

VCU Senior Elective Catalogue

Introduction to Thoracic Surgery-Inova (MEDI-41118)			
Preceptor:	Sandeep J. Khandhar, MD	Phone #:	(703) 280-5858
Department:		Max Enrollment:	1
Time Period(s):	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	Time:	
Location:	INOVA Fairfax Hospital, 3300 Gallows Road, Falls Church, VA		
<p>Name of Preceptor (Primary Contact): Sandeep J. Khandhar, MD Phone of Preceptor: (703) 280-5858 office main; (703) 280-1006 office backline; (703) 201-2913 cell Email of Preceptor: sandeep.khandhar@gmail.com Time/Place to report on first day: To be determined based on pre-elective conversation with Dr. Khandhar. Will be either: a) office at 8 AM, 2921 Telestar Ct, Suite 140, Falls Church, VA 22042, or b) hospital at 6:30AM, 3300 Gallows Road, Falls Church, VA 22043 - IHVI (Inova Heart & Vascular Institute) building, second floor, CVSD (CardioVascular Step-Down) unit from desk</p> <p>Objectives and Evaluation Lectures/Seminars: Weekly M&M conference; Monthly Multi-Disciplinary Thoracic Oncology Conference; Monthly Rad-Path Conference for Interstitial Lung Disease; Monthly Thoracic Research Conference; Monthly Resident/Student led thoracic conference Hours per Week: 40 Outpatient: Yes Inpatient: Yes Night Call: No Weekends: No Exam required: No</p> <p>Evaluation Method(s): Descriptive evaluation by Dr. Sandeep Khandhar based on performance during patient care & final oral presentation to result in grade of competency achieved/competency not achieved.</p> <p>Description: For both men and women, lung cancer remains the leading cause of cancer death. In 2012 in the United States, 210,828 people were diagnosed with lung cancer and 157,423 were killed by this disease.¹ Surgical treatment remains a key component of the management of lung cancer, and our ability to aggressively treat these patients continues to improve. Alarming, a study conducted by the Society of Thoracic Surgeons (STS) and the American Association of Thoracic Surgery (AATS) has predicted a significant shortage of cardiothoracic surgeons by the year 2020. More than half of the current work force is 55 years or older and a large number are expected to retire within the next 10 years. At the same time, as the population ages, demand for cardiothoracic surgeons could increase by as much as 46 percent.² Given this shortage and the recent creation of integrated thoracic surgery residency programs, it is necessary to educate medical students in the field of thoracic surgery. Fourth year students will rotate with the thoracic surgery department where they will observe and assist in patient care as deemed appropriate by the attending surgeon. The student will participate in the operating room, during patient clinic visits, and on patient rounds. The goal will be to introduce the student to a variety of thoracic diseases, both malignant and benign, as well as current management of these diseases. At the end of the rotation, the student will give a short oral presentation on the diagnosis and management of a common thoracic disease.</p>			

Goal(s): By the completion of the elective students will possess an understanding of the current surgical management of common thoracic diseases, as well as complications of management and alternative treatment options.

References:

1. U.S. Cancer Statistics Working Group. United States Cancer Statistics: 1999–2012 Incidence and Mortality Web-based Report. Atlanta (GA): Department of Health and Human Services, Centers for Disease Control and Prevention, and National Cancer Institute; 2015
2. The Society of Thoracic Surgeons. Shortage of Cardiothoracic Surgeons Predicted by 2020. January 25, 2010. <http://www.sts.org/news/shortage-cardiothoracic-surgeons-predicted-2020>. Accessed 2/17/16