Outpatient Infusion Center-Hypersensitivity Reaction Orders

Diagnosis/Indication: Treatment of hypersensitivity reactions in the outpatient infusion center

☐ Mild-Moderate Hypersensitivity Reaction
- Stop Infusion- Do Not Remove IV site or central line access
- Flush IV site with 0.9% normal saline.
- Vital Signs
  o If hypotensive: Lower head and elevate feet
  o Check pulse oximetry and titrate O2 to return saturation to patient baseline/>92%
- Notify physician or advanced practice nurse

Medications
- Administer- (use y-site or port nearest the patient)
  - DiphenhydrAMINE (Benadryl) 25-50 mg IV PRN hypersensitivity reaction (max dose 50mg)
  - MethylPREDNIsolone (Solu-Medrol) 20-40mg IV PRN hypersensitivity reaction (max dose 80mg)
  - Famotidine (Pepcid) 20mg IV PRN nausea or GI disturbances (may repeat x1, max dose 40mg)
  - Albuterol 2.5mg dose pack via nebulizer PRN dyspnea (may repeat x1, max dose 5mg)
  - Ativan 0.5-1mg IV PRN rigors or chills (max dose 1 mg)

To resume blood product infusion symptoms must be resolved and vital signs stable. If unable to resume infusion complete the Report of Transfusion Reaction form and implement to the Minor Reaction Work-up.

☐ Severe Hypersensitivity Reaction
- Stop Infusion- Do Not Remove IV site or central line access
- Call 911 and Notify physician or advanced practice nurse
- Immediately
  - Vital Signs
  o If hypotensive: Lower head and elevate feet
  o Crash cart to bedside with suction set-up
  o Continuous pulse oximetry and titrate O2 to return saturation to patient baseline/>92%

Medications
- Administer- (use y-site or port nearest the patient)
  - IV Fluid 0.9% Normal Saline 1000ml bolus (wide open)
  - DiphenhydrAMINE (Benadryl) 25-50 mg IV PRN hypersensitivity reaction (max dose 50mg)
  - MethylPREDNIsolone (Solu-Medrol) 40mg IV PRN hypersensitivity reaction (max dose 80mg)
  - EPINEPHrine 0.5mg IV every 5 minutes for hypotension or airway obstruction (up to 3 doses)
  - Albuterol 5mg dose pack via nebulizer PRN dyspnea (may repeat x1, max dose 10mg)
  - Famotidine (Pepcid) 20mg IV PRN nausea or GI disturbances (may repeat x1)

If this reaction occurs during a blood product infusion, complete the Report of Transfusion Reaction form and implement the Major Reaction Work-up.
- MD order required to resume infusion

MD Signature: Date: Time:

RN Signature: Date: Time:

Resources: Clinical Journal of Oncology Nursing - Infusion Reactions: Diagnosis, Assessment, and Management
National Cancer Institute - Common Terminology Criteria for Adverse Events