

Heart Failure & Transplantation

ME 410.99

General Information

COURSE CHAIR: Michelle M. Kittleson, MD, PhD

STUDENT COORDINATOR'S CONTACT INFORMATION

PHONE: 310-423-5161 ***Email:** GroupMedicineEducationAdmin@cshs.org

STUDENTS/PERIOD: Max: 2 Min: 1

DURATION: Three weeks

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

Requirement(s)

- USMLE Transcript of Scores

Description

Students will gain an understanding of the physical examination, diagnosis- and management of patients with advanced heart failure, including the role of evidence-based therapies, pulmonary artery catheterization and heart transplantation. They will also learn to manage the long-term complications of patients post heart transplantation.

Course Objectives

- Gain knowledge in the pathophysiology, natural history, appropriate diagnostic evaluation, and therapeutic approach to heart failure.
- Demonstrate proficiency in the physical exam findings of decompensated heart failure.
- Apply evidence-based medicine to the treatment of decompensated heart failure.
- Use hemodynamic data from pulmonary artery catheterization to guide therapy of patients with decompensated heart failure or heart transplant rejection.
- Develop a basic understanding of the interpretation of echocardiograms, pulmonary artery catheterization, and coronary angiograms.
- Identify the indications and contraindications to heart transplantation.
- Understand the pharmacology of immunosuppression therapy and treatment of heart transplant rejection.
- Gain knowledge of the common short - and long - term complications of heart transplantation.

Student Experiences

COMMON PROBLEMS/DISEASES:

- Acute decompensated heart failure
- Cardiac arrhythmias
- Myocardial infarction
- Heart transplant rejection
- Opportunistic infections after transplantation

INPATIENT: 100%

CONSULTATION: 10%

PRIMARY CARE: 90%

CLOSE CONTACT WITH

- Full-time faculty
- Clinical faculty
- Fellows
- Residents
- Interns
- Nurse practitioners and pharmacists



Cardiology: Heart Failure & Transplantation

Typical Schedule

Approx. # of Patients Evaluated Each Week by Student	10-15
Approx. # of Patients Evaluated Each Week by Service	50-70
Typical Monday	<p>7:30 a.m. - Pre-rounds with resident/intern 9-10:30 a.m. - Rounds with attending and fellow 10:30-11 a.m. - Didactic teaching with attending 11 a.m.- noon - Follow up Noon-1 p.m. - Noon conf. 1-4 p.m. - Admissions, follow up of patients, bedside teaching with fellow, review of studies 4-5 p.m.- Sign-out rounds with resident/fellow</p>
Typical Tuesday	<p>7:30 a.m. - Pre-rounds with resident/intern 9-10:30 a.m. - Rounds with attending and fellow 10:30-noon - Follow up of patients noon-1 p.m. - Noon conf. 1:00- 4 p.m. - Admissions, follow up of patients, bedside teaching with fellow, review of studies 4-5 p.m. - Sign out rounds with resident/fellow</p>
Typical Wednesday	<p>7:30 a.m. - Pre-rounds with resident/intern 9-10:30 a.m. - Rounds with attending and fellow 10:30-11 a.m. - Didactic teaching with attending 11 a.m.–noon - Follow up noon- 1 p.m. - Noon conf. 1- 4 p.m. - Admissions, follow up of patients, bedside teaching with fellow, review of studies 4-5 p.m. - Sign-out rounds with resident/fellow</p>
Typical Thursday	<p>7:30 a.m. - Pre-rounds with resident/intern 9-10:30 a.m. - Rounds with attending and fellow 10:30 a.m.-noon- Follow up of patients noon-1:00 p.m. - Noon conf. 1- 4 p.m. - Admissions, follow up of patients, bedside teaching with fellow, review of studies 4- 5 p.m. - Sign out rounds with resident/fellow</p>
Typical Friday	<p>7:30 a.m. - Pre-rounds with resident/intern 9-10:30 a.m. - Rounds with attending and fellow 10-11 a.m. - Didactic teaching with attending 11- noon - Follow up 1 p.m. - noon conf. 1-4 p.m. - Admissions, follow-up of patients, bedside teaching with fellow, review of studies 4- 5 p.m. - Sign-out rounds with resident/fellow</p>
On-Call Schedule	NONE
Weekend Activities	One weekend day per week
Additional Comments/Special Requirements	NONE