**Faculty In Charge Of Course:** Josh Kuban, M.D.  
**Participating Faculty:**  
Drs. Mohamed Abdelsalam, Judy Ahrar, Kamran Ahrar, Roni Avritscher, Erik Cressman, Stephen Chen, Sanjay Gupta, Steven Huang, Joshua Kuban, Armeen Mahvash, Colin McCarthy, Stephen McRae, Bruno Odisio, Ravi Murthy, Rahul Sheth, Joseph Steele, Alda Tam, Steven Yevich  

**Location:**  
M.D. Anderson Cancer Center  
(Inpatient – IR Pavilion, 3rd-floor main building; Outpatient – ACB, 4th floor Mays Clinic)  

**Offered:**  
Blocks 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13 (students will need to enroll in the course 8-weeks ahead of the assigned rotation block).  

**Max. # Students/Period:** 4  

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**Course Objective**  
**Material Covered:**  
Interventional Radiology. The student will participate in and observe a variety of procedures. They will primarily be responsible for learning the integrative role that this field plays in both diagnostic and therapeutic patient care. These goals will be accomplished through several categories:

- Learning the specific procedures we perform, their indications, risks, benefits and follow-up care.  
- Participation in the pre-procedure workup including film review, focused H&P, and focused delivery of informed consent.  
- Participating in the procedures as an assistant.  
- Post-procedure care of the patient and criteria for follow-up of specific procedures.

**Skills Acquired:**  
The student will further improve skills already acquired including patient H&P, informed consent and hospital rounds. In addition, new skills will be introduced including film review and manual procedure techniques.

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**Activities Of Elective**

**Number Of New Patients/Student/Week:** 4

**Responsibilities Of Student For Assigned Patients:**

| Does history/physical: | Yes |  
| Who critiques: | Attending Physicians, Fellows, and Physician Assistants |  
| Follows patients, with appropriate notes as needed: | Yes |  
| Who supervises: | Attending Physicians, Fellows |  
| Does student see ambulatory patients: | Yes |  

**Procedures**

| Variety of image-guided biopsies and drainages | X | Assist |  
| Diagnostic and Therapeutic Arteriograms/Venograms | X | Assist |  
| Specialized delivery of devices and chemotherapy | X | Assist |  

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**Scheduled Duties of Student:**

| Frequency of rounds on patients: | Daily |  
| Presents patients to preceptor or attending physician: | Yes |  
| Weekly schedule of required teaching sessions: |  
Daily – 7:45 AM Rounds and Film Readout  
Mondays – 7:00 AM Didactic Lectures  
Thursday – 7:00 AM Trainee Interesting Case Conference* |  

*Students will be asked to present on the last Thursday of their rotation.

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**Describe Optional Rounds And Activities, If Any:**

N/A

**How Is Student Evaluated:**

Daily informal evaluation and formal end-of-rotation evaluation. Mandatory weekly participation in department lectures and conferences.

**Who Evaluates Students:**

Attending Physicians, Daily  
Elective Director, Formally