

**Antiemetics—5-HT<sub>3</sub> Receptor Antagonists**

**DOLASETRON (Anzemet)** **Prevention/treatment of post-op N/V:** 12.5 mg IV 15 min before end of anesthesia (prevention) or at onset of N/V (treatment). [Trade only: Tabs 50, 100 mg. Injectable no longer available in Canada.] ▶LK ♀B ▶? \$\$\$\$

**GRANISETRON (Sustol, Sancuso)** **Nausea with chemo:** Transdermal (Sancuso): 1 patch to upper outer arm at least 24 h (but up to 48 h) before chemotherapy. Remove 24 h after completion of chemotherapy. Can be worn up to 7 days depending on the duration of chemo. 10 mcg/kg IV within 30 min of chemo. 2 mg PO once daily or 1 mg PO two times per day to start up to 1 h before chemotherapy. 10 mg SC (Sustol) 30 min before chemo. **Prevention of N/V with radiation:** 2 mg PO within 1 h of radiation. [Trade only: Transdermal patch (Sancuso-\$\$\$\$) 34.3 mg of granisetron delivering 3.1 mg/24 h. Generic only: Tablet 1 mg.] ▶L ♀B ▶? \$\$\$

**ONDANSETRON (Zofran, Zofran ODT, Zuplenz)** **Nausea with chemo:** IV: 0.15 mg/kg/dose IV (max 16 mg) 30 min prior to chemo and repeated at 4 h and 8 h after first dose for age 6 mo or older. PO: 4 mg PO 30 min prior to chemo and repeat at 4 h and 8 h for age 4 to 11 yo, 8 mg PO and repeated 8 h later for age 12 yo or older. **Prevention of post-op N/V:** 4 mg IV over 2 to 5 min or 4 mg IM 30 min before end of surgery or 16 mg PO 1 h before anesthesia. Give 0.1 mg/kg IV over 2 to 5 min as a single dose for age 1 mo to 12 yo if wt 40 kg or less; 4 mg IV over 2 to 5 min as a single dose if wt greater than 40 kg. **Prevention of N/V associated with radiotherapy:** 8 mg PO three times per day. [Generic/Trade: Tabs 4, 8, 24 mg. Orally disintegrating tabs 4, 8 mg. Oral soln 4 mg/5 mL. Trade only: Oral film (Zuplenz) 4, 8 mg.] ▶L ♀B ▶? \$

**PALONOSETRON (Aloxi)** **Nausea with chemo:** 0.25 mg IV over 30 sec, 30 min prior to chemo. Children 1 mo to 17 yo: 20 mcg/kg (max 1.5 mg) IV over 15 min, 30 min prior to chemo. **Prevention of postop N/V:** 0.075 mg IV over 10 sec just prior to anesthesia. [Generic/Trade: Injectable.] ▶L ♀B ▶? \$\$\$\$

**PALONOSETRON + NETUPITANT (Akinzeo)** **Prevention of N/V with chemo:** 1 cap PO 1 h prior to chemo or 1 injectable vial diluted in 50 mL given IV over 30 min prior to chemo. Used in combination with dexamethasone. [Trade only: Cap (0.5 mg palonosetron + 300 mg netupitant), injectable vial (0.25 mg palonosetron + 235 mg fosnetupitant).] ▶L ♀C ▶ \$\$\$\$

**Antiemetics—Other**

**APREPITANT (Cinvanti, Emend, fosaprepitant)** **Prevention of nausea with moderately to highly emetogenic chemo, in combination with a corticosteroid and a 5-HT<sub>3</sub> antagonist:** 125 mg PO (Emend) on day 1 (1 h prior to chemo), then 80 mg PO q am on days 2 and 3. Alternatively, single dose of 150 mg IV (fosaprepitant) over 20 to 30 min, prior to chemo or 130 mg (Cinvanti) IV over 30 min, 30 min prior to highly emetogenic chemo. For moderately emetogenic chemo, 100 mg (Cinvanti) IV over 30 min on day 1, with oral aprepitant capsules on days 2 and 3. In children 6 months and older, 3 mg/kg (fosaprepitant, max 125 mg) on day 1, then 2 mg/kg (max 80 mg) PO on days 2 and 3. **Prevention of postop N/V:**

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