

# Heme Cell Therapy (HCT)

ME 440.99

## General Information

**COURSE CHAIR:** Noah Merin, MD, PhD

**STUDENT COORDINATOR'S CONTACT INFORMATION:**

**PHONE:** 310-423-5161 **\*EMAIL** [GroupMedicineEducationAdmin@cshs.org](mailto:GroupMedicineEducationAdmin@cshs.org)

**STUDENTS/PERIOD:** Max: one Min: one

**DURATION:** Three weeks

Please visit our [VSLO](#) catalog for dates and to submit your application.

## Description

Designed for students with an interest in hematologic malignancies and hematopoietic stem cell transplant. Students will do a work-up and admit and manage three to four patients per week with various neoplastic diseases.

Typical patients include those with acute leukemia, lymphoma, and those undergoing autologous or allogeneic stem cell, transplants, or CAR T-cell therapy. Students will be involved in the continuous care of these patients, including management of internal medicine problems as a complication of the disease and its treatment. Students will review patient data, including laboratory data, bone marrow biopsies and radiographs. Students will also become knowledgeable in the management of severe anemia, thrombocytopenia and neutropenic fever.

## Course Objectives

1. Learn how to evaluate patients with blood malignancies.
2. Management of oncologic and hematologic disorders.
3. Management of therapy-related complications.
4. Evaluation and management of internal medicine problems in blood cancer patients.
5. Management of psychological aspects of neoplastic disorders.
6. Management of terminal illness-palliative care.
7. Management of bone marrow transplant patients.
8. Management of neutropenic fevers.

## Student Experiences

**COMMON PROBLEMS/DISEASES:**

- Leukemia
- Lymphoma
- Multiple myeloma
- Neutropenic fever
- Stem cell transplantation

**INPATIENT:** 90%

**OUTPATIENT:** 10%

**CONSULTATION:** 0%

**PRIMARY CARE:** 100%

**CLOSE CONTACT WITH:**

- Full-time faculty
- Clinical faculty
- Fellows
- Residents
- Interns

## Heme Cell Therapy (HCT)

### Typical Schedule

Approx. # of Patients Evaluated Each Week by Student	3
Approx. # of Patients Evaluated Each Week by Service	10
Typical Monday	8:00am – 10:30am: Work Rounds 12:00pm – 1:00pm: Noon Conference – Work Rounds 2:00pm – 3:00pm: Hem./Onc. Lectures Rotating med students can come to AHSP 7th floor Hematology clinic any afternoon, Mon-Thurs. It is optional, after learning opportunities on the inpatient unit are fulfilled.
Typical Tuesday	8–9 a.m.: Heme. Onc. – Grand Rounds p.m.: Work Rounds 2:00pm – 3:00pm: Hem./Onc. Lectures Rotating med students can come to AHSP 7th floor Hematology clinic any afternoon, Mon-Thurs. It is optional, after learning opportunities on the inpatient unit are fulfilled.
Typical Wednesday	8:00am – 10:30am: Work Rounds 12:00pm: Hem/Onc Tumor Board 2:00pm – 3:00pm: Hem./Onc. Lectures Rotating med students can come to AHSP 7th floor Hematology clinic any afternoon, Mon-Thurs. It is optional, after learning opportunities on the inpatient unit are fulfilled.
Typical Thursday	8:00am – 10:30am: Work Rounds p.m.: Work Rounds 2:00pm – 3:00pm: Hem./Onc. Lectures Rotating med students can come to AHSP 7th floor Hematology clinic any afternoon, Mon-Thurs. It is optional, after learning opportunities on the inpatient unit are fulfilled.
Typical Friday	8:00 am - 8:30 am: Work Rounds 8:00 am - 9:30 am: Grand Rounds p.m.: Work Rounds
On-Call Schedule	<del>N</del> Every third night call.
Weekend Activities	Every third night call.
Additional Comments/Special Requirements	NONE