Brain Source Localization Pipeline

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Epileptic Seizures → High Resolution EEG → Diagnosis

Where is the source of epilepsy for the patient?

Treatment Options

Medication Effective for 70% of patients

Helps to avoid Invasive EEG for Diagnosis

Used to help with Surgical Treatment

Source Localization Pipeline

Image Acquisition and Processing → Segmentation and Classification of Tissues → Tetrahedral Meshing for a Volume Model → EEG Signals and Electrode Positions → Source Localization Simulations

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