

## Cardiology

Location: VISALIA MEDICAL CLINIC, Visalia CA Revised 03/10/22

### Clerkship Director:

Dr. Omar Guzman

### MS COORDINATOR:

Lizet Reynoso

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### PHONE #

559-624-2552

**PREREQUISITE:** Kaweah Delta Clearance

**DURATION:** 4 weeks

**DATES OFFERED:** July - June

### ROTATION START DATES:

Block#	Start Date	End Date
1	6/20/22	7/15/22
2	7/18/22	8/12/22
3	8/15/22	9/9/22
4	9/12/22	10/7/22
5	10/10/22	11/4/22
6	11/7/22	12/2/22
7	12/5/22	12/30/22
8	1/2/23	1/27/23
9	1/30/23	2/24/23
10	2/27/23	3/24/23
11	3/27/23	4/21/23
12	4/24/23	5/19/23
13	5/22/23	6/16/23

**NUMBER OF STUDENTS:** Maximum of 2 students

**VISITING STUDENTS:** Yes

### DESCRIPTION:

Clinical Shifts will be Monday-Friday 8:00am-5:00pm (Schedules are subject to change at the attending discretion). Students will see a wide range of cardiac patients in outpatient setting. The rotation is heavily catered toward the student's individual need in order to improve their grasp on cardiovascular medicine. During this rotation, students will also have opportunities to scrub into cases. All students will have the opportunity to participate in our Street Medicine outings.

### EVALUATION:

All end of rotation evaluations will be sent to the Medical Student Coordinator. The coordinator will distribute for completion and will send completed form to school.

### \*Selective Attendance and Illness Policy

In order to insure adequate clinical exposure, no more than 3 days of excused absences, including interview days can be accepted during your rotation. While excused, these days must be made up. This policy does not imply that absences are guaranteed; absences may be excused at the discretion of the faculty. Absence due to illness must be reported to the Coordinator as well as the faculty or his/her designee as soon as possible. In case of extended absence (2 days or more), a note from a physician (who is not a relative) is required and the absence will be reported to the Office of Student Affairs. A physician note may be requested for any absence, at the discretion of the faculty. **Any planned absence must be registered with the coordinator prior to the first day of the rotation.** Further attendance requirements may be covered during the first day orientation.

### COURSE OBJECTIVES:

- ACS/Angina: Acute and chronic cardiovascular disease, including Angina, NSTEMI, STEMI, and non-ACS chest pain (pericarditis, pulmonary embolism, etc.). Describe the EKG changes in STEMI.
- Atrial Fibrillation/Flutter: Including anticoagulation and rate vs. rhythm control. Describe the EKG findings, CHADS-Vasc score, and secondary causes.
- CHF: Describe the NYHA classes of heart failure. Describe and differentiate right vs. left heart failure, diastolic vs. systolic dysfunction, high vs. low output failure. Describe the use of inotropes, heart transplantation, and ventricular assist devices in advanced cases.
- Arrhythmias/Heart Block: Be able to identify major EKG abnormalities including ventricular tachycardia, ventricular fibrillation, torsade de pointes, first/second (mobitz 1 and 2)/third degree heart block, PEA/asystole. Describe the use of defibrillation and pacemaker placement. Learn ACLS protocol
- HTN: Including the latest JNC 8 guidelines regarding HTN and when to treat, including which classes of medications to use and when. Describe the long-term complications of HTN and its impact on vascular disease.
- Hyperlipidemia: Including secondary hyperlipidemia.

### SUPERVISION:

Dr. Attaran