

Handout for Living with Limited, Yet Unlimited, Memory

Objective 1: Name common memory problems associated with epilepsy and brain injuries.

Generalized Seizures / Epilepsy involve all parts of the brain.

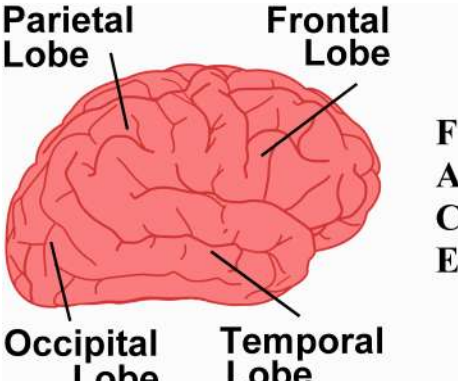
Partial/Focal Seizures / Epilepsy involve a specific lobe/part of the brain.

Will's seizures have all been from the Temporal Lobes.

Memory is the main duty of the Temporal Lobes.

Left Temporal Lobe is important for verbal memory (things you hear) such as learning names, remembering facts for exams, etc.

Right Temporal Lobe is important for visual memory (things you see) like remembering a person's face.

<p>Brain consists of two halves called right and left Hemispheres.</p> <p>Each Hemisphere has 4 parts called Lobes.</p> <p>The lobes are named Frontal, Temporal, Parietal, and Occipital Lobes.</p>	 <p>Parietal Lobe</p> <p>Frontal Lobe</p> <p>Occipital Lobe</p> <p>Temporal Lobe</p> <p>F A C E</p>
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Objective 2: Demonstrate memory loss assistive devices to aid daily living.

Important devices discussed: GPS, Smartphone, Computer, Livescribe Pen, Sticky Notes

Objective 3: Explain how the new responsive neurostimulation medical device can aid memory by reducing seizures.

The RNS System looks for abnormal brainwaves that cause my seizures. When it detects my abnormal electrical patterns, it responds by sending brief pulses to instantly disrupt the abnormal electrical activity before the seizure fully develops. Less seizures mean better memory for me. Please check out www.NeuroPace.com for more information about this FDA approved treatment.

Post Presentation Evaluation Test Questions:

1. Which lobes of the brain are most important for memory? Answer: Temporal Lobes
2. Name two common assistive devices used to cope with memory loss.
Answers: GPS, Smartphone, Livescribe pen, Sticky notes, Pillbox, Computer, Timers
3. Where on the Internet can I find more information about the RNS System Treatment for Epilepsy?
Answer: NeuroPace.com website, PacingMyBrain.com website

Living with Limited, yet Unlimited, Memory	
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