Introduction to Vascular Surgery
Professional Enrichment Course

Spring 2021

Course Dates: April 5, 12, 19, 26
Mondays, 1:00—3:30 PM

Maximum Students: 12

Class Year: MS1

Course Director: Ulka Sachdev, MD
Associate Professor of Surgery

Contact Information: Jennifer Amerman
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Description:
This course is designed to give students an introduction to Vascular Surgery, including the disease processes we treat, the techniques we use to make diagnoses and the interventions we offer surgically, endovascularly and medically. In addition to basic didactics, sessions will include videos of procedures, operative cases, and mechanics of ultrasound. Additionally, two sessions will be dedicated to giving students the opportunity to observe surgery and learning about the different pathways available to train to become a vascular surgeon, respectively. Any surgical observer ship will depend on whether they are allowed per COVID-19 guidelines.

Objectives:
1. Understand the etiology of vascular disease
2. Understand the diagnostic methods used to assess vascular disease severity
3. Identify patients at increased risk for vascular disease
4. Learn the use of the common diagnostic tools
5. Appreciate the surgical, endovascular, and medical treatments for vascular disease

Requirements:
Complete pre-session readings and participate actively in all sessions

Pre-Requisites:
None
COURSE OUTLINE:

INTRODUCTION TO VASCULAR SURGERY
April 5, 12, 19, 26
Mondays, 1:00—3:30 PM

Location:
Remote (Links TBA)

Course Director:
Ulka Sachdev, MD
Associate Professor of Surgery

Faculty:
Dr. Sachdev
Dr. Liang
Dr. Yuo
Dr. Chaer

Session 1: April 5, 2021
Course Description, Ultrasound Applications in Managing Vascular Disease
The course will be introduced. Followed by the introduction, applications of vascular ultrasound will be presented to introduce key patterns of vascular disease including peripheral arterial disease, carotid artery disease and aortic aneurysm disease.

Session 2: April 12, 2021
CT Imaging in Vascular Surgery and Suture Session
We will review basics of CT scan applications in vascular surgery followed by a suturing session.

Session 3: April 19, 2021
OR Day
Students will be divided up among different services to get exposure to an operative case in vascular surgery.

Session 4: April 26, 2021
Pathways to Becoming a Vascular Surgeon
We will review the training pathways in vascular surgery and the requirements for each paradigm.