

# UAB RADIOLOGY ELECTIVE GUIDELINES

## INTRODUCTION

Welcome to the Department of Radiology. We hope make you familiar with the various diagnostic and therapeutic procedures that are an indispensable part of modern medicine. Your goal is to learn the indications, contraindications, patient preparations, and limitations of many of these procedures, as well as basic diagnostic criteria. This should provide a better understanding of how radiology can help you, a future physician, in your everyday practice.

## CLINICAL ROTATIONS

You will spend four weeks rotating through the basic areas of radiology.

Clothing: No jeans. No t-shirts with logos or graphics. Collared shirts and slacks are best. Wear scrubs to Interventional and to GI/GU UH.

Each morning, you should report to your assigned reading room and introduce yourself. The resident who is rotating on this service is your immediate supervisor. The Resident Rotation assignments are posted in the Medical Student Education room.

Work begins promptly at 7:30 AM for GI/GU, VIR and Chest and at 8:00 AM for VA, and Neuroradiology. These times may vary depending on the faculty over the area on any given day. If unsure about what time to report, it is best to check the day before with the resident of the planned service.

For students on UH US or CT UH rotations, attendance is mandatory at the 7:30 resident checkout in room NP 6252.

Bone Highlands? The arrival time is 8:15 a.m. except on Thursdays, when the MSK faculty and fellows have a conference that lasts until a little after 9:00 a.m. You can attend the conference, if you would like, and then arrive at Bone Highlands at 9:05 a.m.

For the ED rotation, the student is expected to attend morning checkout and then to shadow the Bone ED a.m. faculty. The evening before schedule for ED, the student should page the first call resident on covering that night to find out where to meet for "morning checkout." Ordinarily, it's at 8:00 a.m. in the check out room/ sleeping room, room 6203, 6th floor North Pavilion, but that can vary. Usually the Bone ED a.m. faculty checks out with the resident. If it happens the checkout is with a different faculty than the Bone ED a.m. faculty, then the Bone ED a.m. faculty can be paged during checkout to ask where you should meet him/her when checkout is done, as your goal is to spend the morning with the Bone ED faculty. Please note that at this time the Bone physicians cover most of the radiological needs of the ED during the day, not just MSK needs.

Please see sheet titled "Rotation Information" for more details about each rotation.

## CALL

You will spend one evening "On Call" with the evening attending, from 5:00 PM to 11:00 PM. Your date to do this will be arranged the first week of each new rotation. Please make sure Susan Gambill knows the date you choose. It is your responsibility to contact the evening first call resident for your day and arrange a meeting time and place. Two students cannot take call on the same evening.

## **TEACHING FILE PREPARATION AND PRESENTATION**

You will select a case during your first three weeks that will serve as a teaching file. Choose a UAB case encountered during the rotation. The write-up of the case will be as follows:

- History (brief) -- 1 slide
- Images (a few pertinent images)
- Findings
- Diagnosis
- Discussion

Remember that the presentation should be oriented toward Radiology. The presentation should take 5 minutes.

The residents, fellows or attendings can help you select appropriate cases if you have difficulty. Classic cases or very interesting cases are appropriate. Select a topic you would like to learn more about.

If you need help getting images from Centricity into your Powerpoint presentation, please see Susan Gambill. If you need patient reports, please see Susan Gambill.

The teaching file cases will be presented on an afternoon during the last week; the date will be announced. Presentations will be given using PowerPoint.

## **CONFERENCES**

*Resident noon conferences are held every day in the Tishler conference room at 12 Noon. Feel free to bring your lunch. These are geared toward the residents, but often interest medical students.*

Other clinical-based conferences are scheduled throughout the week and incorporate many different disciplines. These interdepartmental conferences are held in the Tishler Conference Room, N307, unless noted otherwise below.

You are expected to attend the following:

- Oropharyngeal/Esophageal Conference, 2nd and 4th Monday of month, 4:00 - 5:00PM
- GI Conference, Wednesday, 4:30 PM - 5:30 PM.

