

An estimated 38 million general anesthesia procedures are performed each year in the United States (2006 figures), and 39% of these - 15 million procedures - utilize anti-emetic therapy for PONV. Of these 15 million procedures, 89%, or 13.4 million, use 5-hydroxytryptamine-3 (5-HT₃) receptor antagonists.

In addition to the new PONV indication (ALOXI injection 0.075 mg), ALOXI (palonosetron HCl) injection 0.25 mg is the first and only 5-hydroxytryptamine-3 (5-HT₃) receptor antagonist to be indicated for the prevention of acute and delayed nausea and vomiting associated with initial and repeat courses of moderately emetogenic chemotherapy, and for the prevention of acute nausea and vomiting associated with initial and repeat courses of highly emetogenic chemotherapy.