	Healthy Brain	Injured Brain
Frontal		
Lobe		
Parietal		
Lobe		
Occipital		
Lobe		
Temporal		
Lobe		
Cerebellum		
Brainstem		

Changes in Breathing Difficulty Swallowing food and water Problems with balance and movement Dizziness and nausea (vertigo)	Vision	Defects in vision or blind spots Blurred vision Visual illusions/hallucinations Difficulty reading and writing
Loss of movement (paralysis) Repetition of a single thought Unable to focus on task Mod swings, irritability, impulsiveness Changes in social behavior and personality Difficulty with problem solving Difficulty with language; can't get the words out (aphasia)	Personality/emotions Intelligence Attention/concentration Judgment Body movement Problem solving Speech (speak & write)	Difficulty understanding language and speaking (aphasia) Difficulty recognizing faces Difficulty identifying/naming objects Problems with short- and long-term memory Changes in sexual behavior Increased aggressive behavior
Speech (understanding language) Memory Hearing Sequencing Organization	Breathing Heart Rate Alertness	Difficulty distinguishing left from right Lack of awareness or neglect of certain body parts Difficulties with eye-hand coordination Problems with reading, writing, naming Difficulty with mathematics
Difficulty coordinating fine movements Difficulty walking Tremors Dizziness (vertigo) Slurred Speech	Balance Coordination	Sense of touch, pain, and temperature Distinguishing size, shape and color Spatial perception Visual perception