

Course: Cardiovascular and Thoracic Surgery (CVTS)

Course Number SURG 2102

Department: Cardio Thoracic Surgery

Faculty Coordinator: Dr. Pietro Bajona

Assistant Faculty Coordinators:

Hospital: (Location of rotation) CUH

Periods Offered:

Length: 2 weeks

Max # of Students: 2 students per rotation

First Day Contact: Chief Resident on Service

First Contact Time: 6:30am

First Day Location: CUH 9th Floor South Wing CVICU

Prerequisites: NA

I. Course Description

Goals (<i>examples-edit as needed</i>)	Objectives (<i>describe activities that will support how goals are to be achieved</i>)	Assessment methods (<i>examples-explain how student will be evaluated</i>)
<p>Patient Care: Assessment and Management</p> <ol style="list-style-type: none">1. <i>Students will demonstrate the knowledge, attitudes and skills necessary to perform appropriately focused and accurate histories and physical assessments and document the findings accurately in the health record.</i>2. <i>Students will assist in development of evaluation and treatment plans, and take responsibility for implementation.</i>	<p>Students will follow 2 to 5 patients on the inpatient service and are expected to have an in-depth knowledge of their medical history, physical exam, reasons for surgical intervention, detailed understanding of the key components of the operative procedure performed, and a keen understanding of the important events and procedure specific considerations in the care of the patient during post-operative period.</p>	<ul style="list-style-type: none">• <i>Quality of Medical Records entries</i>• <i>Skills evaluation from direct observation.</i>

<p>Medical knowledge:</p> <ol style="list-style-type: none"> 1. <i>The student will be expected to know the patient's history and relevant physical exam findings, indications and goals for each operation.</i> 2. <i>The student will know how to assess and accurately evaluate a new patient.</i> 3. <i>The student will be expected to develop a comprehensive understanding of the presentation, evaluation, diagnosis, surgical management, and acute care of the CVTS patient.</i> 	<p>Students should plan to present their patients to the resident and faculty team during early morning CVICU rounds.</p> <p>Students are expected to evaluate and then present patients they have seen in the CVTS clinics. A detailed history and physical examination appropriate to the nature of the visit is expected from each students. Each student is expected to present a thoughtful assessment and treatment plan specific to the active clinical issues for each patient.</p>	<ul style="list-style-type: none"> • <i>10 minute oral presentation</i> • <i>Appropriate oral quiz/question and answer sessions</i>
<p>Interpersonal and communication skills:</p> <p><i>The students will effectively exchange information with patients, families, consultants and the team, including nurses, faculty, residents and ancillary staff.</i></p>	<p>Students are expected to round with the team each morning.</p> <p>Additionally, students are required to speak with anyone they encounter in a respectable manner.</p>	<ul style="list-style-type: none"> • <i>Observations of faculty and staff</i>
<p>Practice Based learning and Improvement:</p> <p><i>Students will demonstrate the ability to assimilate scientific evidence and improve patient care practices.</i></p>	<p>Students are expected to actively participate in the mandatory Wednesday morning didactic conferences. Challenging cases will be discussed as well as reviews of current literature and specialty review. Students are encouraged to ask questions and join in.</p>	<ul style="list-style-type: none"> • <i>Attendance and participation in discussion will be noted</i>

<p>Professionalism: <i>Students must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population</i></p>	<p>Students are required to abide by all University rules and policies including all HIPPA regulations.</p>	<ul style="list-style-type: none"> • <i>Observations of faculty and staff</i>
<p>Systems based practice:</p> <ol style="list-style-type: none"> 1. <i>Know how surgical management fits into the larger system of health care.</i> 2. <i>Work with the team and patients to optimize use of system resources</i> 	<p>Students will observe the actions and thought process of faculty and residents to understand when certain labs and tests are required, what supplies are needed for what case and how best to care for the patient while optimizing resources.</p>	<ul style="list-style-type: none"> • <i>Observations of faculty and staff</i> • <i>Group discussion</i>

II. **Methods of Instruction:**

- A. Didactic: Wednesday teaching conferences: m&m, faculty presentations. Journal club
- B. Clinical: OR training, clinical rounds, clinic

III. **Overview of student responsibilities:** Conference attendance, patient presentation during morning rounds, direct reporting to Dr. Pietro Bajona and Chief Resident

IV. **Method of evaluation of students and requirements:** Evaluation based on assessment methods listed above, grade is Pass/Fail. All residents, faculty, APP's and nursing staff report their opinions on each student to Dr. Bajona for consideration.