

Indicate if pain is: (S) Sharp (A) Aching (B) Burning (N) Numbness (D) Dull $\quad$ (S) Shooting Pain (PN)Pins and Needles (T) Throbbing

## SPINAL CORD

$\bullet$ Neck or Back Pain •Weakness of Back Muscles With Walking of Standing •Bilateral Extremity (arms or legs) Issues •Muscle Weakness •Disk Injury or Surgery •Car Accidents. •Visceral (organ) Dysfunction $\bullet m T B I / C o n c u s s i o n ~ \bullet W h i p l a s h / S e a t b e l t ~ T r a u m a . ~ \bullet S t e n o s i s ~ D i a g n o s i s ~$

## CEREBELLUM - SPINOCEREBELLUM

- Balance Issues •Like To Use Handrails •Careful on Stairs •Scoliosis
- Sway to One Side Stand or Walk •Prone to Falls • Unsteady in the Dark


## CEREBELLUM - CEREBROCEREBELLUM

$\bullet$ Terminal Tremors •Clumsiness - Hands \& Feet • Tripping
$\bullet$ Decreased Tone in Limbs (weaker leg or arm) • Increased Heart Rate • Orthostatic Hypotension $\bullet$ Possible Vertigo •Cognitive Dysfunction

## CEREBELLUM - VESTIBULOCEREBELLUM

$\bullet$ Dizziness •Disorientation •Poor Spinal Stability (sway or lean with standing/walking)
$\bullet$ Back Muscles Fatigue Easily • Vertigo or Motion Sickness
-Anxiety/Dislikes Crowds • Tinnitus • Increased Heart Rate

- Orthostatic Hypotension


## BRAINSTEM

- Visual Issues (CN 3). • Droopy Eyelids (CN 3) • Teeth / Gum pain (CN 5)
$\bullet$ Chewing food is loud (CN 5). • Flutter or Flickering Sound in Ear (CN 5)
- Ear pain or Fullness in Ear (CN 5). • Ear Pain when lying on it sleeping (CN 5)
- TMJ (CN 5) • Front Headaches/ Migraines (CN 5). • Taste Issues (CN 7/9)
$\bullet$ swallowing issues (CN 7). • Hearing Issues (CN 8). • Balance Issues (CN 7)
$\bullet$ Light \& Sound Sensitivity. (CN 7). • Dry mouth /Trouble Swallowing (CN 7)
$\bullet$ Decreased Gut Motility (CN 10) • Any Stomach or Intestinal Conditions (CN 10) •Heartburn (CN 10)
- Cold Hands or Feet • one side of body Pain History • one side of body Injury History. •Scoliosis
$\bullet$ Hypertension •High Heart Rate •Sweat More one side of body


## RECEPTORS

- Numbness or Tingling (Peripheral Neuropathy) •Nerve Damage • Previous Orthopedic Injuries
$\bullet$ Surgical Sites •Scars • Tattoos • Loves Compression Gear
$\bullet$ Overstretch Injury •Chronic Muscle Weakness •Muscular Atrophy
$\bullet J o i n t ~ I n s t a b i l i t y ~ \bullet N e r v e ~ P a i n ~ \bullet N u m b n e s s ~ o r ~ T i n g l i n g ~ \bullet S k i n ~ f e e l s ~ d i f f e r e n t ~ s i d e ~ t o ~ s i d e ~ o n ~ a r m s ~ o r ~ l e g s ~$


## THALAMUS

-Chronic Pain •Repetitive Head Trauma • Mood Swings

- Arm or Leg Burning or Achy pain •Scoliosis • Loss of Multiple Sensations in Arms and Legs
$\bullet$ Movement Tics •Motor Learning Deficits •Impairment of Exec Function
- Apathy •Problems w/Word Retrieval • Slow Movements
$\bullet$ Difficulty Initiating Mvmt • Tremors at Rest • Cramping of Hands or Feet


## OCCIPITAL LOBE

$\bullet$ Loss of Color Vision •Difficulties Identifying Color •Decreased Movt Perception
$\bullet$ Poor Visuospatial Processing • Poor Eye-Hand Coordination • Poor Eye-Foot Coordination
$\bullet$ Floaters • Halos in Visual Fields • Decreased Peripheral Awareness
$\bullet$ Visual Hallucinations • headaches with reading/computer dry eyes •eye strain • head injuries/concussions,
$\bullet$ avoid physical sports •sound sensitivity • sun sensitivity ( need to wear glasses outside) •blurry eye(s), - Fluorescent lights sensitivity

