Electives/Sub-Internships

Course Title: Cardiac Surgery
Course Number: SURG-525
Prerequisite: Year 4
Department: Surgery; Section of Cardiac Surgery
Department URL:
Type: Elective
Faculty: Anthony W. DiScipio, M.D.
Location: DHMC
Duration: 2-4 weeks
Credits: 2-4
When Offered: anytime
Visiting Students: Yes

Contact Information
Coordinator: Marcia Lowes
Coordinator E-mail: Marcia.R.Lowes@hitchcock.org
Coordinator Phone: 603-650-8572

Course Description:

The Cardiac Surgery service is composed of a multidisciplinary team of 4 attending surgeons, 4 physician assistants, 1st and 2nd year surgical house staff and a dedicated group of ICU and ward nursing staff. We perform about 400-500 major cardiac procedures over the course of a year. This rotation offers extensive exposure to cardiopulmonary physiology, ICU medicine, inpatient management of complex multisystem diseases, and provides an introduction to operating room management of cardiac surgery patients. The service also has a very active outpatient population for the follow-up of cardiac diseases as well as the pre-operative evaluation and consultation of many of these problems. Students will be expected to participate actively in the inpatient care of the patients as well as see patients in the outpatient setting. The inpatient experience will include following patients from the OR, CVCC, to the ward and ultimately home.

Objectives & Goals:
Objectives: By the ends of this rotation the student should be able to discuss
1) How to evaluate and interpret hemodynamic monitoring
2) Indications for common cardiac surgical procedures (CABG, AVR, MVR, Aneurysm repair)
3) The pathophysiology of coronary artery disease, aortic valve disease and mitral valve disease
4) The evaluation and management of thoracic aortic disease

Activities: Major cardiac procedures including thoracic aortic and arch reconstructions, aortic and mitral valve surgery including TAVR, coronary revascularization, adult congenital heart disease

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Other Learning Opportunities: Interaction with Cardiac Anesthesia, Cardiology and Critical Care Medicine.

Didactics: Monday, 7 a.m. – Cardiac Surgery Conference which covers basic Cardiac Surgery problems and diseases. There are daily attending rounds on all inpatients. There is a Tuesday morning Heart team meeting for TAVR and Friday morning Cardiology conferences. Department of Surgery Educational Conferences are held on Friday mornings beginning at 7 a.m.

Instruction:

Email Anthony.W.DiScipio@hitchcock.org prior to report date to determine time and location.

Evaluation:
Written evaluation

Special Notes:

APPROVAL
Directions: Please print form and have Department Chair and Sponsor sign. (Clinical Education will submit to Associate Dean of Clinical Education for signature)

Richard B. Freeman, MD
Department Chair
(Please print)

Signature

Date

Anthony W. DiScipio, MD
Elective Sponsor
(Please print)

Signature

Date

Associate Dean for Clinical Education

Signature

Date

Return signed copy to:
Office of Clinical Education
HB 7015

AND

Please send electronic copy to: Clinical.Education@dartmouth.edu

5/26/2015