

ANTIEMETIC TREATMENTS

Generic	Brand	Form	Strength	Usual Dose
ANTICHOLINERICS				
scopolamine	Transderm SCOP	R	transdermal patch	1.5mg (delivers 1mg per 72hrs) Adults: <i>Motion sickness:</i> 1 patch 4hrs before travel; remove after 72hrs. <i>Post-op:</i> 1 patch evening before surgery. <i>C-section:</i> 1 patch 1hr before surgery; remove 24hrs after surgery.
ANTIHISTAMINES				
meclizine	Antivert	R	tabs	12.5mg, 25mg, 50mg Adults: <i>Motion sickness:</i> 25–50mg 1hr before travel; then once daily as needed. <i>Vertigo:</i> 25–100mg/day in divided doses.
	Zentrip	OTC	orally-disintegrating thin strips	25mg Adults: 1 or 2 strips once daily 1hr before travel
diphenhydramine	—	R	IV or IM inj	50mg/mL Adults: 10–50mg IV or deep IM; max 400mg/day Children: 5mg/kg/day in 4 divided doses; max 300mg/day
CANNABINOIDS				
dronabinol	Marinol	CIII	caps	2.5mg, 5mg, 10mg Adults and Children: 5mg/m ² 1–3hrs before chemo, then every 2–4hrs after chemo; max 4–6 doses/day
nabilone	Cesamet	CII	caps	1mg Adults: 1–2mg twice daily; max 6mg/day in 3 divided doses. Start 1–3hrs before chemo.
5-HT₃ RECEPTOR ANTAGONISTS				
dolasetron	Anzemet	R	tabs	50mg, 100mg Adults: ≥16yrs: 100mg within 1hr before chemo or within 2hrs before surgery. Children: See drug monograph.
		R	IV inj	20mg/mL Adults: ≥16yrs: <i>Prevention:</i> 12.5mg 15mins before stopping anesthesia. <i>Treatment:</i> 12.5mg. Children: See drug monograph.
granisetron	—	R	tabs	1mg Adults: 2mg up to 1hr before chemo; or 1mg up to 1hr before, then 1mg 12hrs later. <i>Radiation:</i> 2mg within 1hr.
		R	IV inj	1mg/mL ≥2yrs: 10mcg/kg within 30min before chemo
ondansetron	Zofran Injection	R	transdermal patch	3.1mg/day ≥18yrs: 1 patch 24–48hrs before chemo, remove at least 24hrs after completion; max 7 days
		R	IV or IM inj	2mg/mL Adults: >18yrs: 0.15mg/kg over 15min every 4hrs for 3 doses 30mins before chemo. <i>Post-op:</i> 4mg before anesthesia or shortly post-op. Children: See drug monograph.
palonosetron	Zofran	R	tabs	4mg, 8mg, 24mg Adults: <i>Highly emetogenic:</i> 24mg 30min before chemo. <i>Moderately emetogenic:</i> 8mg every 8hrs for 2 doses starting 30min before chemo, then 8mg every 12hrs for 1–2 days after.
		R	ODT	4mg, 8mg
		R	soln	4mg/5mL
palonosetron	Zuplenz	R	oral soluble films	4mg, 8mg <i>Post-op:</i> 16mg 1hr before anesthesia induction. <i>TBI, single or daily fractionated radiotherapy to abdomen:</i> See drug monographs. Children: See drug monographs.
		R	IV inj	0.075mg/1.5mL 0.25mg/5mL ≥17yrs: 30min before chemo give 0.25mg over 30sec; max 1 dose/wk. <i>Post-op:</i> 0.075mg over 10sec before anesthesia induction.
PHENOTHIAZINES				
chlorpromazine	—	R	tabs	10mg, 25mg, 50mg, 100mg, 200mg Adults: <i>N/V:</i> 10–25mg every 4–6hrs (tabs). 25–50mg every 3–4hrs (IM).
		R	IV or IM inj	25mg/mL Children: See drug monograph.
prochlorperazine	—	R	tabs	5mg, 10mg Adults: <i>Oral:</i> 5–10mg 3–4 times daily; max 40mg/day.
		R	supps	25mg <i>Rectal:</i> 25mg twice daily. Children: See drug monograph.
promethazine	—	R	tabs	12.5mg, 25mg, 50mg Adults: <i>Motion sickness:</i> 25mg 30–60min before travel. <i>Maintenance:</i> 25mg twice daily. <i>Perioperative N/V:</i> 25mg. <i>Peri-op:</i> Initially 25mg, then 12.5–25mg every 4–6hrs.
		R	supps	12.5mg, 25mg, 50mg Children: See drug monograph.
SUBSTITUTED BENZAMIDES				
metoclopramide	Metozolv ODT	R	ODT	5mg, 10mg Adults: <i>Diabetic gastroparesis:</i> 10mg 4 times daily 30min before meals and at bedtime for 2–8wks
	Reglan	R	tabs	5mg, 10mg
trimethobenzamide	Tigan	R	caps	300mg Adults: 200mg (IM) or 300mg (oral) 3–4 times daily
		R	IM inj	100mg/mL
SUBSTANCE P/NEUROKININ 1 RECEPTOR ANTAGONIST				
aprepitant	Emend	R	caps	40mg, 80mg, 125mg ≥18yrs: Take corticosteroid and 5-HT ₃ antagonist. <i>Day 1:</i> 125mg 1hr before chemo. <i>Day 2 and 3:</i> 80mg once daily in AM.
		R	IV inj	115mg/vial, 150mg/vial ≥18yrs: Give with corticosteroid and 5-HT ₃ antagonist 30min before chemo. <i>Highly emetogenic</i> (single dose regimen): 150mg IV over 20–30min. <i>Moderately or highly emetogenic</i> (3-Day regimen): <i>Day 1:</i> 115mg IV over 15min; <i>Day 2 and 3:</i> 80mg orally once daily in AM.

NOTES

Key: TBI = total body irradiation; ODT = orally disintegrating tabs
 Patients' individual needs may vary. Adjust dose based on clinical effect.
 Not an inclusive list of medications, official indications, and/or doses. Please see drug monograph at www.eMPR.com and/or contact company for full drug labeling.