

Participant	Sex	Age	Age group [‡]	Diagnosis	Additional Clinical notes
1	F	1	Infancy	Left precentral gyrus FCD	Surgical resection confirmed ILAE Type 2B FCD on pathology
2	F	1	Infancy	Left frontal FCD	Surgical resection confirmed ILAE Type 2B FCD on pathology
3	F	8	Middle childhood/school age	Right sylvian fissure/superior temporal gyrus	Surgical resection confirmed ILAE Type 2B FCD on pathology
4	M	10	Middle childhood/school age	Abnormal PET and non-lesional MRI	Left perirolandic hypometabolism concordant with EEG, without MRI correlate
5	M	11	Middle childhood/school age	Extensive right hemispheric abnormalities	DADA2-related disorder with remote right hemispheric infarct and postoperative right frontal/parietal encephalomalacia
6	F	12	Middle childhood/school age	Temporal lobe epilepsy with non-lesional MRI	Left temporal hypometabolism concordant with EEG and SPECT
7	F	12	Middle childhood/school age	Left gyrus rectus FCD	Biopsy suspicious but not definitive for left gyrus rectus ILAE Type 2A FCD. Left temporal seizure onset also recorded in epilepsy monitoring unit.
8	M	13	Adolescence	Mesial Temporal Sclerosis	Right temporal lobe epilepsy with right mesial temporal sclerosis and tectal glioma
9	F	14	Adolescence	Polymicrogyria	Right lateral temporal, parietal, and occipital polymicrogyria
10	M	14	Adolescence	Focal cortical dysplasia	Right precentral sulcus focal cortical dysplasia with subtle or threshold-negative PET abnormality
11	F	16	Adolescence	Subtle focal cortical dysplasia	Left frontal seizure onset with suspected medial left frontal focal cortical dysplasia; treated with LITT
12	M	17	Adolescence	Neoplasm	BRAF V600E-mutant low-grade neuroepithelial tumor in the right anterior inferior temporal lobe; seizure-free after resection
13	F	17	Adolescence	Sturge Weber Syndrome	Sturge-Weber syndrome sequelae involving the left occipital and posteromedial temporal regions
14	M	18	Late adolescence	Suspected subtle FCD	Left precentral sulcus thickening with questionable, nonspecific z-score map correlate

Abbreviations: ILAE, International League Against Epilepsy; DADA2, Deficiency of adenosine deaminase 2; EEG, Electroencephalography; F, Female; FCD, Focal cortical dysplasia; LITT, Laser interstitial thermal therapy; MRI, Magnetic resonance imaging; M, Male; MTS, Mesial temporal sclerosis; PET, Positron emission tomography; SPECT, Single-photon emission computed tomography; TLE, Temporal lobe epilepsy.

[‡] Participants were stratified into five developmentally defined pediatric age groups: infancy (0–1 year), early childhood/preschool age (2–5 years), middle childhood/school age (6–12 years), adolescence (13–17 years), and late adolescence (18–19 years).