

Supplementary Table 1. Detailed patient description.

	JME	SF	nSF
	(n = 36)	(n = 21)	(n = 15)
Age at epilepsy onset (years), mean (SD)	14.28 (3.39)	14.57 (3.38)	13.87 (3.46)
Duration of epilepsy (years), mean (SD)	6.65 (4.56)	5.11 (3.41)	8.80 (5.17)
Time since last seizure (months), mean (SD)	35.72 (49.64)	59.10 (54.13)	3.00 (2.75)
Generalized seizures, frequency (%)			
Absence, frequency (%)	9 (25.00)	7 (33.33)	2 (13.33)
Myoclonic, frequency (%)	100 (100)	100 (100)	100 (100)
Tonic-clonic, frequency (%)	31 (86.11)	18 (85.71)	13 (86.66)
Seizure frequency			
Seizure free > 1 year, frequency (%)	21 (58.33)		
0 / last 6 months, frequency (%)	3 (20.00)		
<1/month, frequency (%)	2 (13.33)		
1-5 / month, frequency (%)	8 (53.33)		
> 5-10 / month, frequency (%)	2 (13.33)		
Routine EEG (at time of investigation)			
Normal, frequency (%)	24 (66.66)	13 (61.90)	11 (61.11)
Generalized epileptic discharges, frequency (%)	15 (41.66)	8 (38.09)	7 (38.88)
Sleep deprivation, frequency (%)	28 (77.77)	15 (71.42)	14 (93.33)
Family history of epilepsy, frequency (%)	13 (36.11)	8 (38.09)	5 (33.33)
AED at time of the investigation			
None, frequency (%)	4 (11.11)	3 (14.28)	1 (6.66)
VPA, frequency (%)	8 (22.22)	6 (28.57)	2 (13.33)
LEV, frequency (%)	16 (44.44)	9 (42.86)	7 (46.66)
LTG, frequency (%)	2 (5.55)	0 (0.00)	2 (13.33)
TPM, frequency (%)	1 (2.77)	0 (0.00)	1 (6.66)
LEV + LTG, frequency (%)	1 (2.77)	1 (4.76)	0 (0.00)
LEV + PTM, frequency (%)	1 (2.77)	1 (4.76)	0 (0.00)
LEV + VPA, frequency (%)	2 (5.55)	1 (4.76)	1 (6.66)
VPA + LTG, frequency (%)	1 (2.77)	0 (0.00)	1 (6.66)

Abbreviations: JME = patients with juvenile myoclonic epilepsy; SF = seizure-free patients; nSF = not seizure-free patients; GTCS = generalized tonic-clonic seizure; AED = antiepileptic drug; VPA = valproate; LEV = levetiracetam; LTG = lamotrigine; TPM = topiramate; PTM = petinimid.