

Supplementary material

Supplementary table 1. Eligibility for the TimeToStop trial and reasons for non-eligibility.

Eligibility	Number of children
Eligible for inclusion	12
Objection against late withdrawal	11
Objection against early withdrawal	1
Willing to participate	0
Not eligible	35
Age at surgery >15 years	8
Age at surgery <6 years (too young to perform Epitrack Junior)	10
No Epitrack Junior performed (unable to perform or not performed)	8
Postoperative epileptiform discharges on EEG or ECoG	3
No postoperative seizure freedom	1
Vagus nerve stimulator	1
Not using AEDs before surgery	2
Only surgery in our centre, follow-up elsewhere	1
Already started AED withdrawal <4 months because of side effects	1
Total number of patients who were screened and approached for participation in the TimeToStop trial, from 1/11/2015 to 28/2/2017.	

Supplementary table 2. Does the type of drug influence timing of AED withdrawal? In total, 37/47 answered the question. Six respondents specifically mentioned that no drug influenced the decision. No drug was indicated that might interfere with the decision to initiate AED withdrawal.

Drug name	Long taper period	Late initiation of withdrawal	No complete discontinuation
phenobarbital	17	1	0
benzodiazepines	14	3	0
carbamazepine	7	5	0
phenytoin	4	0	0
vigabatrin	2	2	0
valproic acid	2	1	0
primidone	2	1	0
oxcarbazepine	2	1	0
topiramate	2	0	0
lamotrigine	1	2	0
bromide	1	0	0
zonisamide	1	0	0
levetiracetam	0	3	0
lacosamide	0	1	0
cannabidiol	0	0	1