Join the members of the Neutropenia Special Interest Group for a discussion of the 2014 Putting Evidence Into Practice (PEP®): Improving Oncology Patient Outcomes—Prevention of Infection Resource. They’ll teach you how you can apply these resources to your practice, including developing clinical and patient education materials.

Content Area: Clinical Practice

Content Level: Intermediate

Coordinator:
Barbara Wilson, MS, RN, AOCN®, ACNS-BC
CNS, Director, Oncology Professional Practice
WellStar Regional Medical System
Marietta, GA
bwlsn56@aol.com

Full Disclosure:
AMGEN. Nurse Speakers Bureau

Speaker:
Janet Cogswell, RN, APRN, AOCN®
Nurse Manager, Hematology/Oncology Inpatient and Outpatient
VA NJ Healthcare System
East Orange, NJ
janet.cogswell@gmail.com

Full Disclosure:
Nothing to Disclose

Content Outline:

I. Describe components included in comprehensive risk for infection.
   A. High, intermediate, low
      1. ANC levels
      2. Transplant allogeneic vs. autologous vs. standard therapy
   B. Patient-related factors
      1. Age and gender
      2. Comorbidities
      3. Performance status
   C. Disease-related factors
      1. Bone marrow involvement
      2. Advanced disease, hematologic, and specific solid tumors
   D. Treatment-related factors
      1. Treatment intent
      2. Intensity of chemotherapy, specific agents

II. Discuss evidence for pharmacologic prophylaxis.
   A. Primary prophylaxis
      1. Growth factors
      2. Antimicrobials

III. Describe personal care/health practices recommended to prevent infection.
   A. Hand hygiene, oral care, and safe sexual practices
   B. Measures to prevent catheter-related infections
   C. Vaccinations
   D. Safe food handling