

## **ADULT FEBRILE NEUTROPENIA ORDERS**

1. Admit to oncology under Dr		-		
2. Definition Febrile neutropenia: adult patients with fever (oral temperature greater than or equal to 38.3 degrees Celsius at any time, or oral temperature greater than 38 degrees Celsius for at least one hour) and neutropenial (less than 0.5 x 10^9 neutrophils/liter or less than 1 x 10^9 neutrophils/liter with an expected decrease to less than 0.5 x 10^9 neutrophils/liter)  3. Diet □ DAT □ NPO □ Clear fluids □ Cardiac □ Diabetickcal □ Renal □ Dietitian referral  4. Activity AAT  5. Patient monitoring • Vital signs, q4h x 24 hours, then q6h • SpO₂ with vital signs • In and out q12h. Avoid catheter insertion where possible • IF SYSTOLIC BP less than 90 mmHg or HR greater than 100 bpm, or evidence of confusion, notify M.D. immediately.  6. Initial Tests CBCD, Electrolytes, eGFR (Creatinine), Urea, Total Bilirubin, ALT, LDH, Alkaline Phosphatase, Alburnin, Calcium (if not done within last 24 hours) STAT blood cultures: 1 set from each lumen of central venous access device by nurse plt 1 peripheral set (simultaneously drawn by phlebotomist). If no central venous access device, then 2 sets of peripheral cultures. □ Urine C&S □ Nasopharyngeal swab for respiratory virus device, then 2 sets of peripheral cultures. □ Urine C&S □ Nasopharyngeal swab for respiratory virus Sputum C&S □ Viral swab for mucocutaneous HSV or VSV □ CXR in a.m. □ Stool for C-Diff 7. Central venous access device dressing change and flush as per policy  IV Fluids □ Bolus IV 0.9% Sodium Chloride volume □ mL over □ hours After bolus IV finished: □ IV fluid of □ at a rate of □ mL/h, reassess in □ hours □ IF Hgb less than 80 g/dL: Transfuse 2 units PRBCs □ IF Platelet count less than 10 x10 <sup>9</sup> /L: Transfuse 5 units platelets □ diphenhydrAMINE 50 mg PO x 1 plus Acetaminophen 650 mg PO x 1 30 minutes pre transfusion of platelets	CLERK	NURSE		Order Set:/FEBNO.SR
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irradiated, etc.)				☐ IF Hgb less than 80 g/dL: Transfuse 2 units PRBCs ☐ IF Platelet count less than 10 x10 <sup>9</sup> /L: Transfuse 5 units platelets ☐ diphenhydrAMINE 50 mg PO x 1 plus Acetaminophen 650 mg PO x 1 30 minutes pre transfusion of platelets **Clarify with medical oncologist as to any specific blood requests (i.e. CMV negative,