## INSULA

- Irritable Bowel Syndrome •Chronic GERD (Heart Burn) • Anxiety
- Motion Sickness • Depression • PTSD •Eating Disorders
$\bullet$ Lack of Body Ownership •Exercise Intolerance •Difficulty Judging Pain Int
$\bullet$ Chronic Stomach Bloating • Inappropriate Cry or Laugh • Vertigo/Vestibular Issues
$\bullet$ Over awareness of Heart Beat •Swallowing Dysfunction •Chronic Immune Issues
$\bullet A D H D \bullet P e l v i c ~ F l o o r ~ D y s f u n c t i o n ~$

These Questions are optional if you are tired of writing:

## TEMPORAL LOBE - AUDITORY

-Deficits in Auditory Discrimination • Avoid Noisy Environments
-Difficulty Understanding Imprecise Speech Patterns • Inability to Localize Sounds
$\bullet$ Tinnitus •Auditory Hallucinations • Need to Look at Speaker's Mouth to Understand

- Constant Ear Preference for Phone Use


## Left side

- Dislike Predictable, Rhythmic Tempos - (Left) •Difficulty Understanding Meaning of Speech (Left)


## Right side

$\bullet$ Dislike Unpredictable Rhythms - (Right) •Monotone Speech (Right)
MEDIAL TEMPORAL LOBE - HIPPOCAMPUS
$\bullet$ Memory Deficits •Confusion About Time •Difficulty with Dates
$\bullet$ Cannot Mentally Relive Day •Altered Circadian Rhythms •Olfactory Deficits
Right Side
-Can't Remember Addresses •Difficulty with Visual Memory
$\bullet$ Difficult to Remember Faces •Often Misplaces Items (Keys)
Left Side
$\bullet$ Difficulty Linking Names to Faces $\bullet$ Difficulty Remembering Words
$\bullet$ Difficulty Remembering Numbers $\bullet$ Hard to Be on Time

## PARIETAL LOBE - SOMATOSENSORY

-Contralateral Sensory Loss •Frequently Bump into Things •Repetitive Injuries Same Area
$\bullet$ Hypersensitive to Touch/Pain •Lack of Spatial Awareness •Localized Tingling - Periodic

## PARIETAL LOBE - INFERIOR LOBULE

$\bullet$ Left Side Dominant 97\% •Reading Deficits •Problems with Writing
$\bullet$ Right/Left Confusion •Difficulty with Calculations •History of Dyslexia

## Right Side

$\bullet$ Difficulty Recognizing Shapes •Simple Drawings Are Difficult •Difficulty Interpreting Maps
Left Side
$\bullet$ Poor Handwriting •Mental Calculation Difficult •Right/Left Confusion •Hard to "Find" Words

FRONTAL LOBE - PFC, DLPFC \& ORBITOFRONTAL
$\bullet$ Decreased Focus Capacity •Difficulty Making Decisions •Emotional Instability
$\bullet$ Decreased Attention Span •Poor Organizational Ability •ADHD
$\bullet$ Difficulty Initiating Tasks •Low Mood •Depressive Episodes

- Inability to Create Logical Sequences •Excessive Risk Taking
$\bullet$ Lack of Behavioral Restraint •Difficulty Finishing Things •Lack of Clear Goals
- Apathy •Perseveration


## Right Side

$\bullet$ Lack Creativity or Intuition •Does Not Enjoy Art or Music

## Left Side

$\bullet$ Analytical Thinking Deficits •Math or Time Difficulties •Sequencing Deficits
PARIETAL LOBE - SOMATOSENSORY
$\bullet$ Contralateral Sensory Loss •Frequently Bump into Things •Repetitive Injuries Same Area
$\bullet$ Hypersensitive to Touch/Pain •Lack of Spatial Awareness •Localized Tingling - Periodic

## FRONTAL LOBE - PRECENTRAL \& SMA

$\bullet$ Difficulty Initiating Movement •Arm or Leg Heaviness •Arm or Leg Muscle Tension
$\bullet$ Reduced Muscle Endurance •Noticeable Side-to-Side Difference in Strength or Muscle Tension
$\bullet$ Poor Manual Dexterity •Difficulty Following Rhythm •Poor Core Stability

- Bladder Control Problems

