

UAB RADIOLOGY ELECTIVE/SELECTIVE GUIDELINES

INTRODUCTION

Welcome to the Department of Radiology. We hope you become 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. You will receive a clinical schedule. Some medical students like to adjust their clinical rotations to better match their professional goals and academic needs. For example, if a student plans to become an orthopedic surgeon, s/he may want to swap some GI/GU for extra MSK imaging time. To do this, check your schedule to make sure no other medical student is scheduled that day in the area you want to join. Please let Susan Gambill know within your first full week here, if you make these changes, so she can notify the attendings.

Clothing: Collared shirts and slacks are best. No jeans. No t-shirts with logos or graphics. Wear scrubs to Interventional (VIR) and to GI/GU UH, but only to Interventional (VIR) and to GI/GU UH. You must wear your name tag at all times. Use of perfumes and colognes is strongly discouraged; UAB employees, patients and visitors may have sensitivity and/or allergic reactions to fragrant products

Each morning, you should report to your assigned reading room and **introduce yourself** to the attending and/or resident. You can learn who the attending is for that area by checking out department webpage at <http://medicine.uab.edu/radiology/> (under radiology schedule). The attending will have been notified that you are coming. Please do not go to do clinical in an area without first having Susan Gambill schedule you there.

Work starts at different times for each clinical area, so it is best to check the start time the day before with the resident on the service, or check the sheet titled "Rotation Information."

Residents are assigned to sections / subspecialties for one month at the time. If you cannot determine the resident on service through the schedule link above, please check with Susan Gambill at 4-3186.

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

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 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 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 5-6 minutes and will be scheduled during your last week in radiology. Presentations will be given using PowerPoint.

You have instructions enclosed on how to get patient images from iSite into your Powerpoint presentation. If you need patient reports, please see Susan Gambill.

CONFERENCES

Resident noon conferences are held every day in the Tishler Conference Room JT N307 at 12 Noon. Feel free to bring your lunch, but please discard all food wrappers and drink containers before leaving the conference room. These noon conferences are geared toward the residents, but often interest medical students. These are mandatory. Immediately following the noon conference is the 12:45 case conference.

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

You are expected to attend the following:

- GI Conference, Wednesday, 4:30 - 5:30 PM.

You are also encouraged to attend the following:

- Bone Tumor Conference, Friday, 7:00 AM, Anatomic Pathology Conference Room (NP 3554).
This is the 1st and 3rd Friday of each month.
- Urology Multidisciplinary Conference, 1st and 2nd Tuesday of the month, 7:15 a.m. – 8:15 a.m.
[1st Tuesday of the month is a lecture, 2nd Tuesday of the month is a case conference]
(Path. Conf. Rm. NP 3554 [**inside NP 3556**])
- Vascular & Interventional Conference, Tuesday 7:30 - 8:30 AM (**NP 6th Floor Conference Room, which is the last door on your left before the double door entrance to the Heart and Vascular Center**).

- Pulmonary / Chest Conference, Fridays at 7:30 AM
- MSK Bone Conference 8:00 AM every Tuesday. Note: if you have MSK Highlands rotation on a Tuesday, your attending will be late due to this conference. If you have MSK Highlands rotation on a Tuesday, you should attend this conference.
- Neuroradiology Conference 8:15 AM every Monday.

If a conference conflicts with your clinical time, but the conference content is useful/interesting to you, please attend the conference, and then report to clinical.

Lectures: Radiologists will present lectures to your med student group periodically in the afternoons, usually at 1:30 and 2:30 PM in Tishler. Sometimes these occur at other times of the day, not just 1:30 and 2:30. These are a very important part of your rotation. The lecture schedule sometimes changes as late as the day of the lecture because of changes in the attending's clinical duties. It is your responsibility each day to check the department website no earlier than noon to see if a lecture has been added or cancelled. The schedule will note time, and date, and location, for each lecture. Lectures will not be added after 12 pm.

1. Go to: <http://services.medicine.uab.edu/RadSched2012/>
(or go to our department website <http://medicine.uab.edu/radiology/> on left sidebar **Radiology Schedule**)
2. Enter the word “lecture” in the block that is labeled section.
3. Click on “search”. That will show you the lectures for that afternoon.
4. To see all lectures, not just the one(s) for that afternoon, click on “printable view”.

