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Neurological Surgery Second Opinion - Extended Written Report

Date: 2022-11-04

Patient: Jane Doe

Discussion:

This appears to be a case of absence epilepsy. Absence epilepsy is a form of childhood seizure disorder.

The first diagnostic procedure to do would be to do an EEG. The EEG can utilize a provoking measure such as hyperventilation. The EEG in absence epilepsy is classic and shows a 3Hz Spike and wave pattern. If this is seen, then the diagnosis is absence epilepsy. Depending on the age of the child, an MRI would be indicated to make sure there are no structural lesions or causes of this epilepsy. Otherwise the treatment involves the use of anti epileptic medications such as ethusuximide, lamotrigine, or valproic acid. In general absence epilepsy is well controlled with medications, and many children outgrow it.

Such a patient should establish with a pediatric neurologist for ongoing treatment and monitoring

Recommendations:

EEG results?

Age?

Exam results

MRI results

Questions:

Were all the above done?

What does the EEG show?

What does the MRI show?

References:

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Neurology

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