

## Disclaimer

This lecture is simply the view from a parent's perspective and not the view of the Epilepsy Foundation or the Hemispherectomy Foundation. The lecture is for informational purposes only and it is not intended to be a substitute for professional medical advice, diagnosis or treatment. Always seek the advice of your physician or other qualified health provider with any questions you may have regarding a medical condition. Never disregard professional medical advice or delay in seeking it.

## Objectives

- To share a first-hand account of various brain injuries of a child.
- To share various rehabilitation therapies utilized to help with neuroplasticity.
- To share various skills learned to help with independence.

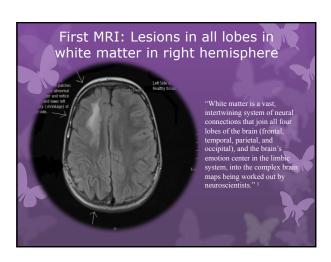
## Journey of Brain Trauma/Injuries Apnea/Blue Spells at Birth New onset seizures and epilepsy diagnosis Lesions in all lobes in right hemisphere Rasmussen's Encephalitis Atrophy in right hemisphere Hemispherectomy Brain Surgery Cortical Dysplasia Asymptomatic hydrocephalus Returned seizures/spells 2<sup>nd</sup> Brain Surgery (ETV)



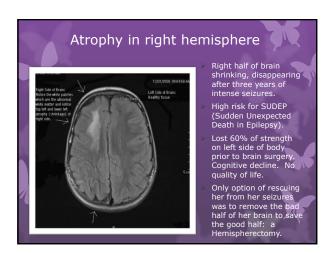




## First Seizure RMC Seizure History May 22nd, 2006: Day of very first seizure. Mom was at her Grandma's funeral visitation. Back at home, around 2:30 p.m., she was standing on the platform of the Little Tikes slide in the backyard outside, she then kneeled down with face down on the platform drooling. She then "passed out". She laid herself down, her lips were a light purple. The babysitter said her name twice and she woke up, but was still dazed and disoriented. The babysitter took her to the house and laid her down on the living room floor. The babysitter went to get Dad, who was sleeping in the house. Dad picked her up and rocked her in the chair. She was passed out for less than a minute, and was lethargic and confused for a period of time after. No jerking, no shaking.







Rasmussen's Encephalitis
"Rasmussen's encephalitis (RE) is a rare neurological disease that causes intractable epileptic seizures, cognitive deficits and paralysis of 1/2 of the body. The disease process typically runs its course over a 1 to 2 year period during which time one half of the body is rendered useless — hemipelegia — and epileptic seizures continue unabated.
RE typically affects previously normal children aged between two and ten years. An unusual feature of the disease that sets it apart from other inflammatory diseases of the central nervous system, is that it is usually confined to one hemisphere of the brain. RE is resistant to standard antiseizure medicines thus making possible the only known "cure" for the condition — a surgical hemispherectomy — the removal or disconnection of the affected side of the brain. The surgery in most cases stops the seizures, but at a high cost to the quality of life for the individual." <sup>2</sup>

