

	Age, Gender	Age at epilepsy diagnosis, Age at LITT	Epilepsy Risk Factors	Seizure Types	LITT Side	MRI	PET	Intracranial EEG prior to LITT	Wada test	SPECT	Outcome (Engel outcome, % seizure reduction, follow up time (month))
1	54, F	30,53	remote brain mass resection	CPS	L	L MTS	diffuse L temporal	no	unreliable results	none	IA,100%,8
2	38, M	26,37	L occipital stroke at birth	CPS	L	L mesial occipital encephalomalacia + L hippocampal atrophy without MTS	L mesial occipital extending into L cingulate & L parietal	yes	Language: R Memory: R>L	L hemispheric origin but not localizing	IA ,100%,16
3	55, F	2,55	L hemispheric stroke at age 2	CPS	L	L MTS + remote L hemispheric infarct	diffuse L temporoparietal	no	Language: R Memory: unreliable results	none	IA ,100%,11
4	41, F	36,41	Remote intracranial toxoplasmosis	CPS	L	L MTS+ progressive multifocal leukoencephalopathy	diffuse L hemispheric sparing occipital	no	none	none	IB,>90%,8
5	50, M	10,49	none	CPS&SPS	R	R MTS	R mesial and inferior temporal	no	Language: R Memory: non-lateralizing	none	IB,>90,19
6	30, F	23,29	remote resected cavernoma	CPS&SPS	L	encephalomalacia in L mid-superior temporal gyrus (resected cavernoma) without MTS	diffuse L temporal	yes (L lateral temporal seizure onset with early spread to L hippocampus)	Language: L Memory: R>L	none	IB,>90,8
7	37, M	34,35	none	CPS	L	L MTS	L mesial temporal	no	Language: L Memory: R>L	none	IIB,>80%,10
8	54, M	13,52	Infantile febrile seizures	CPS	L	L MTS	normal	no	Language: L Memory: non-lateralizing	none	IIB,>90%,18
9	35, M	19,33	remote CMV encephalitis followed by autoimmune encephalitis	CPS&SPS	R	Non-lesional	diffuse R temporal	yes (R mesial temporal seizure onset)	Language: L Memory: L	none	IIB,>80,14
10	34, M	7,32	Brain anoxic injury at birth	CPS	L	L MTS	diffuse L temporal	no	Language: L Memory: non-lateralizing	none	IIB,>90,14
11	46, M	3,45	Infantile febrile seizures and intellectual disability	CPS	R	R MTS and L ant temp lesion (? Low grade glioma or neuroglioma tumor)	R anterior temporal	yes (R amygdala seizure onset)	Language: L Memory: R>L	R anterior and mid temporal origin	IIB,>90,14
12	72, M	49,71	none	CPS	L	L lateral temporal mass extending into uncus & amygdala without MTS	L anterior and mesial temporal	no	Language: L Memory: unreliable results	none	IVA,20%,7
13	33, M	27,31	none	CPS	L	Non-lesional	diffuse L mid to inferior temporal	yes	Language: L Memory: L>R	none	IVB,0%,22
14	71, M	50,70	none	CPS	L	L MTS and mild R hippocampal atrophy without MTS	R mesial temporal	yes, prior b/l/ temporal RNS placement	Language: L Memory: R	none	IVA,20,8

Table 1. summary of the clinical, diagnostic workup and outcome information for all the 14 patients. LITT: Laser interstitial thermal therapy, L:left, R:right, CPS: complex partial seizure (focal seizure with impaired awareness), SPS: simple partial seizure (focal seizure with preserved awareness), MTS: mesial temporal sclerosis, MRI: Magnetic resonance Imaging, PET: positron emission tomography, SPECT: single-photon emission computed tomography