience?" <MRT-S-a>, "Optimize cell intelligence and awareness of toxic disruption of neurological resources?" <MRT-D-c>, "Optimize all cellular enzymatic and oxidative detoxification mechanisms, with attention to the conjugation of toxins to glutathione and other biotransformation chemistries to improve their hydrophilic characteristics and facilitate transport to liver or other emunctory routes?" <MRT-D-c>,

j) **“The cortical and subcortical circuitry of the central autonomic network (CAN), primarily the bilateral insular cortex, anterior cingulate cortex, amygdala, and hypothalamus that serves as regulatory control hub of the autonomic nervous system (ANS=SNS+PNS)?” <MRT-S- a>, “Insular cortices that specialize in polymodal sensory, cognitive, affective, and autonomic integration?” <MRT-S-a>, “CAN populations of polymodal sensory neurons, each capable of processing a broad range of different sensory inputs via cell membrane molecular SEOs and to interpret the biological significance of sensory experiences with the external universe and appropriately recruit functional networks for appetitive or aversive motor responses, as part of the salient network?” <MRT-S- a>, “Optimize the timely, appropriate, and integrated function of the CAN to efficiently correlate ANS regulation to present-time experience, with attention to homeostatic neuroplasticity and the efficiency of related memory functions of encoding, consolidation, accessing, destabilization, and reconsolidation of memory to correlate physiologically significant memory to present-time conditions?” <MRT-D-c>,**

k) **“The presence in the brain of oscillating (<.1 to >150 Hz) neurological timing circuits serving as both pacemaker and accumulator (elapsed time), essential to establish the chronological matrix upon which ordered and sequenced physiology may proceed?” <MRT-S-a>, “The distribution of these integrated timing circuits in the frontal cortex, basal ganglia, parietal cortex, cerebellum, and hippocampus?” <MRT-S-a>, “The involvement of the cerebellum with both subcortical and cortical areas in integrating, and refining sensory-motor function and building an archive of cerebellar contribution to efficient sensory-motor physiology to inform the modeling of present-time sensory-motor activity?” <MRT-S- a>, “Optimize cerebellar contribution to present-time sensory-motor activity and to maintaining synchronization and congruence of subcortical and cortical mapping of the body and its present-time condition, with attention to eliminate TFS conditions and manifest the TTS?” <MRT-D-c>,**

l) **“The routing of all sensory stimuli to the CNS with attention to stimuli routed only to subcortical brain structures, routed only to the neocortex, and those routed to both subcortical and neocortical brain structures?” <MRT-S- a>,“The potential for local insult to subcortical and/or neocortical brain structures from mechanical injury to the head and neck, infection, tumor, autoimmune, toxicity, metabolic disease, stress, trauma, or other cause, with attention to shear stresses of mechanical injury, to cause diffuse axonal injury (DAI) or other compromise resulting in**

conflict or incongruence of subcortical versus cortical interpretation of H/M-MB present-life experience?" <MRT-S- a>, "The effect of this incongruent mapping of present-time body conditions driven by the dominance of primitive subcortical versus neocortical structures in conflicted control scenarios, with attention to manifestation of the TFS or obstruction of the TTS?" <MRT-S- a>, "The potential for varying degrees of synesthesia ranging from the sense impression typically related to one particular SEO produced by stimulation of another SEO to lesser degrees of sensory commingling that degrade the contrast and distinction of sensations and the accuracy of physiological motor responses?" <MRT-S- a>, "Efficiently survey, recognize, and catalog for each category of sensory stimulus conditions of subcortical versus cortical conflict or incongruence and the degree to which stimuli are subject to synesthesia?" <MRT-S- a>, "Produce an optimal integrated and congruent subcortical versus cortical interpretation of physical experience to generate accurate and efficient motor responses to the present-time flow of distinctly perceived sensory stimuli?" <MRT-D-c>, Use the SMP-E Worksheet to generate metrics for subcortical-cortical incongruence. Including metrics for sensory stimuli categories of interest:

