# Circle and describe if you have had pain or injuries to any of these areas:

Name:
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## **Headaches**

TMJ

# **Right Shoulder**

Pain with movements

Injuries Surgeries Broken/fractures

## **Right Elbow**

Pain with movements

Injuries Surgeries Broken/fractures



## **Left Shoulder**

Pain with movements

Injuries Surgeries Broken/fractures

## **Left Elbow**

Pain with movements

Injuries Surgeries Broken/fractures

# Right Wrist/hand

Pain with movements

Injuries Surgeries Broken/fractures

# Left Wrist/hand

Pain with movements

Injuries Surgeries Broken/fractures

# Right Hip

Pain with movements

Injuries Surgeries Broken/fractures

# Neck

Pain with movements

Injuries Surgeries

# **Left Hip**

Pain with movements

Injuries Surgeries Broken/fractures

# Right Knee

Pain with movements

Injuries Surgeries Broken/fractures

# Mid Back

Pain with movements

Injuries Surgeries

#### Left Knee

Pain with movements

Injuries Surgeries Broken/fractures

# Right Ankle/Foot

Pain with movements

Injuries Surgeries Broken/fractures

# Low Back

Pain with movements

Injuries Surgeries

# **Left Ankle/Foot**

Pain with movements

Injuries Surgeries Broken/fractures

# Does pain radiate down

R L Arm(s) R L leg(s)

<u>Indicate if pain is:</u> (S) Sharp (A) Aching (B) Burning (N) Numbness (D) Dull (S) Shooting Pain (PN)Pins and Needles (T) Throbbing

#### SPINAL CORD

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
 ◆mTBI/Concussion ◆Whiplash/Seatbelt Trauma. ◆Stenosis Diagnosis

#### **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

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

## **CEREBELLUM – VESTIBULOCEREBELLUM**

- ◆Dizziness
  ◆Disorientation
  ◆Poor Spinal Stability (sway or lean with standing/walking)
- 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)
- 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)
- •swallowing issues (CN 7). Hearing Issues (CN 8). Balance Issues (CN 7)
- •Light & Sound Sensitivity. (CN 7). Dry mouth /Trouble Swallowing (CN 7)
- 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
- ◆Hypertension
  ◆High Heart Rate
  ◆Sweat More one side of body

#### **RECEPTORS**

- Numbness or Tingling (Peripheral Neuropathy)
  Nerve Damage
  Previous Orthopedic Injuries
- ●Surgical Sites ●Scars Tattoos Loves Compression Gear
- ●Overstretch Injury ●Chronic Muscle Weakness ●Muscular Atrophy
- ●Joint Instability ●Nerve Pain ●Numbness or Tingling ●Skin feels different side to side on arms or legs

#### **THALAMUS**

- ◆Chronic Pain
  ◆Repetitive Head Trauma
  ◆ Mood Swings
- ◆ Arm or Leg Burning or Achy pain
  ◆ Scoliosis
  ◆ Loss of Multiple Sensations in Arms and Legs
- Movement Tics
  Motor Learning Deficits
  Impairment of Exec Function
- ●Apathy ●Problems w/Word Retrieval Slow Movements
- ◆Difficulty Initiating Mvmt
  ◆ Tremors at Rest
  ◆ Cramping of Hands or Feet

## **OCCIPITAL LOBE**

- Loss of Color Vision
  ◆Difficulties Identifying Color
  ◆Decreased Movt Perception
- Poor Visuospatial Processing
  Poor Eye-Hand Coordination
  Poor Eye-Foot Coordination
- ●Floaters Halos in Visual Fields Decreased Peripheral Awareness
- ◆Visual Hallucinations
  ◆ headaches with reading/computer dry eyes
  ◆ eye strain
  ◆ head injuries/ concussions,
- 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
- Lack of Body Ownership Exercise Intolerance Difficulty Judging Pain Int
- ◆Chronic Stomach Bloating Inappropriate Cry or Laugh Vertigo/Vestibular Issues
- Over awareness of Heart Beat ◆Swallowing Dysfunction ◆Chronic Immune Issues
- ●ADHD ●Pelvic Floor Dysfunction

# 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
- ●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

◆Dislike Unpredictable Rhythms - (Right)
 ◆Monotone Speech (Right)

## **MEDIAL TEMPORAL LOBE – HIPPOCAMPUS**

- Memory Deficits ●Confusion About Time ●Difficulty with Dates
- •Cannot Mentally Relive Day •Altered Circadian Rhythms •Olfactory Deficits

# Right Side

- ◆Can't Remember Addresses
  ◆Difficulty with Visual Memory
- Difficult to Remember Faces ●Often Misplaces Items (Keys)

## Left Side

- ◆Difficulty Linking Names to Faces
  ◆Difficulty Remembering Words
- ●Difficulty Remembering Numbers ●Hard to Be on Time

# PARIETAL LOBE - SOMATOSENSORY

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

## **PARIETAL LOBE - INFERIOR LOBULE**

- Left Side Dominant 97% Reading Deficits Problems with Writing
- ●Right/Left Confusion ●Difficulty with Calculations ●History of Dyslexia

# Right Side

◆Difficulty Recognizing Shapes
 ◆Simple Drawings Are Difficulty Interpreting Maps

## Left Side

●Poor Handwriting ●Mental Calculation Difficult ●Right/Left Confusion ●Hard to "Find" Words

## FRONTAL LOBE - PFC, DLPFC & ORBITOFRONTAL

- Decreased Focus Capacity Difficulty Making Decisions Emotional Instability
- Decreased Attention Span ●Poor Organizational Ability ●ADHD
- ◆Difficulty Initiating Tasks
  ◆Low Mood
  ◆Depressive Episodes
- Inability to Create Logical Sequences
  ●Excessive Risk Taking
- Lack of Behavioral Restraint Difficulty Finishing Things Lack of Clear Goals
- Apathy Perseveration

## Right Side

● Lack Creativity or Intuition ● Does Not Enjoy Art or Music

## Left Side

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

# FRONTAL LOBE - PRECENTRAL & SMA

- ●Difficulty Initiating Movement ●Arm or Leg Heaviness ●Arm or Leg Muscle Tension
- ●Reduced Muscle Endurance ●Noticeable Side-to-Side Difference in Strength or Muscle Tension
- Poor Manual Dexterity
  ◆Difficulty Following Rhythm
  ◆Poor Core Stability
- •Bladder Control Problems

