PENNSTATE HERSHEY
Cancer Institute

REVISED August 2012

MVAC dose-dense

Eur J Cancer 2006;42:50-54.

Date written _____ To begin _____

Patient's: Height_____cm Weight_____kg BSA_____m^2
Allergies: ☐No ☐Yes: _____
Diagnosis _____Metastatic Site _____

Protocol:
☐Yes #_____
☐ No
Source of Drug:
☐Routine supply
☐Protocol supply
☐Other

1. Laboratory Studies:
   - ☐ CBC w/ diff, CMP, Mg, PO4, Uric Acid
   - ☐ No labs required prior to administration

   _____

2. Consent Obtained ?
   ☐ Yes ☐ Preprinted Consent ☐ See Dictated Note ☐ Note in Chart ☐ No Plan: _____
3. Infusion Room General Order Set will be initiated
4. Premedications:

Antiemetics: **Day 1 Ondansetron 8 mg po prior to chemotherapy**

Day 2 Dexamethasone 12 mg IV 30 minutes prior to chemotherapy
Palonosetron 0.25 mg IV 30 minutes prior to chemotherapy
Fosaprepitant 150 mg IV 30 minutes prior to chemotherapy

Hydration: **Day 2 1000 mL NS with 20 mEq potassium chloride and 2 gm magnesium sulfate, infuse at 500 mL/hr x 1 hour pre and post cisplatin infusion**
Mannitol 25 gm IV x 1 dose at start of cisplatin

5. Chemotherapy: Cycle # _____

Dose Reduction? ☐ No ☐ Yes. Give _____ % of full dose Reason:

Day 1 **Methotrexate 30 mg/m^2 = _____mg in 100 mL NS infuse over 15-30 minutes**

Day 2 **Doxorubicin 30 mg/m^2 = _____mg IV Push**
Vinblastine 3 mg/m^2 = _____mg IV Push
Cisplatin 70 mg/m^2 = _____mg IV in 500 mL NS infuse over 60 minutes

6. Subsequent Doses: Patient to be seen prior to each cycle by MD, orders will be written for each.
7. Post-chemotherapy supportive care

Day 3 ☐ **Pegfilgrastim 6 mg SubQ x 1 dose**
☐ **G-CSF _____ mcg SubQ days _____**

Antiemetics: Dexamethasone 8 mg po daily X 3 days starting day 3

MD Signature _____

Attending MD signature_____

MR CHEMO ORDER