

## 680E NEURORADIOLOGY

**Course Description:** This elective will give the student the opportunity to review a large number of examinations of the head, neck and spine under the supervision of the faculty. Occasionally, the student will have the opportunity to attend didactic teaching or case conferences at noon at UC Irvine Medical Center (most Wednesdays). The majority of teaching is done via discussions of individual cases during attending and resident read out. Students are asked to create a short presentation on an interesting case seen during the elective. Students are required to attend the weekly early morning Neuroradiology/Neurosurgery conferences held in the conference room above the library on Wednesday mornings at 7:30 am.

**Department:** Radiological Sciences

**Prerequisites:** UC Irvine students must have successfully completed their basic science curriculum. Extramural students must be in their final year of undergraduate medical education.

**Restrictions:** None

**Elective Director:** David Florioli, M.D. , UC Irvine Medical Center, Department of Radiological Sciences 101 The City Drive, Orange, CA 92868 714-456-5228 dfloriol@uci.edu

**Site Coordinator:** Lindsay Wold, UC Irvine Medical Center, Department of Radiological Sciences, 101 The City Drive South, Building 20, Orange, CA 92868, Office: (714) 456-6595 Fax: (714) 456-6832 Email: lwold@uci.edu

**Site:** UC Irvine Medical Center

**Instructing Faculty:** Dr. Florioli, Dr. Hasso, Dr. Chang, Dr. Chow, Dr. Chu, Dr. Senturk

**Course Website:** None

**Location to Report on First Day:** Building 20, Education Office (Map will be provided)

**Time to Report on First Day:** 9 am

**Who to Report to on First Day:** Lindsay Wold

**Periods Available:** Throughout the year except the month of July, Thanksgiving week, the week following Thanksgiving and the weeks that include Christmas and New Year's Day

**Duration:** 1 week; additional weeks need approval from the department.

**Number of Students:** 2 maximum

**Scheduling Coordinator:** UC Irvine students please email [comsched@uci.edu](mailto:comsched@uci.edu) or call (714) 456-8462 to make a scheduling appointment. Please read the following information carefully. Any student enrolled at a U.S. LCME medical school will use VSAS to apply. To apply please refer to this website <http://www.aamc.org/programs/vsas/>.

**Course Objectives:** At the end of this rotation the student will be able to:

- Explore in greater depth those features of diagnostic imaging in neuroradiology to provide a deeper understanding of the analytical processes involved in radiologic diagnosis.

### Key Topics:

- The student will be able to understand the scope of service provided by neuroradiology, including the appropriate imaging workup and image directed intervention in neurological disease.

- The student will be able to apply basic anatomical and pathophysiological knowledge gained in the initial medical school years, to intelligently approach the interpretation of basic neuroaxis imaging studies.

**Competencies:**

- The student will understand how images are acquired, and be able to evaluate the quality and general level of information, and limitations, of different computed tomographic imaging protocols for the neuroaxis.
- The student will acquire a basic knowledge of the process of interpretation of head and cervical spine studies.

**Attitudes and Commitment:**

- Respect for the proper utilization of neuroradiological resources.
- Participate as an engaged and active learner during the rotation
- Exhibit appropriate reading room etiquette through proper attentiveness and professionalism during read-out and scanning sessions
- Avoid non-clinical use of phones, laptops, tablets, and other electronic devices during teaching, read-out, and scanning sessions; please discuss exceptions with supervising radiologists/residents

**Educational Activities:** See course description

**What Students Should do to Prepare for the Rotation:** Arrive with an eagerness to learn, review welcome announcement from course coordinator prior to start of the rotation

**Clinical Responsibilities of the Student:** Attend readouts

**Patient Care Responsibilities:** No direct responsibility

**Call Schedule of the Student:** None

**Procedures Students will Learn:** None

**Percentage of Time in Ambulatory Setting:** None

**Conference/Lecture/Small Group Sessions:** Required weekly conferences held in the conference room above the library on Wednesday mornings at 7:30 a.m.

**Course Hours Weekly Summary:**

Case Based	30
Conference	5
Lecture	5
Ward rounds	0
Total	40

**Content Theme Integration:** Not Stated

**Recommended Reading:** To be assigned

**Official 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 based upon attendance, knowledge base, motivation, professionalism and interpersonal skills. The student is required to write and present a case report. 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.

4/1/2016