visual - y: n: , afferent tactile - y: n: , efferent tactile - y: n: , barometric - y: n: , olfaction-taste-chemosensing - y: n: , auditory - y: n: , vestibular - y: n: , visceral, vasomotor, and/or lymphatic system - y: n: , interoceptive - y: n: , musculoskeletal and connective tissues - y: n: , stimuli that signal thirst - y: n: , stimuli that signal hunger - y: n: , stimuli that signal O2 satiety - y: n: , proprioception - y: n: , temperature - y: n: , hot - y: n: , cold - y: n: ; Synesthesia of sensory stimuli produced by or contributing to conflict or incongruence y: n:

m) **"Mind-body comprehension of an arbitrary organizational matrix to inform practitioner-client NMT dialog via MRT in regard to specific regions of the brain and the character of activity to which the region is engaged?" <MRT-S-a>, "The overall shape of the brain simplified to a domed top cone shape in which the narrow end represents brainstem and reptilian brain structure, expanding to mid-brain nuclei, and mushrooming into the cerebral and cerebellar cortices?" <MRT-S-a>, "The x-y-axes of this model (top down view) divided radially into 8 spokes (8-hour clockface) and numbered on the right hemisphere posterior to anterior 1-4 and left hemisphere posterior to anterior 5-8, the division of this pie shape by 3 rings into a central circle and 3 equally spaced concentric rings numbered 1-4 (central to peripheral), and divided ?" <MRT-S-a>, The z-axis division into 4 zones from brainstem (1) to cerebral-cerebellar cortexes (4) by concentric curved lines echoing the outer curve of the brain, resulting in 128 functional areas?" <MRT-D-a>,**

n) **Use the SMP-E worksheet to identify brain regions and autonomous N.S.'s regions representing any of the 128 brain regions involved in producing incongruent and/or conflicting subcortical versus cortical interpretation of present-time experience and mapping of H/M-MB conditions. Serial repetition of the SMP-E will impact the TSB of many other NMT Pathways by improving the accuracy of H/M-MB sensory awareness of the conditions it is experiencing and the available opportunities for effective motor adaptation.** The 128 brain regions are identified simply by 3 numerals – the radian (1-8), the x-y ring (1-4), and the z-ring (1-4), e.g. a peripheral cortical region of the right posterior brain near the midline would be 1,4,4. A brainstem depth, central, right anterior region would be 8,1,1.

3) "Shall the mind-body now: Project its awareness, attention, belief, and intention into all times and dimensions of the undivided universal field of consciousness and identify, accept, and release attunement to all events, IFs, and IFs-h (IFs that hide subject IFs from awareness) that define into existence the transformed-from system state?" <MRT-S-a>, "Or, that cause this transformation to seem dangerous, undeserved, or impossible to achieve?" <MRT-S-a>, "Create awareness, acceptance, attunement, and belief of all corrective events and TrIQs to define into existence the transformed-to system state?" <MRT-S-a>, "Create the intention to collapse the quantum potential of the field's reality quanta to manifest this transformation?" <MRT-S-a>, "Create optimal attunement and coherence to the source of creation, innate intelligence, and the consciousness of healing and accept the role of co-creator of all experienced reality, NOW?" <MRT-D-c>. Refresh this awareness and intention with each MRT pulse. The dynamic MRT end point signals that the survey is complete, awareness is optimal, and this transformation is now informationally realized.

4) Optionally: **"After fully applying the therapeutic intention of this correction, mind-body projection of the TSB metric for the TFS is $\log_{10}$1000 L- ___?" <MRT-S-a>,**

a) If the resulting projected TSB is not acceptable: **"Would it be of benefit to now reapply the therapeutic intention of this correction 1000 times in the next 10 seconds?" <MRT-D-c>.** If yes, make a correction, holding this intention and reapplying the UCS.

b) Recheck the question, **"After fully applying the therapeutic intention of this correction,**

mind-body projection of the TSB metric for the TFS is $\log_{10}$1000 L- ___?" <MRT-S-a>. If MRT suggests it would be of value, make the correction again. "Would it be of benefit to now reapply the therapeutic intention of this correction 1000 times in the next 10 seconds?" <MRT-D-c>, and so on, until an acceptable level of correction has been reached.