

Brain Region Localization Form

INSTRUCTIONS:

In order for this form to function properly, **you MUST save to your desktop**. Once the form has been downloaded to your desktop, fill out the form and hit **SUBMIT**. The purpose of this questionnaire is to identify difficulties that you may be experiencing. Please answer every question, do not skip any questions. Follow the 0 to 4 key, and select which best fits for all of your answers.

NAME:

DATE:

KEY

- 0 = I never have symptoms (0% of the time)
- 1 = I rarely have symptoms (Less than 25% of the time)
- 2 = I often have symptoms (Half of the time)
- 3 = I frequently have symptoms (75% of the time)
- 4 = I always have symptoms (100% of the time)

Frontal lobe Prefrontal, Dorsolateral and Orbitofrontal (Areas 9, 10, 11 and 12)	0	1	2	3	4
1. Difficulty with restraint and controlling impulses or desires					
2. Emotional instability (lability)					
3. Difficulty planning and organizing					
4. Difficulty making decisions					
5. Lack of motivation, enthusiasm, interest and drive (apathetic)					
6. Difficulty getting a sound or melody out of your thoughts (Perservation)					
7. Constantly repeat events or thoughts with difficulty letting go					
8. Difficulty initiating and finishing tasks					
9. Episodes of depression					
10. Mental fatigue					
11. Decrease in attention span					
12. Difficulty staying focused and concentrating for extended periods of time					
13. Difficulty with creativity, imagination and intuition					
14. Difficulty in appreciating art and music					
15. Difficulty with analytical thought					
16. Difficulty with math, number skills and time consciousness					
17. Difficulty taking ideas, actions, and words and putting them in a linear sequence					

Frontal lobe Precentral and Supplementary Motor Areas (Areas 4 and 6)	0	1	2	3	4
18. Initiating movements with your arm or leg has become more difficult					
19. Feeling of arm or leg heaviness, especially when tired					
20. Increased muscle tightness in your arm or leg					
21. Reduced muscle endurance in your arm or leg					
22. Noticeable difference in your muscle function or strength from one side to the other					
23. Noticeable difference in your muscle tightness from one side to the other					
Frontal lobe Broca's Motor Speech Area (Area 44 and 45)	0	1	2	3	4
24. Difficulty producing words verbally, especially when fatigued					
25. Find the actual act of speaking difficult at times					
26. Notice word pronunciation and speaking fluency change at times					
Parietal Somatosensory Area and Parietal Superior Lobule (Areas 3, 1, 2 and 7)	0	1	2	3	4
27. Difficulty in perception of position of limbs					
28. Difficult with spatial awareness when moving, laying back in a chair, or leaning against a wall					
29. Frequently bumping body or limbs into the wall or objects accidentally					
30. Reoccurring injury in the same body part or side of the body					
31. Hypersensitivities to touch or pain perception					

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Parietal Inferior Lobule (Areas 39 and 40)		0	1	2	3	4
32. Right/left confusion						
33. Difficulty with math calculations						
34. Difficulty finding words						
35. Difficulty with writing						
36. Difficulty recognizing symbols or shapes						
37. Difficulty with simple drawings						
38. Difficulty interpreting maps						
Temporal Lobe Auditory Cortex (Areas 41 and 42)		0	1	2	3	4
39. Reduced function in overall hearing						
40. Difficulty interpreting speech with background or scatter noise						
41. Difficulty comprehending language without perfect pronunciation						
42. Need to look at someone's mouth when they are speaking to understand what they are saying						
43. Difficulty in localizing sound						
44. Dislike of predictable rhythmic, repeated tempo and beat music						
45. Dislike of non-predictable rhythmic music with multiple instruments						
46. Noticeable ear preference when using your phone			Right	Left	No preference	
Temporal Lobe Auditory Association Cortex (Area 22)		0	1	2	3	4
47. Difficulty comprehending meaning of spoken word						
48. Tend toward monotone speech without fluctuations or emotions						

