

## ONCOLOGY CASE STUDY #2

### Chief Complaint

Anne Marie, age 65, is being treated for Non-Hodgkin's Lymphoma. She began her chemotherapy treatment 2 weeks ago. On Day 13 following the beginning of chemotherapy, she is brought to the Emergency Room by her husband, with fever of 103 F, chills and feeling faint. She is admitted to the hospital, started on empiric antibiotics (Vancomycin, Ceftazadime) and 48 hours later strep viridans is identified from the blood culture. When completing the history and physical, including a HEENOT exam, the NP observes that evidence of white coating of her tongue, red inflamed and bleeding gums.

**Medications:** R-CHOP, administered in 3-week cycles

**Family History:** No family history of cancer. Lives with husband; 2 adult children live in the same city.

**Physical Exam:** Alert, thin, reports difficulty eating b/c of pain on chewing, has chills, feels weak and faint; BP 96/50, Respirations=28 and Temperature 103F

**HEENOT Exam:** Winces during oral exam; white coating on tongue, redness and swelling along front gum line. Blood oozing from gums.

### DISCUSSION

Using the 4 IPEC Competencies (2016) related to:

1. Working with individuals of other professions to maintain a climate of mutual respect and shared values (Values/Ethics for Interprofessional Practice);
2. Using the knowledge of one's own role and those of other professions to appropriately assess and address the health care needs of patients and to promote and advance the health of populations (Roles/Responsibilities);
3. Communicating with patients, families, communities, and professionals in health and other fields in a responsive and responsible manner that supports a team approach to the promotion and maintenance of health and the prevention and treatment of disease (Interprofessional Communication);
4. Applying relationship-building values and the principles of team dynamics to perform effectively in different team roles to plan, deliver and evaluate patient/population-centered care and population health programs and policies that are safe, timely, efficient, effective, and equitable (Teams and Teamwork).

**Please collaborate as a team to develop a management plan for the above patient.**

- Oral-Systemic Risk Assessment
  - Identify the oral-systemic assessment findings (Hx and PE HEENOT)
  - What does the history and physical tell us about this patient?
  - What additional data do you need to collect (eg. labs, diet and exercise, etc)?
  - Identify oral-systemic risk factors

- Differential Diagnosis(es)
  - Identify the tentative diagnoses for the oral health problems
  - Identify the tentative diagnoses for the systemic health problems
  - Discuss the important oral-systemic connections
- Develop a management plan for the oral-systemic conditions affecting this patient, including:
  - Preventive interventions that include screening and behavior change counseling that are fundamental to patient-centered care
  - Anticipatory guidance
  - Oral health maintenance
  - Collaboration and referral

### **Questions to Guide Your Interprofessional Collaboration**

- Roles and Responsibilities
  - What is the scope of the role and responsibilities of each of the providers on your team today?
- Collaboration
  - How can the Nurse Practitioner, Dentist, Physician, Pharmacist, and Social Worker collaborate to promote this patient's health?
- Team Building & Communication
  - What do you think are the most effective strategies to help a Nurse Practitioner, Physician, Dentist, Pharmacist, and Social Worker function as a community-based primary care team?
  - What are the most effective ways for the IP team to communicate?
- Referrals and Follow-up
  - What providers does this patient need to see? When? How often?
  - What are the appropriate follow-up actions for each member of the primary care team?