

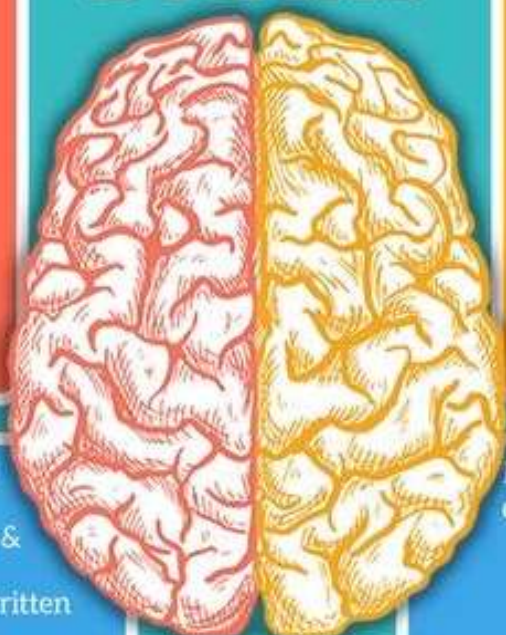
# Stroke Topic: Brain Function Left vs Right

Have you ever wondered what each side of the brain controls? Have you ever wondered why injuries, strokes, etc. to a specific side of the brain affect the opposite side of the body? The brain is an amazing organ and below you can see some of the functions of the left brain versus right brain and what symptoms can occur due to an injury to that specific side.

## LEFT SIDE

- Speaking
- Reading
- Writing
- Listening
- Grammar
- Number skills
- Computation skills
- Analyzing information
- Reasoning
- Logic
- Sequential thinking
- Time awareness
- Controls right side of body

# YOUR BRAIN



## RIGHT SIDE

- Organizing information
- Abstract meaning
- Context
- Spatial relationships (like map reading or shape recognition)
- Visual information
- Face recognition
- Intuition
- Emotion
- Imagination
- Detecting motion
- Music & art awareness
- Controls left side of body







**Injuries on the left side of the brain can cause:**

- Difficulty understanding spoken & written language
- Difficulty expressing spoken & written language
- Changes in speech
- Verbal memory issues
- Impaired logic
- Sequencing difficulties

**Injuries on the right side of the brain can cause:**

- Impairments in attention
- Left neglect
- Memory issues
- Decreased awareness of deficits
- Loss of "big picture" thinking
- Altered creative or music perception

## Know the signs...Call for help

					
<b>BALANCE</b>	<b>EYES</b>	<b>FACE</b>	<b>ARMS</b>	<b>SPEECH</b>	<b>TIME</b>
Look for balance or leg weakness	Check for signs of visual changes	Look for an uneven smile	Check if one arm is weak	Listen for changes in speech	Call 911 at the first sign. Time is brain!



For more information about Stroke please scan the code or visit American Stroke Associations website at [stroke.org](http://stroke.org)



**American Stroke Association.**  
A division of the American Heart Association.