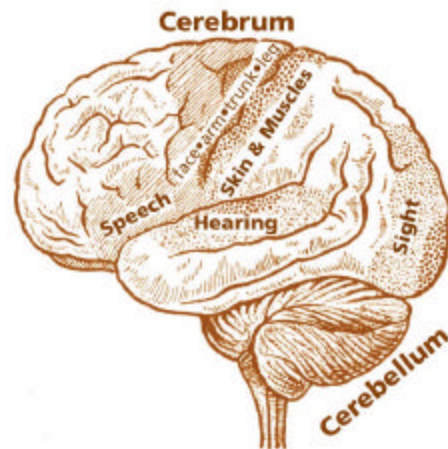


Right/Left Brain Functions

All human functions are distributed either in the right or left hemisphere of the brain. The brain ignores the under-stimulated hemisphere, resulting in a loss of function of that side of the brain. These are not chemical imbalances rather functional physiological imbalances.

With treatment, our goal is to balance out activity in both hemispheres. To achieve this, it is necessary to use hemisphere-specific stimulations such as motor, sensory, and cognitive modalities directed toward the under-stimulated hemisphere. The Maximum Achievement Program is designed to address this imbalance and administer treatment in the form of stimulation to the under-functioning hemisphere of the brain.

The chart below represents some of the functions of the right and left hemispheres of the brain of a well-balanced individual. Some of the conditions that stem from loss of function of the right hemisphere include: ADD/ADHD, OCD, Tourette's, Asperger's and Autism.



It is the cerebellum that is responsible for the growth and development of the higher brain. It controls the coordination of all muscle movements, specifically those of the eye and spine that provide a sense of balance.

Without proper stimulation of the cerebellum, a child will not only develop poor balance and coordination but also poor higher cognitive and behavioral functions.

Left Brain Functions

- Language based skills - comprehension, vocabulary, phonics
- To think and reason
- Auditory processing - verbal memory
- Meaning - to understand what something means
- Word association - categorization and patterning
- Sequencing - determining the correct order
- Calculations (basic Math)
- Listening and counting - counting backwards from 30 by 5
- ABC patterning
- Reading verbally as well as silently
- Fine motor skills
- Social motivation
- Details and facts
- High frequency sound, light & movement

Right Brain Functions

- Expression (faces of people) - thinking, non-verbal communication
- Shapes (pictures)
- Reading comprehension
- Complex math reasoning
- Judging time and comparing
- Music - listening
- Behaviors - attention, motivation
- Appraisal of social worth, attachment/ bonding, species survival activities
- Drawing figure eight's
- Artistic abilities
- Color patterning
- Holding attention
- Puzzle aptitude - trace a maze
- Social behavior
- Responds to low frequency sounds or movement
- Gross motor skills & postural muscles



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Call for more information regarding breakthrough research on this topic and positive results achieved with stimulation through the MAP Program.