



University
of
Pittsburgh

School
of
Medicine

Introduction to Vascular Surgery Personal Enrichment Course

Spring 2021

<u>Course Dates:</u>	April 5, 12, 19, 26 Mondays, 3:30-5:00 PM
<u>Maximum Students:</u>	12
<u>Class Year:</u>	MS1
<u>Course Director:</u>	Ulka Sachdev, MD Associate Professor of Surgery
<u>Contact Information:</u>	Jennifer Amerman amermanj2@upmc.edu

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 a hands-on ultrasound experience as well as a suturing lesson. Additionally, two sessions will be dedicated to giving students the opportunity to observe surgery and learn about the different pathways available to train to become a vascular surgeon, respectively.

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

Office
of
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Education

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412.648.8714

COURSE OUTLINE:

INTRODUCTION TO VASCULAR SURGERY

April 5, 12, 19, 26

Mondays, 3:30-5:00 PM

Location:

Virtual via ZOOM - Links TBA

Course Director:

Ulka Sachdev, MD

Associate Professor of Surgery

Faculty:

Dr. Sachdev

Dr. Liang

Dr. Yuo

Dr. Chaer

****Please note that the outline below will be modified to a virtual format****

Session 1: April 5, 2021

Course Description, Ultra Sound Applications in Managing Vascular Disease- Dr. Sachdev

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 - Dr. Liang

Dr. Liang will review basics of CT scan applications in vascular surgery followed by a suturing session

Session 3: April 16, 2021

Instructors: Dr. Sachdev/ Dr. Tzeng / Dr. Yuo

Students will be divided up among different services to get exposure to an operative case in vascular surgery. Locations include the VA, PUH and Magee Women's Hospital.

Session 4: April 26, 2021

Pathways to Becoming a Vascular Surgeon / Dr. Chaer

Dr. Chaer will review the training pathways in vascular surgery and the requirements for each paradigm