

Infusion Room General Orderset

REVISED: March 2014

1. Central venous catheter care appropriate for device, per protocol
2. In the event of vesicant extravasation initiate Extravasation/Antidote Protocol Orderset (See next page)
3. In the event of symptoms during infusion:
 1. Hold drug infusion, keep NSS IV running at 100 ml per hour
 2. Check vital signs q 15 minutes as needed
 3. If systolic BP <90 mmHg, or decreased by 50 mm Hg from baseline, give 1 liter normal saline IV bolus over 60 minutes
 4. Check Pulse Oximetry x1; q 15 minutes prn
 5. Oxygen 2L/min via nasal cannula or mask, titrate to oxygen saturation >90mm O₂
 6. Stat EKG if patient having complaint of chest pain
 7. Notify Physician or other appropriate caregiver.
 8. **Medications**

Diphenhydramine 25 mg IV push for urticaria and/or swelling, may repeat once if no relief in 15 minutes

Meperidine 25 mg IV push for rigors, may repeat once if no improvement in 15 minutes

Acetaminophen 650 mg orally for headache or other pain, provided no acetaminophen given in prior 4 hours and not contraindicated by treatment

Methylprednisolone 125 mg IV x 1 for stridor, new wheezing or patients complaining of difficulty breathing.

Prochlorperazine 10 mg IV push or PO every 4 hours, PRN nausea

Lorazepam 1 mg sub-lingually for anxiety, or anticipatory nausea

Acetylsalicylic Acid (ASA) 325 mg orally for chest pain

Nitroglycerine 0.4 mg sublingual every 5 minutes for 3 doses maximum for chest pain hold for BP systolic <100 mmHg

Ethyl Chloride spray to port site prior to access as needed

Laboratory testing (all STAT)

CBC with diff and platelets for patients with symptoms of anemia (dyspnea on exertion, palpitations, weakness, headache) or bleeding (epistaxis, gum bleeding, petechiae)

BMP for patients with weakness or poor oral intake

Hold specimen to blood bank for patients with symptomatic anemia (defined above)

Blood cultures (1 from each central lumen, one peripheral) for patients with fever (sustained temp of 38.0° or one oral temp > 38.3° C)

U/A, C+S for patients with fever or dysuria (sustained temp of 38.0° or one oral temp > 38.3° C)



MR CHEMO ORDER

March 2014

Extravasation/Antidote Protocol Orders

Patient's: Height _____ cm Weight _____ kg BSA _____ m²
Allergies: No Yes: _____
Extremity/Location of Extravasation _____

Source of Drug:
Routine supply

Initiate therapy and notify Attending Physician

For vinca alkaloids (vincristine, vinblastine, vinorelbine), paclitaxel, or etoposide

Hyaluronidase 150 units/mL

- a. Using 1 mL syringe, withdraw 0.75 mL of 200 unit/mL solution from stock vial and add to 0.25 mL of 0.9% sodium chloride). Aspirate any remaining drug from IV if possible. Dose = Inject five 0.2 mL SubQ injections around site using new 27 gauge needles (or 25 gauge) with each injection. Elevate site of extravasation. Apply warm compresses except for paclitaxel (cold compresses recommended) for 15-20 minutes at least 4x/day for 24 hr.

Anthracyclines (doxorubicin, daunorubicin, epirubicin, idarubicin)

Dexrazoxane 1000 mg/m² = _____ mg (maximum 2000 mg) IV infused over 1 hour (final concentration 1.3-5 mg/mL) on days 1 and 2

Dexrazoxane 500 mg/m² = _____ mg (maximum 1000 mg) IV infused over 1 hour on day 3
Infuse at site distant from extravasation (e.g. opposite arm). Elevate site of extravasation. Protect from heat and direct sunlight. May apply COLD compresses, but must remove at least 15 minutes before starting infusion and do not restart until at least 15 minutes after infusion completed

Cisplatin (Only for concentration greater than 0.4mg/ml) or mechlorethamine

Sodium thiosulfate 40 mg/mL in sterile water for injection, aspirate any remaining drug from IV if possible. Further therapy may not be necessary for extravasations less than 20 mL. Dose = 2 mL for every approximate 100 mg of cisplatin extravasated (or 2 mL per mg of mechlorethamine extravasated). Inject directly through IV cannula or with five equally divided subQ injections around site using new 25 gauge needles with each injection. Elevate site of extravasation. Apply COLD compresses.

**For other chemotherapy drugs not listed above, please refer to the HMC Pharmacy website drug administration guidelines: http://infonet.hmc.psu.edu/pharmacy/admin_pdf/InfiltrateMedicationList.pdf

