

# 680M Interventional Radiology (IR)

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## 1. Course Director, Coordinator and General Administrative Information

### FACULTY AND STAFF

Name	Office Location	Phone	Email
Director: Dayantha Fernando, MD	Bldg. 1, Rt. 140	714-509-2802	dayanthf@hs.uci.edu
Coordinator: Caroline Nguy	Bldg. 20	714-509-2802	cnguy@hs.uci.edu

### DESCRIPTION

The IR elective provides students with a sub internship like opportunity to study IR patients in outpatient and hospital settings and participate in pre-, intra-, and post-procedural patient care. The clinical evaluation, pathogenesis, diagnosis, and treatment of IR diseases are taught. Emphasis is given to the analysis of non-invasive imaging used in the planning of IR procedures.

### PREREQUISITES

This course is intended for 3<sup>rd</sup> and 4<sup>th</sup>-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

### RESTRICTIONS

This course is intended for 3<sup>rd</sup> and 4<sup>th</sup>-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

### COURSE DIRECTOR

Dr. Fernando has worked in higher education at UCI since 2011. He has served as the Vascular and Interventional Fellowship Program Director since 2014. He has also served as the Program Director of the Interventional Radiology Residencies at UCI since their inception in 2018. During his career, Dr. Fernando has also been involved in the Diagnostic Radiology Residency Program serving on multiple curriculum and competency committees.

Caroline Nguy is the course coordinator. She has worked in education since 2013. She is dedicated to helping medical students and making sure they have a great experience in the department.

### **INFORMATION FOR THE FIRST DAY**

Who to Report to First Day: Caroline Nguy

Location to Report on First Day: Building 20 (Badge-ID staff only entrance)

Time to Report on First Day: 7:20 am

**SITE:** UC Irvine Medical Center

**DURATION:** 2-4 weeks.

**Scheduling Coordinator:** UC Irvine students please call (714) 456-8462 to make a scheduling appointment.

**Periods Available:** The time of the course must be pre-approved by the elective director at least 1 month prior to the start of the course.

**NUMBER OF STUDENTS ALLOWED:** 3 per rotation block

### **WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE**

Arrive with an eagerness to learn, review welcome announcement from course coordinator prior to start of the rotation

### **COMMUNICATION WITH FACULTY**

Questions about logistics should be directed to the Course Coordinator. Questions, comments, or concerns about the course content, schedule, or expectations can be directed to the supervising physician(s) and Course Director. Contact information and office location are at the beginning of this document.

The Course Director is also available to meet in person. Please email [cnguy@hs.uci.edu](mailto:cnguy@hs.uci.edu) to arrange an appointment. To ensure that your email will not be lost in the large volume of email received, please use the following convention for the subject line:

**SUBJECT:** COURSE NAME, your last name, your issue (e.g. XXX, Smith, Request for appointment)

## 2. Course Objectives and Program Objective Mapping

The following are the learning objectives for the 680M course. Students are expected to demonstrate proficiency in these areas in order to satisfactorily complete the course. In addition, the extent of a student's mastery of these objectives will help guide the course evaluation and grade.

<b>Course Objective</b>	<b>Mapped UCI School of Medicine Program Objective</b>	<b>Sub Competency</b>	<b>Core Competency</b>
Develop data integration, clinical reasoning, and oral presentation skills	D-1. A commitment to lifelong learning and independently seeking new knowledge and skills in their own recognized areas of learning deficit	Lifelong Learning	Dutiful
Create differential diagnoses and treatment plans	B-3. The ability to articulate a cogent, accurate assessment and plan, and problem list, using diagnostic clinical reasoning skills in all the major disciplines	Patient Management	Skillful
Communicate medical information to patients in lay language.	D-2. A commitment to patient care and to the well-being of patients and colleagues	Patient Care	Dutiful
Improve time management skills.	D-1. A commitment to lifelong learning and independently seeking new knowledge and skills in their own recognized areas of learning deficit	Lifelong Learning	Dutiful
Continue their personal growth and the development of professional, ethical, and altruistic behaviors and attitudes.	C-2. Professional behaviors reflecting compassion and respect for patient privacy, altruism and a commitment to comprehensive, holistic medical care	Compassion	Altruistic

Appreciate the effect of social factors and cultural and health beliefs on patient health and illness.	C-3. Sensitivity and awareness of diverse cultures, health beliefs and social factors impacting patient health and illness	Cultural and Social Awareness	Altruistic
Search the medical literature for evidence-based patient-specific information and utilize evidence based medicine to conduct medical care.	B-4. The ability to search the medical literature, including electronic databases, and to locate and interpret up-to-date evidence to optimize patient care	Evidence-Based Medicine	Skillful
Experience IR as a clinical specialty.	A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes	Basic Clinical Skills	Knowledgeable
Learn about Medicare coding, Medicare compliance, insurance plans, and health care costs.	A-5. Knowledge of medical practice, including healthcare economics and health systems impacting delivery and quality of patient care	Medical Practice	Knowledgeable

### 3. Course Resources

#### TEXTS AND READINGS:

Recommended texts:

- Keefe, N, [IR Playbook: A Comprehensive Introduction to Interventional Radiology](#)
- Kandarpa K, [Handbook of Interventional Radiologic Procedures](#)

Suggested readings and online resources will be provided to the students and are tailored to their experiences on the rotation.

## 4. Major Exams, Assignments and Grading

### MAJOR ASSIGNMENTS AND EXAMS

Daily attendance is a requirement. The student is expected to be engaged and participate in all elements of patient care. Professional behavior is expected at all times and inappropriate use of electronic devices during patient care is not permitted.

The student will be required to give a case-based presentation at the conclusion of the rotation.

### GRADING

Medical Students are graded using the following scale: Honors (H), Pass (P), Fail (F) and Incomplete (I). For further information, please review the [Grading Policy](#).

The student will receive a grade of Honors, Pass or Fail. The student's final grade will be submitted on the standard UC Irvine elective form. The student will be evaluated by attendings and residents in the areas of interest, participation, completion of work undertaken, quality of understanding, knowledge base, professionalism, attendance, observational skills, and by asking appropriate questions. Written evaluation by supervising physician. If the student fails the elective a grade of "F" will be permanently recorded on his/her transcript. The student can repeat the course for a second grade, however, the "F" will not be removed from the transcript.

You have 30 days from the date of the grade to appeal any aspect of this grade. Please contact your Clerkship/course Director should you have any questions.

### Requirements for "Pass":

To receive a grade of Pass, students must demonstrate successful performance in all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

**Requirements for “Honors”:**

To receive a grade of Honors, students must demonstrate exceptional performance in all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

**Grounds for “Incomplete”:** You will not be issued a grade until all elements of the course have been completed.

**REMEDIATION**

Remediation, if needed will be designed by the Course Director to suit the issue at hand.

**Grounds for “Fail”:** You will receive a grade of "Fail" if the requirements for passing the course have not been met. Please refer to the [Grading Policy](#) for the impact of the "Fail" grade to the transcript.