It is also your responsibility to fill out a lecture evaluation sheet on at least five lectures while you are here. It is your responsibility to sign in at each lecture, if there is a sign in sheet out.

INDIVIDUAL STUDY

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

1. University of Virginia:

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

Important sections -

- 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. University of Washington, Radiology Review:

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. Learning Radiology:

<http://www.learningradiology.com>

4. Online radiology resources:

www.radiologyeducation.com

Other important resources:

- Interactive Tutorials: <http://eradiology.bidmc.harvard.edu/interactivetutorials/>
- The Classics Collection: <http://eradiology.bidmc.harvard.edu/classics/>
- Also a good reference source: is *Squire's Fundamentals of Radiology*, Sixth Edition by Robert A. Novelline. Susan Gambill will distribute these if requested.
- Reading material on the computer in the medical student office in a folder labeled "student articles".
- <http://www.aur.org/> - An excellent website for anyone interested in student radiology education.
- Lister Hill library databases, CORE Radiology Course. Do all modules. Watch the lecture calendar for Dr. McNamara's lecture. Have **GI: Colon and small bowel** module completed before her lecture. The entire CORE is recommended for independent study for time when you are not on clinical service.
- Medical Student Council's Interventional Radiology Lecture Series
<http://rfs.sirweb.org/wordpressinstall/medical-student-section/ir-lecture-series/>

Other resources may come by email. In particular, two powerpoint case sets for you to diagnose. Please alert Susan Gambill if you haven't received these 10 days into your rotation.

YOUR TEST

<http://radiology.examweb.com>

Click "sign up". Select University of Alabama at Birmingham.

Select Dr. McNamara as the instructor.

Under class code, put *see Susan because this changes*. Click "verify class code".

Pre-test: Your pre-test will be available throughout your first week, including the weekend prior.

Post-test: Your post-test will be available throughout your last week here, including the weekend prior, and will question you on material covered by the pre-test.

The CORE exam will be available throughout the four week period for self assessment.

GRADES

ATTENDANCE IS MANDATORY. You are allowed two absences. Please let us know of any planned absence, family obligations or interviews as soon as possible. In case of illness, please email or call Susan Gambill at 4-3186.

You will be graded at the end of this rotation on a Pass/Fail basis, based on the following:

1. Overall performance, **including attendance.**
2. Teaching file case preparation and presentation.
3. Post-test.

Grading Guidelines for 76-401 and 95-576

Attendance	70%
Presentation	20%
Test	10%

The course, overall, is pass/fail.

CALL

In the radiology department, evening is covered by an attending, a first call resident, and a second call resident. First call coverage consists primarily of in-house films on patients in the Emergency Department (ED), GI/GU procedures, head and spine CTs, fluoro-guided lumbar punctures, and general radiological consultations with clinicians. Second call coverage consists of UH, VA and UAB Highlands radionuclide studies (Monday through Thursday), Body CT, MRI, ultrasound, and clinical consultations. Additionally, the second call more senior resident serves as a consultant to the first call resident for any problematic cases. You will have the option to spend one evening observing either the first **or** second call resident from 5:00 PM to 11:00 PM. **This is optional.** Two medical students may not observe call on the same evening, and dates are chosen on first come, first serve basis. Please inform Susan Gambill, by Friday of your first week here, the date you choose.

It is your responsibility to page either the first or second call resident for your chosen evening to arrange a meeting time and place. You can find out which residents are on call at the schedule link listed above. As an alternative to paging, you can simply report to the 6th floor North Pavilion CT reading room at 5:00 PM. The evening attending should be there and will know where the resident is.

MISCELLANEOUS:

1. The Medical Student Room where you can study in our department is Room JT N309.
2. Safety – Please be aware of safety. When you leave the hospital after your evening observation shift, please contact UAB escort security to accompany you to your vehicle. If you are a visiting student and not familiar with Birmingham, please only go out at night in the company of someone who is familiar with Birmingham.

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

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

Michelle McNamara, M.D.

Assistant Professor

Director, Radiology Medical Student Education

Clerical Support is Susan Gambill, Jefferson Tower, Room N358, 934-3186, sgambill@uabmc.edu