

History

- No history of febrile seizures, meningitis, encephalitis, or head trauma.
- No family history of epilepsy or any other neurological issues.
- Not currently employed, but did graduate from high school.
- Currently taking college courses for computer programming.
- Lives at home with his mom, dad and three brothers.
- Denies tobacco, alcohol, or illicit drugs.
- Current AEDs: Oxcarbazepine 900mg twice daily & Lacosamide 100mg twice daily.
- Prior AEDs: Zonisamide and Levetiracetam.

UT Health San Antonio





















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Electrocorticography (ECoG)

- Multiregional (frontal opercular, inferior parietal, and mesial temporal) onset with evidence of interictal discharges spanning the temporal lobe.
- A subcortically located irritative lesion could propagate to these regions without necessarily spreading to the surface.
- We identified probable Broca's and Wernicke's area and these sites were distant from the lesion.
- Intraoperative ECoG revealed resolution of the left frontal opercular and parietal irritability after removal of the temporal lesion, but interictal epileptiform discharges persisted in the anteromedial temporal lobe, suggesting potential dual pathology.

5 Week Follow Up • Pathology results were consistent with a ganglioglioma (WHO grade 1). • No seizures or auras were reported since the surgery. · No observed deficits, headaches, cognitive issues, hearing difficulties, or any other symptoms. Neuro exam continued to be non-focal. • Oxcarbazepine 600 mg twice daily and Lacosamide 100mg twice daily were continued. • Will consider AED taper to monotherapy after 3-6 months if seizure free and after a repeat EEG. • Serial brain MRI imaging. Neuro-oncology and neurosurgery follow up. 😾 UT Health UT Health





