Functional Neurological Network Pathway (FNNP) Worksheet

Name (Last, first):	Date:

TFS:

TSB:

TTS:

TSB:

Sensory Functions and their TSB for cortical-subcortical incongruence or conflict of sensory signaling and processing that adversely influences FFN morphology and/or physiology:

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

TSB for the contribution to the manifested TFS of wave frequency range categories:

Frequency range Nested Hierarchy of FNNs	**TSB Pre:**	**TSB Post:**
Ultra-slow Delta(.001 mHz - >1.0 Hz)		
Delta & Sub-Delta: (~ 0.5 – 4 Hz):		
Theta: (~ 4 – 7.5 Hz):		
Alpha: (~ 7.5 – 12.5 Hz):		
Mu waves (~ 12.5 – 15 Hz):		
Beta: (~ 15 – 38 Hz):		
Beta 1 (~12.5 Hz – 15 Hz):		
Beta 2 (~ 15 Hz – 23 Hz):		
Beta 3 (~ 23 Hz – 40 Hz):		
Gamma: (~ 38 – 100 Hz):		

Name (Last, first): Date

Functional Neurological Networks of The Brain

Functional networks may resonate cross the layout of brain regions or other neurological structures and we include autonomous NSs. Naming of 128 brain sectors is by radian, layer, and ring. We are testing for neurological regions contributing to FNN dysfunction.

Autonomous Nervous System Organization into Functional Networks

Sympathetic N.S.	☐	☐	☐	☐	☐	☐ + ; ☐ -
Parasympathetic N.S.	☐	☐	☐	☐	☐	☐ + ; ☐ -
Spinal cord	☐	☐	☐	☐	☐	☐ + ; ☐ -
Enteric N.S.	☐	☐	☐	☐	☐	☐ + ; ☐ -
ANS of the heart	☐	☐	☐	☐	☐	☐ + ; ☐ -
LIIPS – cells, glands, channels	☐	☐	☐	☐	☐	☐ + ; ☐ -
	☐	☐	☐	☐	☐	☐ + ; ☐ -
	☐	☐	☐	☐	☐	☐ + ; ☐ -

Radian# P to A R 1-4 L 5-8	X-Y ring 1-4 Pick one	Z-ring 1-4 Pick one t0 four	Network morphology	Symmetry of network	Blood perfusion of network tissues	Amplitude of waveform	Dynamic modeling of waveform	Excessive (+) or diminished (-) network activity
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -
	1 ☐ 2 ☐ 3 ☐ 4☐	1 ☐ 2 ☐ 3 ☐ 4☐	☐	☐	☐	☐	☐	☐ + ; ☐ -