BMTCN® Exam Review

Course Description
This program is designed for transplant and cellular therapy oncology nurses preparing for the Oncology Nursing Certification Corporation BMTCN Exam. The review follows the 2022 BMTCN content outline. Concepts include foundations of transplant, transplant process and infusion, early and late transplant management and education, quality of life and professional performance. This is not an introductory program but a comprehensive review of TCT oncology practice.

Program Learning Outcomes
This program prepares the learner to:
• Self-report at a 90% rate an increase in knowledge and test readiness in order to challenge the test and continue to provide optimum care for the transplant and cellular therapy patients.

Agenda
Sign-in begins at 7:30 am. The day includes a one-hour lunch (on your own), as well as a morning and afternoon break of 15 minutes each. The order of lectures presented and break times may vary according to speaker preference.

8:00 am to 4:30 pm
Eligibility Criteria for Initial Certification
Application and Testing Process | Study Recourses | Test-Taking Tips
Basic Concepts of Transplantation
Cell Lineage and Function | Immune System and Function | Goals of Therapy | Indication for Transplant
Types of Transplants and Cellular Therapies
Autologous | Allogenic | Immune Effector Cells
Sources of Stem Cells
Peripheral Blood | Bone Marrow | Umbilical Cord Blood
Recipient Suitability & Evaluation
Eligibility Education | Caregiver Education | Donor Selection, Care and Education
Stem-Cell Procurement
Mobilization | Processing Procedure | Storage of Cellular Product
Preparative Regimens
Intensity of Therapy | Chemotherapy | Radiation Therapy | Biotherapy | Immunotherapy | Targeted Therapies
Stem-Cell Infusion
Fresh and Cryopreserved | Infusion Management | Hematologic ABO Incompatibilities
Types of GVDH
Toxicity and Grading Scales
Common Symptoms to Manage GVHD | Early Post-Transplant Management
Immunosuppressive Therapy | Infection Prevention and Management of Sepsis | Hematologic | Immune Reconstitution | Nutritional Support | Acute System-Specific Complications | Graft Rejection and Failure
Lunch 12:30 pm to 1:30 pm
Late Post-Transplant Management and Education
GVHD | System-Specific Late Effects | Infection Prevention | Disease Relapse | Malignancy | Follow-Up Care/Visits
Quality of Life
Navigation and Coordination of Care | Psychosocial | Ethical and Legal Consideration
Evaluation

(continued)
Accreditation

RN/LPN/LVN/Other: 7 Contact Hours
Includes 1 Pharmacology Contact Hour

MED-ED, Inc is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

MED-ED, Inc. is an approved provider by the following State Boards of Nursing: Florida/FBN 50-1286, Iowa/296, California #CEP10453.

If your profession is not listed, we suggest contacting your board to determine your continuing education requirements and ask about reciprocal approval. Many boards will approve this seminar based on the accreditation of the boards listed here.

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