



The OCN® Prep Study Group

Lorraine McEvoy, RN, MSN, DNP, OCN®
 Certification Advocate

OBJECTIVES	CONTENT	TIME FRAME	INSTRUCTOR	METHOD
Upon completion of this course, the participants will be able to:	Course Overview	8:00-8:15	Lorraine McEvoy DNP, MSN, RN, OCN	Course Packet
Describe characteristics of cancer cellular kinetics vs normal cellular kinetics	Week 1 <ul style="list-style-type: none"> • Carcinogenesis • Cell cycle & mitosis • Comparison of normal & malignant cells • Epidermal Growth Factors • Tumor growth patterns • Tumor angiogenesis and related treatment • Apoptosis • Normal Cellular Kinetics • Malignant Cellular Kinetics • Tumor Growth Patterns • Stages of Invasion & Dissemination • Criteria for causation of carcinogenesis 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides
Explain statistics related to cancer epidemiology: incidence, prevalence and mortality	Week 2 <ul style="list-style-type: none"> • Epidemiology • American Cancer Society's leading incidence and mortality sites in men and women • Cancer risk factors • Levels of Prevention • Classification of Tumors 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides
Discuss tumor staging and grading	<ul style="list-style-type: none"> • Staging: <ol style="list-style-type: none"> a) Definition b) Purpose c) TNM staging system • Grading: <ol style="list-style-type: none"> a) Definition b) Purpose 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides
Self Study Assignment #1	Week 2 Professional Issues in Oncology	Self Learning Module	Student & Faculty	Self Learning Module

	Nursing			And Post Test
Explain principles assessment, risk, screening, symptoms, spread of disease, treatment and nursing care for each major cancer type	Week 3 Prostate Cancer <ul style="list-style-type: none"> • Causes • Incidence and risk • Screening guidelines • Symptoms & staging • The Gleason Score • Spread of Disease • Treatment • Immunotherapy • Hormone Manipulation 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides
Explain principles assessment, risk, screening, symptoms, spread of disease, treatment and nursing care for each major cancer type	Week 4 Breast Cancer <ul style="list-style-type: none"> • Causes • Risk & Genetic Susceptibility • Symptoms • Early Warning Signs • Diagnosis • Staging • Treatment • HER-2 • Breast Cancer Prevention 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides
Self Study Assignment #2	Week 4 Hormonal Therapy in Cancer Treatment for Men and Women	Self Learning Module	Student & Faculty	Self Learning Module And Post Test
Explain principles assessment, risk, screening, symptoms, spread of disease, treatment and nursing care for each major cancer type	Week 5 Lung Cancer <ul style="list-style-type: none"> • Incidence, prevalence, mortality • Risk factors • Genetic mutations • Types of disease • Treatment • Nursing considerations Brain Tumors <ul style="list-style-type: none"> • Primary brain tumors • Grading • Stats and Facts 	8:00 – 9:00 60 minutes	Mary Elizabeth Davis MSN, RN, AOCNS	Lecture Discussion Slides

	<ul style="list-style-type: none"> • Diagnosis • Treatment • Nursing considerations 			
Self Study Assignment #3	Week 5 Cancer Pain Management	Self Learning Module	Student & Faculty	Self Learning Module And Post Test
Explain principles assessment, risk, screening, symptoms, spread of disease, treatment and nursing care for each major cancer type	Week 6 Gastrointestinal Cancers <ul style="list-style-type: none"> • Colorectal Ca • Acquired mutations • Risk • Screening • Surgery • Radiation Therapy • Chemotherapy • Nursing considerations Esophageal Cancer <ul style="list-style-type: none"> • Signs & Symptoms • Diagnosis & staging • Treatment • Nursing Considerations Gastric Cancer <ul style="list-style-type: none"> • Risk Factors • Treatment Pancreatic Cancer <ul style="list-style-type: none"> • Signs & Symptoms • Diagnosis & Staging • Treatment Genitourinary Disturbances <ul style="list-style-type: none"> • Urinary Diversions 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides
Self Study Assignment #4	Week 6 The Problem of Fatigue in Cancer	Self Learning Module	Student & Faculty	Self Learning Module And Post Test
Discuss principles for the use of conventional chemotherapeutic agents in cancer treatment	Week 7 Chemotherapy, Biologic & Targeted Therapies <ul style="list-style-type: none"> • Understanding Chemotherapy • The Cell Cycle • Approaches the Chemo 	8:00 – 9:00 60 minutes	Mary Elizabeth Davis MSN, RN, AOCNS	Lecture Discussion Slides

	<ul style="list-style-type: none"> • Combination Chemotherapy • Methods of Administration • Types & Classifications • Alkylating Agents • Nitrosoureas Agents • Anti-tumor Antibiotics • Antimetabolites • Plant Alkaloids • Topoisomerase Inhibitors • Taxanes 			
Explain the role chemotherapy/biotherapy in cancer care, and common complications related to treatment with these modalities	<p>Week 8 The role of Chemotherapy / biotherapy in Cancer Care</p> <ul style="list-style-type: none"> • Modes of cancer therapy • Biologic Therapies • Molecular Targeted Therapies • Monoclonal Antibodies <p>Complications of Chemotherapy/Biotherapy</p> <ul style="list-style-type: none"> • Exposure • Spill • Anaphylaxis • Hypersensitivity Reactions • Extravasation • Flare Reaction 	8:00 – 9:00 60 minutes	Mary Elizabeth Davis MSN, RN, AOCNS	Lecture Discussion Slides
Self Learning Assignment #	Week 8 Complimentary, Alternative and Integrative Modalities in Cancer Care	Self Learning Module	Student & Faculty	Self Learning Module And Post Test
Discuss the role of Radiation Therapy in Cancer Care and common terms, safety and side effects related to this treatment modality	<p>Week 9 Radiation Therapy (RT)</p> <ul style="list-style-type: none"> • Overview of RT • Delivery Sources • Radiosensitivity • Terms • Occupational Safety • Side Effects • Skin Care Standards • Patient Education • Radiosensitizers 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides

