Purpose
Our studies use functional Magnetic Resonance Imaging (fMRI) to investigate how brain functions are reorganized in children and adults who have had strokes.

What is fMRI?
Magnetic Resonance (MR) Imaging allows us to take detailed pictures of your brain without using invasive procedures. There is absolutely no radiation exposure!
In order to see how your brain processes language and other cognitive skills, we take functional MR images while you play some computer games. This allows us to observe patterns of brain activity as you participate in the games.

What would I be asked to do?
Participation usually involves three visits to the Georgetown University Medical Center campus (travel expenses paid). There are two parts to our studies:
A. Evaluation: We will assess some of your language, thinking, and motor skills.
B. fMRI: We will take pictures of your brain while you play games in up to three scanning sessions, each less than one hour long.

If you choose to participate:
• You will help us to understand how stroke affects language, thinking, and motor skills.
• You will help us to gather information that may improve treatments to help stroke patients recover better.
• You will be paid for your time.

Who can participate?
You may be eligible if you are:
✓ Age 11 and up: teens & young adults welcome!
✓ Able to undergo functional MRI while awake and playing computer games,
AND EITHER had a stroke more than a year ago
OR are a sibling of similar age

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Scan QR code to learn more!

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