Medial Temporal lobe and Hippocampus		0	1	2	3	4
49. Memory less efficient						
50. Memory loss that impacts daily activities						
51. Confusion about dates, the passage of time, or place						
52. Difficulty remembering events						
53. Misplacement of things and difficulty retracing steps						
54. Difficulty with memory of locations (addresses)						
55. Difficulty with visual memory						
56. Always forgetting where you put items such as keys, wallet, phone, etc.						
57. Difficulty remembering faces						
58. Difficulty remembering names with faces						
59. Difficulty with remembering words						
60. Difficulty with remembering numbers						
61. Difficulty remembering to stay or be on time						
Occipital Lobe (Areas 17, 18 and 19)		0	1	2	3	4
62. Difficulty in discriminating similar shades of color						
63. Dullness of colors in visual field						
64. Difficulty coordinating visual inputs and hand movements, resulting in an inability to efficiently reach out for objects						
66. Floater or halos in visual field						

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Cerebellum - Spinocerebellum	0	1	2	3	4
67. Difficulty with balance, or balance that is worse on one side					
68. A need to hold the handrail or watch each step carefully when going down stairs					
69. Feeling unsteady and prone to falling in the dark					
70. Proneness to sway to one side when walking or standing					
Cerebellum - Cerebrocerebellum	0	1	2	3	4
71. Recent clumsiness in hands					
72. Recent clumsiness in feet or frequent tripping					
73. A slight hand shake when reaching for something at the end of movement					
Cerebellum - Vestibulocerebellum	0	1	2	3	4
74. Episodes of dizziness or disorientation					
75. Back muscles that tire quickly when standing or walking					
76. Chronic neck or back muscle tightness					
77. Nausea, car sickness or sea sickness					
78. Feeling of disorientation or shifting of the environment					
79. Crowded places cause anxiety					
Basal Ganglia Direct Pathway	0	1	2	3	4
80. Slowness in movements					
81. Stiffness in your muscles (not joints) that goes away when you move					
82. Cramping of hands when writing					
83. A stooped posture when walking					
84. Voice has become softer					
85. Facial expression changed leading people to frequently ask if you are upset or angry					

Basal Ganglia Indirect Pathway	0	1	2	3	4
86. Uncontrollable muscle movements					
87. Intense need to clear your throat regularly or contracts					
88. Obsessive compulsive tendencies					
89. Constant nervousness and restless mind					
Autonomic Reduced Parasympathetic Activity	0	1	2	3	4
90. Dry mouth or eyes					
91. Difficulty swallowing supplements or large bites of food					
92. Slow bowel movements and tendency for constipation					
93. Chronic digestive complaints					
94. Bowel or bladder incontinence resulting in staining your underwear					
Autonomic Increased Sympathetic Activity	0	1	2	3	4
95. Tendency for anxiety					
96. Easily startled					
97. Difficulty relaxing					
98. Sensitive to bright or flashing lights					
99. Episodes of racing heart					
100. Difficulty sleeping					

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INSTRUCTIONS:

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Epileptiform Activity	Yes	No
Have you ever been diagnosed with seizure disorder?		
Have you ever been diagnosed with epilepsy?		
Have you ever been told that you seem frozen, absent or tuned out at times without any recollection of the event?		
Have you ever experienced sudden muscle stiffness and rigidity throughout your body?		
Have you ever experienced sudden muscle jerks throughout your body?		
Have you ever experienced a total loss of your muscle tone that lead to loss of control of your muscles or a fall?		
Have you ever been told that you stare into space while lip smacking, chewing or fidgeting that you are not aware of?		
Do you ever experience sudden emotional responses such as anxiety, sadness, crying or laughing for no reason?		
Do you ever experience sudden racing heart rate, sudden loss of bladder function, intestinal spasms, respiration, sweating or any other sudden changes of function?		
Do you ever experience sudden involuntary muscle contractures or jerks in any individual part of your limbs or face?		
Do you ever experience sudden involuntary head rotation and your eyes move forcefully to one side?		
Do you ever experience sudden involuntary shift in your eyes to the side or upwards?		
Do you ever experience sudden vocalization of random words or notice a sudden inability to speak?		
Do you ever experience any spontaneous sensations of tingling, pins and needles numbness, coldness, burning or other random sensations in any region of your body?		
Do you ever experience a ringing sensation in your ears (tinnitus), sounds or voices spontaneously?		
Do you ever experience spontaneous perception of smells such as burning rubber, foul smells or other odors without finding the source of the odor?		
Do you ever experience flashing lights, stars or jagged lines in your visual field?		

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