

SACT and CINV

Table 1. Some useful antiemetic drugs: Table adapted from London Cancer Alliance (LCA, 2013)

Drug Class	Specific Agents	Mechanism of actions	Indications	Side effects
Dopamine receptor antagonist	Phenothiazines Prochlorperazine Levomopromazine Olanzapine	Minimise the effect of dopamine at the dopamine (D2) receptor in the CTZ	Acute nausea, delayed nausea	Extrapyramidal syndromes, sedation, akathisia, dizziness, postural hypotension, tachycardia,
Serotonin5- HT3 antagonist	Palonosetron Ondansetron Granisetron	Blocks serotonin 5-HT3 gut receptors to prevent peripheral stimulation of the, receptor	Acute nausea, delayed nausea, acute vomiting& delayed	Headache, diarrhoea, constipation, hypertension or hypotension, dizziness,
Dopamine/5- HT3 Receptor-antagonist	Metoclopramide Domperidone	D2 receptor antagonist and a 5-HT3 receptor antagonist at	Acute nausea, delayed vomiting	Extrapyramidal syndromes, sedation, akathisia, dizziness, postural hypotension, tachycardia,
Corticosteroids	Dexamethasone methylprednisole	Unknown; may modify capillary permeability in CTZ, decrease gut reduced sensitivity of the 5-HT3 receptor,	Acute nausea, delayed nausea, acute vomiting, delayed	Insomnia, agitation immunosuppression, proximal muscle weakness, especially involving the thighs and upper arms)