

SITE	BRODMANN AREA	FUNCTION
Fpz	10, 11, 32	Emotional Inhibition Oversensitive, Impulsive Motivation & Attention
Fp1	10, 11, 46	Cognitive Emotional Valencing- Lateral Orbital Frontal Irritability, Intrusive, Depression Social Awareness- Approach Behaviors
Fp2	10, 11, 46	Emotional Inhibition- Lateral Orbital Frontal Impulsivity, Tactlessness, Mania Social Awareness- Avoidance Behaviors
F7	45, 47, 46	Working Memory- Visual & Auditory Divided & Selective Attention- Filtering Broca's Area- Semantic Short Term Buffer (Word Retrieval)
F8	45, 47, 46	Prosody Working Memory- Spatial & Visual, Gestalt Facial Emotional Processing Sustained Attention
F3	8, 9, 46	Short Term Memory- Verbal Episodic Retrieval Facial Recognition, Object Processing Planning & Problem Solving- Wisconsin Card Sort (rigidity)
F4	8, 9, 46	Short Term Memory- Spatial/Object Retrieval Vigilance Area- Selective & Sustained Attentional Area
Fz	8, 6, 9	Personality Changes Intention & Motivation- Poverty of Speech, Apathy Possible Anterior Cingulate- Internal vs External Attention Basal Ganglia Output
C3	3, 1, 4	Sensory & Motor Functions
C4	3, 1, 4	Sensory & Motor Functions
Cz	6, 4, 3	Sensory & Motor Functions
T3	42, 22, 21	Language Comprehension- Verbal Understanding Wernicke's Area- Inner Voice Long Term Memory- Declarative & Episodic Processing Event Sequencing- Visualization Amygdala/Hippocampal Area
T4	42, 22, 21	Personality- Emotional Tonality (anger, sadness) Categorization & Organization Visualization Auditory Cortex
T5	39, 37, 19	Meaning Construction- Angular Gyrus Acalcula Short Term Memory
T6	39, 37, 19	Facial Recognition- Emotional Content. Amygdalic connection.
P3	7, 40, 19	Digit Span Problems Information Organization Problems Self- boundaries Excessive Thinking
P4	7, 40, 19	Visual processing- Spatial Sketch Pad, Vigilance Personality- Excessive Self-concern, Victim Mentality Agnosia, Apraxia, Context Boundaries, Rumination
Pz	7, 5, 19	Attentional Shifting- Perseverance Self-Awareness, Orientation Association Area Agnosia, Apraxia
O1, O2	18, 19, 17	Visual Processing Procedural Memory, Dreaming
Oz	18, 17, 19	Visual Processing, Hallucinations