

PHARMACY CORNER

CGRP Receptor Antagonist for Migraine Prophylaxis

Calcitonin Gene Related Peptide (CGRP) Receptor Antagonist are novel agents developed for migraine prophylaxis. There are 3 agents indicated for migraine prevention which include Aimovig (erenumab), Emgality, (galcanezumab), and Ajovy (fremanezumab). In randomized controlled trials for each of these medications, researchers found that these new therapies may provide 1-2 fewer migraine days per month vs. a placebo which is similar to first line agents. Per the American Headache Society CGRPs should be used after a 6 week trial of at least 2 of the following first line agents: topiramate; divalproex sodium; beta blockers – propranolol, metoprolol, or atenolol; tricyclic antidepressants – amitriptyline or nortriptyline; or SNRI – venlafaxine or duloxetine.

The table to the right shows the cost per 30 day supply for CGRP Receptor Antagonists and other first line migraine prophylactic medications.

Drug for Migraine Prophylaxis	Cost Per 30 Day Supply
Amovig	\$410 - \$602
Ajovy	\$372 - \$712
Emgality	\$272 - \$599
Topiramate	\$5 - \$7
Propranolol	\$13 - \$43
Amitriptyline	\$14 - \$21
Divalproex	\$8 - \$15

Disclaimer: This information is not intended to dictate or substitute for the professional judgment of a healthcare practitioner in a particular case.