

A Guide to Neuromodulation Devices for Migraine

BRAND NAME	CEFALY	sTMS mini™	gammaCore Sapphire™	Nerivio™
MANUFACTURER	CEFALY Technology	eNeura	electroCore	Theranica
INDICATION <small>*unless otherwise explained, indications are for patients 18+ years old</small>	Acute and Preventive Treatment of Episodic Migraine	Acute and Preventive Treatment of Migraine (age 12 and older)	Acute and Preventive Treatment of Migraine and Cluster	Acute Treatment of Episodic Migraine
PRICE	\$500 for a device Additional electrodes range from \$25-\$33 for more uses	\$250/month New patients pay for 1 month prescription and receive 2 additional months free. Money back guarantee for qualified patients.	\$575 (24 stimulations/day for 31 days) Patients may be eligible for assistance ≤\$100 for ≤12 months Cost-free options for veterans & active military	\$99 per device which holds 12 uses
EFFICACY <small>*See individual websites for complete study results. Stats given for migraine only.</small>	Acute: 79% of patients reported pain relief after 1 hr* Preventive: 38% of patients had at least a 50% reduction in migraine days	Acute: 67% reported pain relief after 15 minutes Preventive: 46% of patients had at least a 50% reduction in migraine days	Acute: 41% pain relief at two hours after 8 minutes of stimulation Preventive: 2.27 fewer migraine days	67% of patients achieve pain relief at 2 hours
DELIVERY ADMINISTRATION	Acute: 1 hour as needed, on forehead Preventive: 20 mins. nightly	Acute: 4 pulses; repeat as needed, on back of head Preventive: 4 pulses morning and evening	Acute: Two 2-minute stimulations at symptom onset, on neck. Can be repeated 20 mins. and 2 hours from start of 1st treatment. Preventive: 3 treatments (morning, mid-day and night) consisting of 2 consecutive two-minute stimulations daily	Start within 1 hour of migraine onset, on outer upper arm. Set intensity to a level that is strong but not painful and keep it at that setting for the 45 minute treatment
SIDE EFFECTS	Sedative effect during treatment session, sensitivity to the feeling of Cefaly on forehead, vasodilation and contact dermatitis.	Momentary lightheadedness and ringing in the ears at time of treatment	Application site discomfort, irritation, muscle twitching of face/head/neck resolving after treatment finishes	Warmth, itching, tingling or mild pain in the arm, shoulders, or neck, muscle spasm, temporary numbness in the arm or hand