

UAB RADIOLOGY

ELECTIVE GUIDELINES

INTRODUCTION

Welcome to the Department of Radiology. We hope to familiarize you 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 three (selective) to four (elective) weeks rotating through the basic areas of radiology (see **Clinical Rotation Schedule**). You may also rotate through an elective of your choice.

You should report to your assigned reading room and introduce yourself. The resident who is rotating on this service is your immediate supervisor. Work begins promptly at 7:30 AM for GI/GU, abdominal CT, VIR and Chest, and at 8:00 AM for Emergency radiology (3rd floor Kirklin Clinic), VA, and Neuroradiology. These times may vary depending on the faculty. It is best to check with the resident on each service. The **Resident Rotation** assignments will be posted in the Medical Student Education room. For students on UH US or UH CT rotations, attendance at the 7:30 resident checkout in Body CT (room NP 6252) is mandatory and will be monitored.

CALL

You will spend one evening "On Call" with the evening attending, from 5:00 PM to 11:00 PM. This time will be arranged the first week of each new rotation. It is your responsibility to contact the evening physician 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. It is expected that the case will be 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 (practice ahead of time).

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.

The teaching file cases will be presented on an afternoon during the last week. Check the schedule. Presentations will be given using PowerPoint. Again, many of the residents can show you how to make a PowerPoint presentation if you do not already know. Experience preparing such presentations will serve as a valuable tool later in your career.

CONFERENCES

Resident noon conferences are held everyday in the Tishler conference room at 12 Noon. Feel free to bring your lunch. These are geared toward the residents, but are often of interest to the students. Attendance is mandatory, but certain less-advanced conferences have been highlighted on the **Noon Conference Schedule**, which is also posted in the Medical Student Education room.

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.

You are expected to attend the following:

- Oropharyngeal/Esophageal Conference, 1st and 3rd Monday of month, 4:00 - 5:00PM
- Pulmonary Conference, Friday, 7:30 AM – 8:30
- GI Conference, Wednesday, 4:30 PM - 5:30 PM.

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

- GU Conference, Thursday, 5:00-6:00 PM
- Vascular & Interventional Conference, Thursday, 7:30 AM - 8:30 AM

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
2. Virtual Hospital, Introduction to Abdominal Radiology
<http://www.vh.org/Providers/Lectures/icmrad/abdominal/Abdominal.html>
3. University of Washington, Radiology Review:
<http://uwcme.org/site/courses/legacy/threehourtour/introduction.php>
4. UAB Radiology Teaching File:
<http://www.rad.uab.edu:591/tf>

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

GRADES

ATTENDANCE IS MANDATORY. You are allowed two absences per elective as stated in the **UASOM Electives Guidelines**. This is not flexible, and more than two scheduled or unscheduled absences will result in

an "incomplete" grade. 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 Mrs. Johnson 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.

There is an email account for you. It can be found at the GroupWise icon on any computer in the department. All students will share the same account. The user ID is "medstudents" the password is "medstudents." There is also access to UAB image teaching site using the same log in & password at web address "<http://mirc.rad.uab.edu>". To search the MIRC database for past ppt 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.

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.

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