

RIGHT BRAIN / LEFT BRAIN

<https://www.google.com/search?q=right+brain+vs+left+brain&ie=UTF-8&oe=UTF-8&hl=en-us&client=safari>

With the brain damage, for example, on one side of the brain rather than the other. You could see specific kinds of damage in cognitive functioning (executive functioning). An example, damage to the left hemisphere would have a direct impact on the capacity to organize experience into logical sequences. Since the Broca area is on the left side, it would create difficulty in translating feelings and perceptions into words. Without being able to perceive sequences, we can't identify cause and effect, or grasp the long-term effects of our actions, or create coherent plans for the future.

Brain damage to the visual cortex could cause distinct damage depending upon whether it was the right or left hemisphere.

Brodmann area 19 is involved in higher-order visual processing, such as:

- Interpreting shape, motion, and depth
- Integrating visual input with memory
- Visual recognition and spatial processing

Right vs. left differences (functional emphasis)

While BA 19 exists bilaterally, each side tends to emphasize different aspects:

- **Right BA 19:**
- Visuospatial processing
- Motion, depth, spatial relationships
- "Where things are"
- **Left BA 19:**
- Visual detail and symbolic processing
- Object recognition related to language
- "What things are" (especially for reading-related tasks)