

<b>FOURTH YEAR ELECTIVE TITLE</b>  <b>SURGERY – VASCULAR</b>		<b>COURSE NUMBER</b>  <b>SURG 9260</b>	<b>LOCATION</b>  ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL
<b>ELECTIVE DIRECTOR</b>  SAUM RAHIMI, M.D.	<b>ELECTIVE FACULTY</b>  SAUM RAHIMI, MD William Beckerman , MD	<b>ELECTIVE CONTACT</b>  SAUM RAHIMI, MD RWJMS SURGERY MEB 541 (NB)  GAIL BELLFIELD RWJ SURGERY MEB 523	<b>CONTACT PHONE/FAX/EMAIL</b>  PH. 732-235-7816 PH. 732-235-6160  <a href="mailto:gail.bellfield@rwjms.rutgers.edu">gail.bellfield@rwjms.rutgers.edu</a> <a href="mailto:rahimisa@rutgers.edu">rahimisa@rutgers.edu</a>
<b>BLOCKS AVAILABLE</b>  ALL	<b>DURATION/WEEKS</b>  MIN 2; MAX 4	<b>HOURS PER WEEK</b>  VARIABLE	<b>STUDENTS</b>  MAX 1
<b>LECTURES/SEMINARS</b>  YES	<b>OUTPATIENT</b>  YES	<b>INPATIENT</b>  YES	<b>HOUSESTAFF</b>  YES
<b>NIGHT CALL</b>  Yes	<b>WEEKENDS</b>  YES	<b>LAB</b>  NO	<b>EXAM REQUIRED</b>  NO

**Any 3rd-year student wishing to partake of this elective may request permission to do so by making that request to Ms. Joni Marano ([maranojg@umdnj.edu](mailto:maranojg@umdnj.edu), 732-235-6160). This written permission (Email is acceptable) must be presented to the Registrar's Office prior to the 3rd-year student registering for the elective.**

#### **OVERALL EDUCATIONAL GOAL OF ELECTIVE**

The overall goals of the Surgery elective for students are:

- Be the "first evaluator" of patient who presents to the Vascular Surgical service for an elective or acute surgical problem
- Independently establish a differential diagnosis
- Write admitting and daily patient diagnostic and therapeutic orders, under the supervision of a resident, physician assistant and/or attending physician
- Evaluate patients on a daily basis on morning rounds, and serve as the principle care giver, under the direct supervision of a resident, physician assistant and attending physician
- Develop clinical and procedural skills necessary to the management of the Vascular Surgery patient
- Develop skills required for interdisciplinary patient care
- Become comfortable in the operating room while learning and practicing basic endovascular and open operative techniques

This elective is designed to give the student an opportunity to work closely with the attending Vascular Surgeons, Vascular Residents, and General Surgery Residents. A sub-intern experience will be given, enabling the student to better understand his/her responsibilities in the residency years. Literature review and preparation for conference will help improve students understanding of vascular surgery.

#### **OBJECTIVES**

To provide a day-to-day experience and increased understanding of the management of Vascular Surgery patients.

**Patient Care**

To learn a thorough vascular history and physical exam, wound care assessment and develop and execute patient care plans. Students should pre-round on their patients, anticipate care needs, present patients on rounds and discuss patient progress or complications. They should be involved in all aspects of ongoing care for these patients.

**Medical Knowledge**

To learn risk factors for vascular disease, fundamentals of non-invasive testing and basic indications for vascular surgical intervention. The students should review their operating room cases preoperatively and know the relevant anatomy and steps of the procedure.

**Practice-based Learning and Improvement**

Investigation and evaluation of their own patient care. Recognize and apply evidence-based medicine and strive for improvements in patient care. One should critique personal practice outcomes and demonstrate recognition of the importance of lifelong learning in surgical practice.

**Interpersonal and Communication Skills**

Develop effective information exchange with patients, their families and other health care professionals. This includes counseling and educating patients and families and effectively documenting practice activities.

**Professionalism**

Maintain high standards of ethical behavior and demonstrate sensitivity to age, gender, and culture of patients and other health care professionals.

**System-based Practice**

Understand how care for the vascular patient affects other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice.

**BRIEF DESCRIPTION OF ACTIVITIES**

Operating Room (35%), patient care (35%), Outpatient clinic (20%) and conferences (10%).

This is a two- to four-week experience in which the student will have the opportunity, with supervision, to function as an intern on the Vascular Surgical service and to participate in the pre-operative and post-operative care of a variety of surgical patients. Students will function as a member of a team and will be expected to participate in daily morning and evening rounds (including weekends), office hours as scheduled operations for their service and call as assigned. Typical service schedules will be available on the first day of the rotation.

**METHOD OF STUDENT EVALUATION**

Faculty and Residents will assess student performance in the competency areas described above. No written tests are required.

**ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE?** Yes, Medicine & Surgery Clerkships

**IS THIS ELECTIVE AVAILABLE TO THIRD YEAR MEDICAL STUDENTS AS WELL?** Yes