

SURG 830: Adult Cardiac Surgery Externship ASE**Course Director:** Chad Denlinger, MD

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BLOCK	# Students	BLOCK	# Students	BLOCK	# Students
Block 1: 7/2/18 – 7/27/18	2	Block 4A: 9/24/18 – 10/5/18		Block 7B: 1/14/19 – 1/25/19	
Block 1A: 7/2/18 – 7/13/18		Block 4B: 10/8/18 – 10/19/18		Block 8: 1/28/19 – 2/22/19	2
Block 1B: 7/16/18 – 7/27/18		Block 5: 10/22/18 – 11/16/18	2	Block 8A: 1/28/19 – 2/8/19	
Block 2: 7/30/18 – 8/24/18	2	Block 5A: 10/22/18 – 11/2/18		Block 8B: 2/11/19 – 2/22/19	
Block 2A: 7/30/18 – 8/10/18		Block 5B: 11/5/18 – 11/16/18		Block 9: 2/25/19 – 3/22/19	2
Block 2B: 8/13/18 – 8/24/18		Block 6: 11/19/18 – 12/14/18	2	Block 9A: 2/25/19 – 3/8/19	
Block 3: 8/27/18 – 9/21/18	2	Block 6A: 11/19/18 – 11/30/18		Block 9B: 3/11/19 – 3/22/19	
Block 3A: 8/27/18 – 9/7/18		Block 6B: 12/3/18 – 12/14/18		Block 10: 3/25/19 – 4/19/19	2
Block 3B: 9/10/18 – 9/21/18		Block 7: 1/2/19 – 1/25/19	2	Block 10A: 3/25/19 – 4/5/19	
Block 4: 9/24/18 – 10/19/18	2	Block 7A: 1/2/19 – 1/11/19		Block 10B: 4/8/19 – 4/19/19	

Does this rotation accept visiting students? ☒ YES ☐ NO**COURSE DESCRIPTION:**

This course provides in-depth exposure to patients undergoing surgery for acquired cardiac disease. The student will be an integral part of the team that includes general surgery and cardiothoracic surgery residents, cardiac surgery attendings, and midlevel providers. The student will work with the entire staff and will receive extensive exposure to patients in the operating room, cardiothoracic intensive care unit, and on the floor, as well as in the outpatient clinic.

LEARNING GOALS & OBJECTIVES: At the completion of this clinical rotation students should be able to do the following:

1. Demonstrate skills expected of interns including giving and receiving a handoff, writing inpatient orders for signature, preparing a discharge summary to share, calling a consult, and assisting in obtaining informed consent for a procedure or treatment. (PC4, PC5, PC7, CS1)
2. Discuss the basic preoperative evaluation of patients with surgically correctable cardiac disease. (PC1, PC3, MK4)
3. Discuss the postoperative management of patients undergoing cardiac surgery. (PC1, PC3, MK4)
4. Describe the common complications experienced by patients undergoing cardiac surgery. (PC1, PC2, PC3, MK3, MK4, MK5)
5. Describe the purpose and basic functional principles of the “heart lung machine.” (MK5, PL2)

INSTRUCTIONAL METHODOLOGIES AND ROTATION ACTIVITIES: Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:

1. Complete an Externship Log documenting level of participation in key entrustable professional activities.
2. Direct patient care in the clinics, on the floors, and assisting in the operating room.
3. Weekly Division of Cardiothoracic Surgery M and M conferences and Grand Rounds.
4. Active participation in surgical procedures, rounds, and clinics with assigned attendings.

PATIENT ENCOUNTERS: Students will be expected to work-up patients with these specified conditions:

1. Coronary Artery Disease
2. Cardiac Valvular Disease
3. Congestive Heart Failure

EVALUATION / FEEDBACK METHODS: Students will be evaluated using the following methods.

1. E*Value Clinical Performance Evaluation.
2. Direct observation of student performance.
3. Students will receive feedback about performance at the midpoint of the course.

Will students be expected to participate in call? ☐ YES ☒ NO