## Physician Orders

**HEMATOPOIETIC STEM CELL MOBILIZATION**

**Primary Diagnosis:** Multiple Myeloma

### Allergies/Reactions

- **Goal of Chemotherapy:**
  - ☐ Curative
  - ☐ Palliative
  - ☐ Neoadjuvant
  - ☐ Adjuvant

- **Radiation Therapy:**
  - ☐ Concurrent
  - ☐ Independent
  - ☐ None

### Height

<table>
<thead>
<tr>
<th>Height:</th>
<th>Actual Weight (kg): and BSA (m²):</th>
<th>Ideal Weight (kg): and BSA (m²):</th>
<th>Adjusted Weight (kg): and BSA (m²):</th>
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</tbody>
</table>

### Dosing Calculations

- **Cyclophosphamide**
  - 2 g/m²
  - X
  - =
  - IV
  - 3 hours
  - Days 1 & 2

- **Mesna**
  - 500 mg
  - IV
  - Pre-Cyclophosphamide, over 30 minutes
  - Day 1

- **Mesna**
  - 2 g/m²
  - X
  - =
  - IV
  - 24 hours
  - Days 1 & 2
  - Total dose 2 g/m²/24 hours for a total of 48 hours

**Continuous IV Chemotherapy:** May increase rate by ________ to keep within 24 hour dose. Patient may be off continuous IV chemotherapy no longer than 30 minutes/24 hours

### Hydration Orders

- **Before Chemotherapy**
  - 5% dextrose in water with 0.45% sodium chloride (D5½NS)
  - 20 mEq KCl
  - 150 ml/hour
  - Continuously

- **During Chemotherapy**
  - 5% dextrose in water with 0.45% sodium chloride (D5½NS)
  - 20 mEq KCl
  - 150 ml/hour
  - Continuously

**HOLD CHEMOTHERAPY FOR THE FOLLOWING REASONS:**

- Absolute Neutrophil Count (ANC) Less Than ________ (typically less than 1,000)
- Platelets Less Than ________ (typically less than 100,000)
- Other ________

**Physician Initial:**

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**Franciscan Health System**

**PHYSICIAN ORDERS**

HEMATOPOIETIC STEM CELL MOBILIZATION
**PHARMACY TO MANAGE ANTIEMETICS**

<table>
<thead>
<tr>
<th>ANTIEMETIC ORDERS/DRUG NAME</th>
<th>DOSE</th>
<th>ROUTE</th>
<th>TIMING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ondansetron</td>
<td>24 mg</td>
<td>PO</td>
<td>30 minutes pre-chemo (Days 1 &amp; 2)</td>
</tr>
<tr>
<td></td>
<td>16 mg</td>
<td>IV</td>
<td>30 minutes pre-chemo (Days 1 &amp; 2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Maximum 24 mg per 24 hours)</td>
</tr>
<tr>
<td>Dexamethasone</td>
<td>12 mg</td>
<td>PO</td>
<td>30 minutes pre-chemo (Day 1)</td>
</tr>
<tr>
<td></td>
<td>8 mg</td>
<td>PO</td>
<td>Twice daily (Days 3-5)</td>
</tr>
<tr>
<td>Fosaprepitant</td>
<td>150 mg</td>
<td>IV</td>
<td>30 minutes pre-chemo (Day 1)</td>
</tr>
<tr>
<td>Lorazepam</td>
<td>0.5-1 mg</td>
<td>PO</td>
<td>30 minutes pre-chemo times 1 dose PRN anxiety</td>
</tr>
</tbody>
</table>

**PRN ANTIEMETICS (FOR INPATIENT USE)**

NOTE: Number the antiemetics below in the order to be used. The nurse will select #1 as the first medication to be given and may alternate #2. If orders chosen are not numbered, the nurse will contact the prescriber for clarification.

- **Lorazepam**
  - 0.5-1 mg PO Every 4 hours PRN nausea/vomiting/anxiety

- **Promethazine**
  - 12.5-25 mg or 6.25-12.5 mg* IV Every 4 hours PRN nausea/vomiting

*For patients greater than 65 years old

**TESTS:**
- MUGA Scan
- ECG
- Other

**INPATIENT LABS**
- **NOW:** CBC BMP CMP Other
- **DAILY:** CBC BMP CMP Other

**OUTPATIENT LABS:**
- **BEFORE EACH CYCLE:** CBC BMP CMP Other
- **WEEKLY:** CBC BMP CMP Other

**OTHER LABS AND FREQUENCY:**
- Urine Output: If urine output is less than give times days
- Nurse May Initiate CVAD Management Per Nursing Protocol #910.00
- Nurse May Utilize Local Anesthetic For CVAD Access Per Nursing Protocol #788
- Nurse May Initiate IV Catheter Care, Outpatient Physician Order #858
- For Infusion Reactions Initiate Drug Related Hypersensitivity Physician Order #774

**MEDICATIONS:**
- Filgrastim 10 mcg/kg subcutaneously daily – begin 24 hours after completion of Cyclophosphamide
- Other:

**NOTE:** These orders should be reviewed by the attending physician, appropriately modified for the individual patient, dated, timed and signed below.

**DATE** | **TIME** | **PHARMACIST’S SIGNATURE**

**DATE** | **TIME** | **PHYSICIAN’S SIGNATURE**

Another brand of drug, identical in form and content, may be dispensed unless checked. □