

Stem Cell Transplant Course

Wednesday, November 6, and Wednesday, November 13, 2024
UPMC Hillman Cancer Center
Virtual via Microsoft Teams

Objectives

The learner will be able to:

1. Discuss the role of stem cell transplant in cancer and other diseases.
2. Compare and contrast the role of autologous, allogeneic, haploidentical, and cord blood transplant in treating hematological malignancies.
3. Understand preparative regimen chemotherapy and what preparative regimen is indicated based on disease and other comorbidities.
4. Understand the transfusion needs surrounding patients who need or receive a stem cell transplant.
5. Describe appropriate interventions for the management of transplant associated complications including acute and chronic graft versus host disease, infection, and organ toxicities.
6. Describe the process of pre transplant evaluation, mobilization, cell collection, cell infusion, and troubleshooting infusion related complications for transplant patients and donors.
7. Understand HLA typing and donor selection for allogeneic and haploidentical transplants.
8. Understand the purpose and importance of immunosuppression in the stem cell transplant population.
9. Identify the role of rehabilitation resources in patients undergoing stem cell transplant.
10. Understand the short term and long term follow up requirements and role of survivorship care planning, including patient education across the transplant continuum of care.
11. Recall the clinical background of chimeric antigen receptor modified T-cells and the diseases indicated for this type of treatment.
12. Discuss the outpatient management of a stem cell transplant patient.
13. Recall the nursing care considerations of a patient receiving CAR T-cell therapy.

Schedule: Wednesday, November 6, 2024

7:30 AM	Microsoft Teams Log on and Registration	
8:00 AM	Welcome and Course Overview	Lynne O'Connor, MSN, RN, OCN
8:15 AM	Overview of Hematopoietic Stem Cell Transplant	Brittni Prosdocimo, MSN, RN, BMTCN
8:45 AM	Immunosuppression	Wendy Lucas, MSN, RN, CCRN, CCNS, BMTCN
9:15 AM	Role of Rehabilitation	Erin Kerr, PT, DPT, GCS
9:45 AM	Break	
9:55 AM	Haploidentical Transplant	Sawa Ito, MD, PhD
10:25 AM	Preparative Regimens	Melissa Bastacky, PharmD, BCOP
11:15 AM	Organ Complications	Heather Poole, CRNP
12:05 PM	Outpatient Care of the SCT Patient	Heather Poole, CRNP
12:30 PM	Lunch	
1:00 PM	Pre-SCT Evaluation	Brittni Prosdocimo, MSN, RN, BMTCN
1:50 PM	Stem Cell Administration: Management, Patient Education, and Troubleshooting	Jackie Wojton, BSN, RN, OCN
2:40 PM	Break	
2:50 PM	Communication Skills	Shannon Joy, CRNP
3:35 PM	Review and Evaluations	
3:40 PM	Adjournment	Lynne O'Connor, MSN, RN, OCN

Schedule: Wednesday, November 13, 2024

7:30 AM	Microsoft Teams Log On	
8:00 AM	Welcome and Overview	Lynne O'Connor, MSN, RN, OCN
8:05 AM	Mobilization, Growth Factors, and Collection	Amanda Blasko, BSN, RN
8:30 AM	CAR T-Cell Clinical Background	Alison Sehgal, MD
9:00 AM	Transfusion Issues in SCT	Darrell Triulzi, MD
9:50 AM	Break	
10:00 AM	RN Care of the CAR T Patient	Jennifer Minnier, PA-C
10:30 AM	HLA Typing	Ashur Dee-Brown, MSN, RN, BMTCN
11:00 AM	Psychosocial Issues During Transplant	Melissa Potter, MSW, LCSW, OSW-C
11:30 AM	Lunch	
12:15 PM	Infections: Risks, Prophylaxis, Treatment	Nichole Miller, PA-C
1:05 PM	Discharge Teaching and Follow-Up	Megan Marmol, BSN, RN
1:45 PM	Break	
2:00 PM	Acute Graft Versus Host Disease	Abigail Bollinger, PA-C
2:45 PM	Chronic Graft Versus Host Disease	Abigail Bollinger, PA-C
3:20 PM	Review and Evaluations	Lynne O'Connor, MSN, RN, OCN
3:30 PM	Adjournment	

Faculty Listing

*Melissa Bastacky, PharmD, BCOP
Oncology Clinical Pharmacist
UPMC Shadyside*

*Amanda Blasko, BSN, RN
Oncology Clinical Coordinator
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*Ashur-Dee Brown, MSN, RN,
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Program Manager,
Cellular Therapy
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*Sawa Ito, MD, PhD
Assistant Professor
Hematopoietic Stem Cell
Transplant and Cell Therapy
Department of Medicine
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*Shannon Joy, CRNP
Nurse Practitioner
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Supervisor, Rehab Service,
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University of Pittsburgh Adjunct
Professor,
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*Wendy Lucas, MSN, RN, CCRN,
CCNS, BMTCN
Advanced Clinical Education
Specialist
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*Megan Marmol, BSN, RN
Sr. Professional Staff Nurse
UPMC Shadyside 6 West*

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Physician Assistant
Stem Cell Transplant Service
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*Jennifer Minnier, PA-C
Physician Assistant
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*Lynne O'Connor MSN, RN, OCN
Advanced Clinical Education Specialist
Manager, Professional and Patient
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*Darrell Triulzi, MD
Professor of Pathology
University of Pittsburgh
Medical Director the Institute for
Transfusion Medicine*

*Jackie Wojton, BSN, RN, OCN
Clinician, 6 West
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Contact Hours

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

The University of Pittsburgh has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 13 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

The maximum number of hours awarded for this Continuing Nursing Education activity is 13 contact hours.

To receive 13 Contact Hours, the learner must sign in attendance each day, attend both days of the course virtually via TEAMS, and complete the activity evaluation.

Disclosure of Conflicts of Interest:

All individuals in a position to control the content of this education activity are required to disclose all relevant financial relationships with any proprietary entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

The following information was provided:

Melissa Bastacky, Amanda Blasko, Abigail Bollinger, Ashur-Dee Brown, Sawa Ito, Shannon Joy, Erin Kerr, Wendy Lucas, Megan Marmol, Nichole Miller, Jennifer Minnier, Lynne O'Connor, Melissa Potter, Heather Poole, Brittini Prosdocimo, Jackie Wojton, and the planning committee for this activity did not have any relevant financial relationships with a commercial interest.

The following information was disclosed:

Darrell Triulzi: Consultant: Fresenius, Kabi

Alison Sehgal: Grant/Research Support: BMS, Kite, Chimagen, Cytoagents; CE Speakers' Bureau: PeerView.