	<ul style="list-style-type: none"> • Radioprotectants 			
Self Learning Assignment #	Week 9 Hypercalcemia in Cancer	Self Learning Module	Student & Faculty	Self Learning Module And Post Test
Discuss the role of the Hematopoietic system, indicators of myelosuppression and common diagnostic studies R/T an immune-compromised host	Week 10 Hematopoiesis & Myelosuppression <ul style="list-style-type: none"> • Hematopoiesis • Cytokines • Cell Lines • Diagnostic Studies • ANC • Neutropenia • Anemia • Thrombocytopenia 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides
Describe the pathophysiology and risk for Sepsis, and recognize the distinction between early and late signs & symptoms of Sepsis,	Week 11 Sepsis and Septic Shock <ul style="list-style-type: none"> • Definition • Pathophysiology • Risk Factors • SIRS • Early Signs & Symptoms • Late Signs & Symptoms • Assessment • Pertinent Labs • Biochemical Markers • Medical Management • Nursing Care 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides
Explain principles of pathophysiology, risk factors, presentation, staging and grading and nursing assessment for each hematologic cancer type	Week 12 Hematologic Malignancies <ul style="list-style-type: none"> • Lymphoma Pathology • Hodgkins Lymphoma • Non-Hodgkins • Presentation, Staging & Diagnosis • Treatment • Leukemia • Diagnosis • Classifying Leukemia • Clinical Manifestations 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides

	<ul style="list-style-type: none"> • Multiple Myeloma • Risk Factors • Diagnosis & Staging • Treatment 			
Self Learning Assignment #	Week 12 Blood Transfusion Therapy	Self Learning Module	Student & Faculty	Self Learning Module And Post Test
Describe one strategy of nursing management for each common complication of treatment or disease	Week 13 <u>GI Toxicities with Cancer Treatment</u> <ul style="list-style-type: none"> • Alterations in Nutrition • Taste alterations • Xerostomia • Mucositis • Anorexia • Dysphagia • Nausea / vomiting • Electrolyte imbalance • Cachexia • Ascitis 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides
Describe one strategy of nursing management for each common complication of treatment or disease	Week 14 Cardiopulmonary Complications of Cancer: <ul style="list-style-type: none"> • Dyspnea • Pleural effusion • Pericardial effusion • Cardiac tamponade • Superior vena cava syndrome • Treatments • Symptom Management • Medical Management • Nursing Care 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides
Self Learning Assignment #	Week 14 Sexuality and Cancer	Self Learning Module	Student & Faculty	Self Learning Module And Post Test
Describe one strategy of nursing management for each neurologic	Week 15 Alterations in Neurologic Function	8:00 – 9:00 60 minutes	Mary Elizabeth Davis	Lecture Discussion

complication of treatment or disease	<ul style="list-style-type: none"> • Neuropathy • Etiology & Risk Factors • Signs & Symptoms • Mental Status Changes • Impaired Physical Mobility • Increased Intracranial Pressure • Clinical Presentation • Collaborative Management • Spinal Cord Compression • Symptoms & Diagnosis • Treatment Modalities 		MSN, RN, AOCNS	Slides
Self Learning Assignment #	Week 15 Hospice and Palliative Care	Self Learning Module	Student & Faculty	Self Learning Module And Post Test
Explain the pathophysiology and clinical manifestations of each metabolic oncologic emergencies	Week 16 The Metabolic Oncologic Emergencies: <ol style="list-style-type: none"> 1. Identify risk factors 2. Pathophysiology 3. Signs and symptoms 4. Medical and nursing management <ul style="list-style-type: none"> • DIC (disseminated intravascular coagulation) • TLS (tumor lysis syndrome) • SIADH (syndrome of inappropriate anti-diuretic hormone) 	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Lecture Discussion Slides
Discuss concepts of cancer survivorship, national guidelines and the role of the nursing professional	Week 17 Survivorship <ul style="list-style-type: none"> • National Cancer Act • Who is a cancer survivor? • IOM report on Survivorship • Component of survivorship care • Surveillance • Laws protecting cancer survivors • Quality of life 	8:00 – 9:00 60 minutes	Mary Elizabeth Davis MSN, RN, AOCNS	Lecture Discussion Slides
Demonstrate the use of one concept learned to clinical scenarios	Week 18 Practice questions for OCN exam	8:00 – 9:00 60 minutes	Lorraine McEvoy DNP, MSN, RN, OCN	Slides Discussion

Please note: This course is not developed, provided, sponsored, or endorsed by ONCC, and the content may or may not be reflective of an actual certification test. Participation in a review course does not guarantee successful completion of a certification test.