



# Brain Region Localization Form

## INSTRUCTIONS:

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 (Perseveration)					
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 <span style="float: right;">R</span>					
14.	Difficulty in appreciating art and music <span style="float: right;">R</span>					
15.	Difficulty with analytical thought <span style="float: right;">L</span>					
16.	Difficulty with math, number skills and time consciousness <span style="float: right;">L</span>					
17.	Difficulty taking ideas, actions, and words and putting them in a linear sequence <span style="float: right;">L</span>					

Frontal Lobe Precentral and Supplementary Motor Areas (Area 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.	Difficulty 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					



# Brain Region Localization Form

## INSTRUCTIONS:

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.

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)

Parietal Inferior Lobule (Area 39 and 40)		0	1	2	3	4
32.	Right/left confusion <input type="checkbox"/> L					
33.	Difficulty with math calculations <input type="checkbox"/> L					
34.	Difficulty finding words <input type="checkbox"/> L					
35.	Difficulty with writing <input type="checkbox"/> L					
36.	Difficulty recognizing symbols or shapes <input type="checkbox"/> R					
37.	Difficulty with simple drawings <input type="checkbox"/> R					
38.	Difficulty interpreting maps <input type="checkbox"/> R					
Temporal Lobe Auditory Cortex (Areas 41, 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 left predictable rhythmic, repeated tempo and beat music <input type="checkbox"/> L					
45.	Dislike of non-predictable rhythmic with multiple instruments <input type="checkbox"/> R					
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 <input type="checkbox"/> L					
48.	Tend toward monotone speech without fluctuations or emotions <input type="checkbox"/> R					

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) <input type="checkbox"/> R					
55.	Difficulty with visual memory <input type="checkbox"/> R					
56.	Always forgetting where you put items such as keys, wallet, phone, etc. <input type="checkbox"/> R					
57.	Difficulty remembering faces <input type="checkbox"/> R					
58.	Difficulty remembering names with faces <input type="checkbox"/> L					
59.	Difficulty with remembering words <input type="checkbox"/> L					
60.	Difficulty remembering numbers <input type="checkbox"/> L					
61.	Difficulty remembering to stay or be on time <input type="checkbox"/> L					
Occipital Lobe (Area, 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					



# Brain Region Localization Form

## INSTRUCTIONS:

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.

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.	Proness 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					

## 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)

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 contract a group of muscles					
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					