

**Chemotherapeutic combinations#**

**HIGH EMETIC POTENTIAL**

VDC (vincristine, doxorubicin, cyclophosphamide)  
 IVA-Do (ifosfamide, vincristine, actinomycin, doxorubicin)  
 Cisplatin containing blocks (any combination)  
 BEAM (carmustine, etoposide, cytarabine, melphalan)  
 COPDAC (cyclophosphamide, vincristine, prednisone, dacarbazine)  
 VIDE (vincristine, ifosfamide, doxorubicin, etoposide)

**MODERATE EMETIC POTENTIAL**

IE (ifosfamide, etoposide)<sup>&</sup>  
 Osteosarcoma HDMTX (Methotrexate 12g/m<sup>2</sup>)<sup>&</sup>  
 CYVE (cytarabine, etoposide)<sup>&</sup>  
 VAC (vincristine, actinomycin, cyclophosphamide)<sup>&</sup>  
 IVA (ifosfamide, vincristine, actinomycin)<sup>&</sup>  
 ADE (cytarabine, daunorubicin, etoposide)  
 AE (cytarabine, etoposide)  
 MA (mitoxantrone, cytarabine)  
 OEPA (vincristine, etoposide, prednisone, doxorubicin)  
 VA (vincristine, actinomycin)  
 ALL HDMTX (Methotrexate 5g/m<sup>2</sup>)  
 COPADM (cyclophosphamide, vincristine, prednisone, doxorubicin, methotrexate)  
 CYM (cytarabine, methotrexate)  
 TPCV (thioguanine, procarbazine, CCNU (lomustine), vincristine)  
 VC (vincristine, carboplatin)

**LOW EMETIC POTENTIAL**

ALL induction (vincristine, asparaginase, dexamethasone)  
 COP (cyclophosphamide, vincristine, prednisone)  
 Intrathecal therapy

**Antiemetic Prophylaxis guideline**

Minimal emetic potential	Low emetic potential	Moderate emetic potential	High emetic potential
nil	Consider Ondansetron stat dose pre chemotherapy	Ondansetron 6-8/24	Aprepitant* on day 1 of chemotherapy cycle Ondansetron 6/24 Dexamethasone^ if appropriate

**Breakthrough CINV guideline**

Minimal emetic potential	Low emetic potential	Moderate emetic potential	High emetic potential
1. Ondansetron 6-8/24 2. Metoclopramide	1. Ondansetron 6-8/24 2. Metoclopramide 3. Dexamethasone^ if appropriate	1. Metoclopramide 2. Dexamethasone^ if appropriate 3. Aprepitant* if appropriate	1. Metoclopramide 2. Cyclizine/ Chlorpromazine

#For a full list of agents see text

\*See antiemetic medications table regarding aprepitant contraindications

^See antiemetic medications table regarding dexamethasone contraindications

&In adolescents and older children this combination may cause significant vomiting. Consider aprepitant