

**Article title:** Topiramate in the treatment of generalized convulsive status epilepticus in adults: a systematic review with individual patient data analysis.

**Journal name:** Drugs.

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### Individual patient data of patients included in this review

Patient	Authors	Study design	Age	Sex	Weight (kg)	Previous seizures	Type of SE	Etiology	EEG	Consciousness	STESS	EMSE	AEDs at admission	AED prior to TPM	Route	Loading TPM/day	Maintenance TPM/day	Maximum TPM dose/day	SE controlled	Time to TPM	Time from TPM administration to response	Intubation	Outcome	Time between SE diagnosis and treatment (min)	1 AED	2AED	3 AED	4AED	5 AED	6 AED	7AED	TPM as last drug
1	Asadi-Pooya	Prospective	40	M	60	N	GCSE	AS					2	NG	400	200	400	Y		<24h	N	Death	2	DZP	PHT	TPM					Y	
2	Asadi-Pooya	Prospective	90	F	70	N	GCSE	AS					2	NG	400	200	400	Y		<24h	N	Hemiplegia	2	DZP	PHT	TPM					Y	
3	Asadi-Pooya	Prospective	92	F	50	N	GCSE	AS					2	NG	400	200		Y		<24h	N	Baseline	5	DZP	PHT	TPM					Y	
4	Asadi-Pooya	Prospective	37	F	60	Y	GCSE	E					2	NG	400	200	400	Y		<24h	N	Baseline	15	DZP	PHT	TPM					Y	
5	Asadi-Pooya	Prospective	24	M	70	N	GCSE	RS					2	NG	400	200	400	Y		<24h	Y	Baseline	10	DZP	PHT	TPM	MDL	PRO			N	
6	Asadi-Pooya	Prospective	37	M	60	N	GCSE	AS					2	NG	400	200	400	Y		<24h	Y	Baseline	10	DZP	PHT	TPM	PB	MDZ			N	
7	Asadi-Pooya	Prospective	70	M	60	N	GCSE	U					2	NG	400	200	400	Y		<24h	Y	Death	3	DZP	PHT	TPM	PB				N	
8	Asadi-Pooya	Prospective	73	M	70	N	GCSE	RS					2	NG	400	200	400	Y		<24h	N	Baseline	10	DZP	PHT	TPM	VPA				N	
9	Asadi-Pooya	Prospective	18	M	70	N	GCSE	AS					2	NG	400	200	400	Y		<24h	Y	Baseline	10	DZP	PHT	TPM	PB				N	
10	Asadi-Pooya	Prospective	32	M	60	Y	GCSE	E					2	NG	400	200	400	Y		<24h	Y	Baseline	20	DZP	PHT	TPM	MDZ				N	
11	Asadi-Pooya	Prospective	51	M	60	N	GCSE	AS					2	NG	400	200	400	Y		<24h	Y	Baseline	2	DZP	PHT	TPM	PRO				N	
12	Asadi-Pooya	Prospective	24	M	60	Y	GCSE	E					2	NG	400	200	400	Y		<24h	Y	Baseline	10	DZP	PHT	TPM	PB	MDZ			N	
13	Asadi-Pooya	Prospective	60	M	70	N	GCSE	AS					2	NG	400	200	400	Y		<24h	Y	Hemiplegia	2	DZP	PHT	TPM	VPA	MDZ			N	
14	Asadi-Pooya	Prospective	18	M	80	Y	GCSE	E					2	NG	400	200	400	Y		<24h	N	Baseline	10	DZP	PHT	TPM	VPA				N	
15	Asadi-Pooya	Prospective	25	F	80	N	GCSE	U					2	NG	400	200	400	N				Y	Death	10	DZP	PHT	TPM	VPA	MDZ	PRO		N
16	Asadi-Pooya	Prospective	23	M	60	N	GCSE	U					2	NG	400	200	400	N				Y	Death	10	DZP	PHT	TPM	PB	MDZ	PRO		N
17	Asadi-Pooya	Prospective	61	M	60	N	GCSE	AS					2	NG	400	200	400	N				Y	Death	2	DZP	PHT	TPM	PB	MDZ			N
18	Asadi-Pooya	Prospective	23	F	70	N	GCSE	AS					2	NG	400	200	400	N				Y	Death	3	DZP	PHT	TPM	MDZ				N
19	Kim	Retrospective	61	M		N	GCSE	AS					0	1	NG	800		800	N				Death		LZP	TPM					Y	
20	Kim	Retrospective	48	M		N	GCSE	AS					0	2	NG	400		400	Y				Improvement		LZP	PHT	TPM					Y
21	Kim	Retrospective	51	F		N	GCSE	AS					2	2	NG	800		800	Y				Death		LZP	PHT	TPM					Y
22	Kim	Retrospective	48	F		N	GCSE	AS					1	2	NG	800		800	Y				Death		LZP	PHT	TPM					Y
23	Kim	Retrospective	79	M		N	GCSE	AS					1	2	NG	400		400	Y				Improvement		LZP	PHT	TPM					Y

24	Kim	Retrospective	31	M		N	GCSE	AS					1	2	NG	500		500	N										Death		LZP	VPA	TPM								Y			
25	Kim	Retrospective	66	F		N	GCSE	AS					1	1	NG	800		800	Y											Death		LZP	TPM									Y		
26	Kim	Retrospective	36	M		N	GCSE	AS					1	1	NG	300		300	Y											Death		LZP	TPM									Y		
27	Kim	Retrospective	31	F		N	GCSE	AS					1	1	NG	1000		1000	Y											Death		LZP	TPM									Y		
28	Hottinger	Retrospective	47	F		N	GCSE	AS						4				400-799	Y													MDZ	PHT	PRO	LEV	TPM							Y	
29	Hottinger	Retrospective	41	f		Y	GCSE	AS						5				≥800	Y													LZP	VPA	PRO	LEV	MDZ	TPM						Y	
30	Hottinger	Retrospective	23	F		N	GCSE	AS						5				≥800	N													CLB	LEV	VPA	MDZ	PRO	TPM	PHT				y		
31	Stojanova	Retrospective	16	F		N	GCSE	RS		Stuporous				4				200	Y		72h	Y							Death		LZP	CLB	PHT	TPT	TPM							Y		
32	Stojanova	Retrospective	52	M		Y	GCSE	RS		Somnolent				3				450	N													LEV	PHT	PRO	TPM								Y	
33	Stojanova	Retrospective	20	F		N	GCSE	AS		Stuporous				5				600	N													CLB	PT	LEV	VPA	PRO	TPM							Y
34	Stojanova	Retrospective	25	F		Y	GCSE	AS		Stuporous				2				800	N													CLB	PHT	TPM									Y	
35	Stojanova	Retrospective	76	F		N	GCSE	AS		Stuporous				3				400	N													LEV	LCM	steroids	TPM								Y	