

UIC Breast Rotation Guide

Updated 8/14/2025

Welcome to UIC Breast Imaging!

Hours: 8:00 am until dismissed by attending

Location:

Breast Imaging resident reading room #1—1193 (OCC 1st floor)

Breast Imaging resident reading room #2—1335 (OCC 1st floor)

Breast Imaging resident reading room #3—outside offices 1172 and 1174 (OCC 1st floor)

Miles Square reading room on first floor. extension 3-4423

Attendings:

- Dr. Ruqayyah Muslehuddin
- Dr. Erin Neuschler (section chief)
- Dr. Morlie Wang

Goals and Objectives:

- Describe and use appropriately BIRADS categories on first day of rotation.
- Use proper terminology for mammography, ultrasound and MRI.
- Read as many studies as you can. These are some suggestions
 - 15-20 as R1/2, and 20-30 as R3+

- Please be mindful of seniors who need to get their mammography numbers and they may take many of the cases
- Understand benign and malignant breast pathologies
- Perform procedures like ultrasound guided core needle biopsy, stereotactic core needle biopsy, MR guided core needle biopsy.

Requirements and Expectations:

- Review the history/labs in Epic, the indication, and prior imaging as needed.
- Draft a report and make revisions after reading out with the attending.
- Communicate critical and significant findings to the appropriate provider and document in the report.
- Supervise and teach medical students.
- Understand concordant and discordant biopsy results.

Schedule

You should attend all mandatory conferences: Tuesday and Wednesday 8:00-8:45 am and Monday through Friday 12:00-12:45 pm. Lunch break is 12:45-1:15 pm. These are protected times during which the attending will cover the service.

You should arrive by 8:00 am and check in with one of the “Breast imaging” attendings listed on QGenda first thing in the morning to introduce yourself. At the beginning of your first rotation, you should know the BI-RADS categories to orient yourself.

You should check in with your attending(s) before leaving for the day, usually around 4:00 pm.

Jr and Senior Resident Duties:

Junior resident (Initial breast imaging rotation) – Screening mammograms, screening ultrasound, and screening MRI.

Senior resident- (Subsequent breast imaging rotation)- Diagnostic mammography, diagnostic ultrasound and diagnostic MRI, interventional procedures, outside interpretation.

When both residents have previously been on Breast Imaging rotation, duties will be shared depending on the individual resident's needs and with the attending's approval.

Communication and Plan for the Day

Epic Chat attendings to communicate what your plan is for the day/week so that they are aware resident is on rotation and plans to read a particular modality. Chat is preferred so communication is not missed as attendings may be in procedures, in the MRI department or working remotely.

Discuss with your attending the plan for the day. Also discuss when and how they would like to readout and any other expectations. There should be daily verbal feedback for both the resident and attending. Both parties should be responsible for initiating this discussion.

Workflow

In the reading room, there are two connected computers. When you open a study in PowerScribe, the hologic workstation will display the images. Use this hologic workstation—not PACS—to read mammograms because mammography requires these special monitors.

Log in to the main computer using your UIC credentials, then log in to the Hologic monitor using the username “resident” and password: “**resident**”.

If you are reading screeners, start by reviewing verified exams from the “**Recent Mammo**” worklist in PACS and drafting reports in PowerScribe.

Studies are assigned to different attendings. Assign the study to yourself, leave the report in **draft mode**, and then reassign the study to the attending.

The attending will review the exam, finalize the report, and provide you with the written feedback in the finalized report.

Some important worklists are:

- Screens - Unread screening mmg and us
- Diags - Diagnostic mmg and limited us
- MRIs - MG MR breast
- Procedures - MG procedures

Reporting

Use templates beginning with RESIDENT for all studies (RESIDENT screening MMG, RESIDENT diagnostic, RESIDENT US biopsy, RESIDENT stereo biopsy).

Screening studies can only be assigned BR 0, 1 and 2 and acceptable recommendations are additional imaging or routine annual screening. Screening studies cannot be assigned 12-month follow up recommendation.

Patients with two or more family members with breast cancer can be given high risk blurb. Patients who are hetero or extreme can be given density blurb.

Diagnostic Imaging

If you are reading diagnostic examinations, the attending will contact you when a patient's initial imaging is ready for review. Please keep epic chat open for any possible communication.

Procedures

If you are performing procedures, speak with the attending to review the daily schedule. Follow the attending during the procedures, and complete the report afterward. Resident may need to complete the history form and consent form. Resident may need to consent the patient for the procedure. Resident may need to work with tech to preload the local anesthesia. MRI-guided biopsies are performed in the hospital MRI suite usually starting at 7:30am on Tuesdays.

Resources:

1. Breast Imaging Companion by Gilda Cardenosa – Recommended for reading during first rotation
2. ACR BI-RADS Atlas
3. Sickie's lectures
4. Clinical Breast Imaging by Gilda Cardenosa
5. Breast Imaging- The Requisites by Debra Ikeda
6. Breast MRI: Diagnosis and Intervention edited by E. Morris and L. Liberman
7. Breast Ultrasound by A. Thomas Stavros
8. Society of breast Imaging –Case of the month- <http://www.sbi-online.org/> (resident can submit case and be paid \$100 if used) <http://www.sbi-online.org/>
9. University of Washington teaching file- <http://www.rad.washington.edu/academics/academic-sections/mbi/education/mammoed>
10. Unusual Breast Lesions- http://radiographics.rsna.org/content/19/suppl_1/S11.abstract
11. Male Breast Disease- <http://radiographics.rsna.org/content/19/3/559.long>
12. UIC radiology YouTube channel
 - How to read a screening mammogram <https://www.youtube.com/watch?v=UYt99-cYnKY>
 - How to read breast MRI <https://www.youtube.com/watch?v=Mwcu3T5hO4A>

- Stereotactic biopsies

<https://www.youtube.com/watch?v=qnPMH9njf-g>

13. Medality
14. Core Radiology book
15. Anki cards
16. RadPrimer Questions
17. “Making the diagnosis - a practical guide to breast imaging” by Jennifer Harvey