DAY 1

8:00 – 8:15 am Welcome & Course Overview

8:15 – 9:45 am Health Promotion, Screening, and Early Detection (6%)
Topics to be covered:
- Epidemiology (i.e., at-risk populations including cultures; socioeconomic status; age; occupations)
- Prevention (i.e., high risk behaviors; preventive health practices)
- Risk factors for cancers
- Screening
- Early detection
- Risk reduction guidelines
- Diagnostic testing

9:45 – 10:15 am Professional Performance (8%)
Topics to be covered:
- Local, state & national resources
- Application of statement on scope of practice and standards of oncology nursing practice
- Sources of data for EBP
- Education process (teaching & learning principles)
- Legal, ethical issues
- Patient advocacy
- Quality assurance
- Professional development
- Multidisciplinary collaboration

10:15 – 10:30 am Break

10:30 – 12:30 pm Scientific Basis for Practice (9%)
Topics to be covered:
- Carcinogenesis
- Immunology
- Genetics
- Specific cancers (pathophysiology, diagnostic measures, prognosis)
- Classification (tumors, grading, staging)
- Common metastatic sites
- Research protocols and clinical trials

12:30 – 1:30 pm Lunch

1:30 – 2:15 pm Survivorship (8%)
Topics to be covered:
- Psychosocial, physical and cognitive alterations
- Issues (financial, employment, insurance, discrimination, family and social support)
- Acute and late effects
- Recurrence and/or secondary malignancies
- Rehabilitation & long-term follow-up
2:15 – 4:00 pm  **Treatment Modalities (16%)**  
Topics to be covered:  
• Vascular access devices  
• Surgery  
• Radiation  
• Targeted therapies  
• Biotherapy  
• Chemotherapy  
• Hematopoietic stem cell transplant  
• Complementary, alternative and integrative modalities

**DAY 2**  
8:00 – 11:00 am **Symptom Management (22%)**  
Topics to be covered:  
• Etiology and patterns of symptoms  
• Toxicity and rating scales  
• Alterations in comfort, protective mechanisms, GI GU, respiratory, circulatory & neuro function; alterations in nutrition; anatomical and surgical alterations; pharmacologic (antimicrobials, antiemetics, analgesics, psychotropic, growth factors) & non-pharmacologic interventions (heat, massage, imagery); complementary, alternative & integrative modalities

11:00 – 11:30 noon **End of Life Care (11%)**  
Topics to be covered include:  
• Grief & bereavement process  
• Reimbursement issues & community resources  
• Hospice (principles, settings for care)

11:30 – 12:30 pm  **Lunch**

12:30 – 2:00 pm **Psychosocial Dimensions of Care (8%)**  
Topics to be covered:  
• Cultural, spiritual and religious diversity  
• Financial concerns  
• Psychosocial disturbances  
• Anxiety, loss, grief, depression  
• Altered body image  
• Loss of personal control  
• Patient and family support groups  
• Learning styles and barriers to learning  
• Social relationships  
• Coping mechanisms and skills

2:00 – 2:15 pm  **Break**

2:15 – 4:00 pm  **Oncologic Emergencies (12%)**  
Topics to be covered:  
• DIC  
• SIADH  
• Septic shock  
• Tumor lysis syndrome  
• Hypersensitivity/anaphylaxis  
• Hypercalcemia  
• Cardiac tamponade  
• Spinal cord compression  
• Superior vena cava syndrome  
• Increased intra-cranial pressure

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