

Supplementary material

Table 1. Electroclinical features of affected individuals.

Patient	Gender, age	FS/FS+ (onset-offset)	Epilepsy onset	Sz semiology	Post-ictal migraine	Epilepsy, age at last sz	EEG findings	PPR	AED treatment (mg/day)
III-4	M, 57 y	36 mo – 5 y	-	-	-	-	-	-	-
III-5	M, 51 y	36 mo – 8 y	8 y	TCS (nocturnal)	Yes	Yes, 35 y	-	-	No
III-8	M, 49 y	18 mo – 7 y	7 y	Focal autonomic sz; focal sensory visual sz or changes in body perception	No	Yes, 15 y	-	-	No
IV-1	M, 30 y	48 mo – 7 y	7 y	Focal cognitive sz; focal to bilateral tonic-clonic sz	Yes	Yes, 18 y	-	-	No
IV-3	M, 38 y	21 mo – 7 y	7 y	Focal cognitive, autonomic and emotional sz; focal sensory vestibular and visual sz; impaired awareness with eyelid myoclonia and focal to bilateral tonic-clonic sz	Yes	Yes, not in remission	Bilateral TPO PA (> L) spreading to F regions	Yes	LEV (1500), LTG (200), ZNS (200)

IV-4	M, 35 y	21 mo – 7 y	7 y	Focal cognitive, autonomic and emotional sz; focal sensory vestibular and visual sz; impaired awareness with eyelid myoclonia and focal to bilateral tonic-clonic sz. Focal nocturnal sz	Yes	Yes, not in remission	Bilateral TPO PA (> L) spreading to F regions	Yes	LEV (4000), VPA (500), CLB (10)
IV-6	F, 33 y	21 mo – 7 y	7 y	Focal cognitive, autonomic and emotional sz; focal sensory vestibular and visual sz; impaired awareness with eyelid myoclonia and impaired awareness	Yes	Yes, 30 y	Bilateral TPO PA spreading to F regions	Yes	CLB (20)
IV-8	M, 13 y	18 mo -?	-	-	-	-	-	-	-
V-1	F, 4 y	22 mo -?	-	-	-	-	-	-	-

FS: febrile seizures ; FS+: febrile seizures plus ; Sz: seizure; EEG: electroencephalographic ; PPR: photo-paroxysmal response ; AEDs: anti-epileptic drugs; M: male; y: years; mo: months; TCS: tonic-clonic seizures; TPO: temporal-parietal-occipital; PA: paroxysmal activity; L: left; F: frontal; LEV: levetiracetam; LTG: lamotrigine; ZNS: zonisamide; VPA: valproate; CLB: clobazam.