You are also welcome, but not required, to attend the following:

- GU Conference, 1<sup>st</sup>, 3<sup>rd</sup>, and possible 4<sup>th</sup> Thursday, 5:00-6:00 PM
- Vascular & Interventional Conference, Tuesday 7:30 AM - 8:30 AM [North Pavilion 6<sup>th</sup> Floor Conference Room, not Tishler. The 6<sup>th</sup> Floor North Pav. Conf. Room is the last door on your left before you reach the double doors that are the entrance to the Heart and Vascular Center.
- Pulmonary / Chest Conference, 2<sup>nd</sup> and 4<sup>th</sup> Friday 7:30 a.m.
- ER/ED Bone Conference 8:00 every Thursday
- NeuroRadiology Conference 8:00 a.m. every Monday.

**Lectures:** Radiologists will present lectures periodically in the afternoons. You will be notified by pager and/or email of any lectures that are added after you get your initial schedule. These lectures are held in the Tishler Conference Room unless you are notified otherwise.

### **INDIVIDUAL STUDY**

The main sources of individual study are web-based teaching materials. These web sites will serve as your primary study guides. Review them all. The websites are as follows:

**1. University of Virginia:**

<http://www.healthsystem.virginia.edu/internet/radiology/other/educational-software.cfm>

- Imaging of the Cervical Spine
- Introduction to Head CT
- Introduction to Chest Radiology
- ICU Chest Films
- Emergency Body CT
- Skeletal Trauma Radiology
- Emergency Ultrasound

Your test: Your test questions are taken from the information on this webpage. There are quizzes at the end of each section. Not all sections are equally weighted on the two different versions of the test. The test will be given the last week of class. The date and time and place will be announced.

Department of Radiology - <http://www.med-ed.virginia.edu/courses/rad>

**2. University of Washington, Radiology Review:**

[http://www.mypacs.net/repos/mpv3\\_repo/static/m/Home/](http://www.mypacs.net/repos/mpv3_repo/static/m/Home/)

(This is a good resource. Please look through it. You will have to set up a password for yourself.)

**3. UAB Radiology Teaching File:**

<http://www.rad.uab.edu:591/tf>

**4. Learning Radiology:**

<http://www.learningradiology.com>

**5. Online radiology resources:**

[www.radiologyeducation.com](http://www.radiologyeducation.com)

Also a good reference source, although not required, is *Squire's Fundamentals of Radiology*, Sixth Edition by Robert A. Novelline. Susan Gambill will distribute these if requested.

### **GRADES**

**ATTENDANCE IS MANDATORY.** You are allowed two absences per elective as stated in the **UASOM Electives Guidelines**. A scheduled absence (e.g. interviews, family obligations, etc.) needs to be approved by the course director during the first week of the elective. In case of illness, page Susan Gambill through the hospital paging operator (934-3411) as early as possible in the morning to let her know.

You will be graded at the end of this rotation. The grading system is Pass /Fail. The grade will be a composite based on the following:

1. Overall performance, **including attendance**.
2. Teaching file case preparation and presentation.
3. Written test: This is a film interpretation test, which will be given during the final week.

Test: Questions are taken from intro to head CT, intro to chest, ICU chest, emergency body CT, emergency US, skeletal trauma, and imaging the cervical spine. There are quizzes at the end of each section. Not all sections are equally weighted on the two different versions of the test.

You have access to UAB image teaching site. The web address is “<http://mirc.rad.uab.edu>”. The user ID is "medstudents" the password is "medstudents"; To search the MIRC database for past PowerPoint presentations submitted by Medical Students on the home page select Page size from the drop down menu to 1000, in the author field type in “Hong-Gang Liu”, then submit query.

The Medical Student Room, in our department, is Room N309 You can study there. The computers in there print to the printer in the fellows’ office, room N321.

Welcome, have fun, work hard, and learn a lot! We are glad to have you aboard!

Please feel free to contact either Dr. McNamara or Dr. Lockhart if you have any questions.

Michelle McNamara, M.D.  
Assistant Professor  
Director, Radiology Medical Student Education

Mark E. Lockhart, M.D., M.P.H.  
Assistant Professor  
Director, Abdominal Imaging Fellowship  
Assistant Director, Radiology Medical Student Education

*Clerical Support is:*  
*Susan Gambill*  
*Jefferson Tower*  
*Room N361*  
*934-3186*  
*sgambill@uabmc.edu*