**RADY 410 – Vascular Interventional Radiology (VIR)**

**Course Overview**

RADY 410 is the Interventional Radiology elective in the Department of Radiology. It is for students who are interested in learning more about the specialty, regardless of the student’s ultimate chosen specialty. The student will be exposed to a variety of vascular and non-vascular procedures and have an opportunity to be involved in the clinical service as well.

**OBJECTIVES**

At the completion of this elective, the student should:

1. Develop a better overall understanding of VIR as a specialty.
2. Be able to discuss the indications/contraindications, basic techniques, and complications of commonly performed image-guided procedures.
3. Be able to assist in performing image-guided procedures.

**LOCATION:**

Students should report to the VIR conference room, located at the top of the escalators on the 2nd floor of Old Memorial Hospital at 7:00am each day of the rotation.

**RESOURCES**

1. <http://rads.web.unc.edu/> - UNC Radiology Resident Education Website filled with educational resources, teaching modules, and more.
2. UNC SOM Library: <http://guides.lib.unc.edu/c.php?g=8416&p=43359>
   1. Kaufman JA. **Vascular and Interventional Radiology: The Requisites.** Saunders, 2014
   2. Kandarpa K, Aruny JE. **Handbook of Interventional Radiologic Procedures, 4th edition.** Lippincott Williams &Wilkins; 2011
   3. Mauro M. **Image-guided Intervention. Second Edition.** Saunders/ Elsevier Inc. 2014.
3. Society of Interventional Radiology-Resident Fellow Section: <http://rfs.sirweb.org/wordpressnstall/>

**COURSE SCHEDULE**

1. **Clinical Responsibilities:** Each day students will assist with procedures, perform basic procedures with supervision, and participate in outpatient clinic and inpatient consult service. Taking call is optional.
2. **Conferences**: Students are expected to attend noon conference each day from 12:00pm-12:45pm. Subject matter changes daily. Noon conference is located in the Main Conference Room in the basement of the Women’s Hospital. In addition, morning conferences include interesting case conferences, journal club, reading list, morbidity and mortality, and interdisciplinary conferences. The majority of these take place in the VIR conference room immediately following morning rounds. Interdisciplinary conferences are held in a variety of locations within the hospital.
3. **Case Presentations**: Students will present a short talk on a topic that they choose, ideally related to a case they were involved in. This is a 10 – 15 minute talk presented in the VIR conference room following morning rounds. The format is a brief presentation of the case and a brief summary of the topic, including an update on any recent literature related to the topic presented.
4. **Research or Practice Quality Improvement Project (PQI):** Students will potentially participate in a research or Practice Quality Improvement (PQI) project. Although not required, this ideally would be a research project that could be presented as an abstract and potentially developed into a manuscript. Alternatively, the student could assist with the development and execution of a PQI project, which directly affects the quality of the care provided in Interventional Radiology.

#### ABSENCES

Please notify the Course Coordinator, Virginia Carver (919-966-4292, [Virginia\_butler@med.unc.edu](mailto:Virginia_butler@med.unc.edu)), of absences ahead of time, if possible. Please contact Virginia Carver or Course Director Dr. Bob Dixon, [bob\_dixon@med.unc.edu](mailto:bob_dixon@med.unc.edu), if you have questions and/or an extraordinary circumstance.

**STUDENT GRADES**

The student’s evaluation will be based on the six core competencies: Patient care, medical knowledge, practice-based learning and improvement, systems-based practice, professionalism, interpersonal skills and communication. More specifically, the evaluation will assess fund of knowledge, evidence of self-directed learning, a procedure log, participation in conferences, technical progress in the interventional suite, peri-procedural patient care, the ability to access and utilize the EMR and PACS, professionalism and interpersonal skills and communication.

##### HONOR SYSTEM

Academic dishonesty in any form is unacceptable, because any breach in academic integrity, however small, strikes destructively at the University's life and work, and ultimately at your future capability.

The Honor Code and Campus Code, embodying the ideals of academic honesty, integrity, and responsible citizenship, have for over 100 years governed the performance of all academic work and student conduct at the University. Acceptance by a student of enrollment in the University presupposes a commitment to the principles embodied in these codes and a respect for this most significant University tradition. Your participation in this course comes with our expectation that your work will be completed in full observance of the Honor Code.

If you have any questions about your responsibility or my responsibility as a faculty member under the Honor Code and as the instructor in this course, please bring them the Course Coordinator/Director, or consult with the Officer of the Student Attorney General or the Office of the Dean of Students.