Choosing antiseizure medication



Based on Asadi-Pooya, AA, Beniczky, S, Rubboli, G, Sperling, MR, Rampp, S, Perucca, E. A pragmatic algorithm to select appropriate antiseizure medications in patients with epilepsy. Epilepsia, 2020; 61: 1668–1677; available online as EpiPick tool

How to use it

Select a **seizure type** and see how medications are ranked

Up- or downgrade ased on **modifiers** medication ranked first

Туре	First level	Second level	Third level
Absence	ETS, VPA	LTG	LEV, ZNS, ACT, CLB, CLN
Myoclonic	CLN, VPA, LEV	CLB	TPM, ZNS PB, NTR
Prim. GTC	VPA	LTG, LEV	OXC, CLB, ZNS, LCM, TMP, PB, PER, PHT, CBZ, BRV
Prim. GTC+ myoclonic	VPA	LEV	CLN, LTG, ZNS, CLB, TPM, PB, PER, PHT, LCS, BRV
Prim. GTC + absence	VPA	LTG, LEV	TPM, ZNS, CLB
Prim. GTC + myoclonic + absence	VPA	LTG, LEV	TPM, ZNS, CLB, CLN
Myoclonic + absence	VPA, ETS	LTG, LEV	TPM, ZNS, CLB, CLN
Focal	LEV, CBZ, LTG OXC, ESL, LCM	TPM, VPA, PER, PHT, BRV, ZNS	CLB, PB, GBP, PGB
Unknown + age ≥ 21	LEV, CBZ, LTG OXC, ESL, LCM	VPA, PER, PHT, BRV, ZNS, TPM, CLB	PB, GBP, PGB
Unknown + age < 21	VPA, LTG, LEV	CLB, CBZ, PER, ESL, OXC, LCM	PB, TPM, ZNS

lamotrigine; NTR, nitrazepam; OXC, oxcarbazepine; PB, phenobarbital; PER, perampanel; PGB, pregabalin; PHT, phenytoin; TPM, topiramate; VPA, valproic acid; ZNS, zonisamide; Prim. GTC; primary generalized tonic-clonic

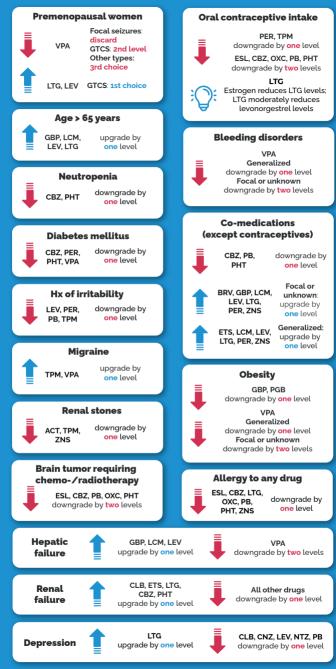
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