



University
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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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Registration: Denise Downs, Office of Medical Education
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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.