A total of 330 patients with LEAT were surgically treated during 2008-2020.

Excluded:
- 5 cases had initial tumor resection at outside institutions;
- 3 cases had a history of y-knife radiosurgery;
- 2 cases had a history of vagus nerve stimulation;
- 3 cases had a history of radiofrequency thermocoagulation;
- 22 cases had no EEG evaluations;
- 8 cases had incomplete clinical data.

A total of 287 patients with LEAT were enrolled in the study.

29 cases had follow-up time < 12 months.

A total of 258 patients with seizure and neurological outcomes were analyzed.