**Antiemetic Agents**

**Mildly Emetogenic Chemotherapy (Levels 1 and 2):**

1. Granisetron 1–2 mg (total dose) PO daily.
2. Ondansetron 8 mg PO bid with the first dose 30 minutes before the start of chemotherapy and a subsequent dose 8 hours after the first dose
3. Metoclopramide 20–40 mg PO and diphenhydramine 25–50 mg PO every 4–6 hours as needed.

**Moderately Emetogenic Chemotherapy (Level 3):**

1. Granisetron 1–2 mg PO 1 hour before chemotherapy and dexamethasone 8 mg IV 30 minutes before chemotherapy. In the next 1–2 mornings, give granisetron 1 mg PO and dexamethasone 8 mg PO along with prochlorperazine 10 mg PO every 6 hours as needed.
2. Ondansetron 32 mg IV and dexamethasone 4–8 mg PO or 10–20 mg IV given 30 minutes before chemotherapy. In the next 1–2 mornings, give ondansetron 16 mg PO and dexamethasone 8 mg PO along with prochlorperazine 10 mg PO every 6 hours as needed.
3. Aprepitant 125 mg PO taken 60 minutes before chemotherapy; dexamethasone 12 mg PO and granisetron 1–2 mg PO or 10 mg/kg IV given 30 minutes before chemotherapy.
4. Palonosetron 0.25 mg IV given 30 minutes before chemotherapy.
5. Palonosetron 0.25 mg IV given 30 minutes before chemotherapy; aprepitant 125 mg PO taken 60 minutes before chemotherapy on day 1, and 80 mg PO on days 2–3; dexamethasone 12 mg PO taken 30 minute before chemotherapy on day 1, and 8 mg PO on days 2–3.

**Highly Emetogenic Chemotherapy (Levels 4 and 5):**

1. Aprepitant 125 mg PO taken 60 minutes before chemotherapy on day 1 and 80 mg PO on days 2–3; dexamethasone 12 mg PO and ondansetron 32 mg IV given 30 minutes before chemotherapy.
2. Aprepitant 125 mg PO taken 60 minutes before chemotherapy on day 1 and 80 mg PO on days 2–3; dexamethasone 12 mg PO and granisetron 1–2 mg PO or 10 mg/kg IV given 30 minutes before chemotherapy.
3. Palonosetron 0.25 mg IV given 30 minutes before chemotherapy; aprepitant 125 mg PO taken 60 minutes before chemotherapy on day 1, and 80 mg PO on days 2–3; dexamethasone 12 mg PO taken 30 minutes before chemotherapy on day 1, and 8 mg PO on days 2–3.
4. Granisetron 1 mg or 10 mg/kg IV and dexamethasone 10–20 mg IV 30 minutes before chemotherapy. Granisetron 1 mg PO and dexamethasone 8 mg PO in the next 2–3 mornings along with prochlorperazine 10 mg PO every 6 hours as needed.( or : lorazepam 1 mg PO or IV given 30 minutes before chemotherapy and then every 6 hours as needed ).