
Body MRI Fellowship – Fellow Responsibilities

Standard work day:

- Non-procedure day: 8 am until work is complete; usually by 5:30 pm
- Procedure day: 7:30 (or 1 hour before 1st scheduled case) until complete; usually 5:30 pm

- Periodically fellows will be assigned 12-1pm 'stat' reader
- Otherwise 12-1pm is available as free time or to attend noon lectures if there are no clinical obligations, e.g. STAT reader or liver tumor clinic

Duties:

1. Protocols:
 - a. Protocol MRIs if no senior resident. If 3rd/4th year present, teach them and support them
 - b. Protocol CTs if no residents present or available, support and advise residents as needed
2. Interpretations:
 - a. Interpret all MRI exams. Be aware of case types you are reading and where there are gaps to ensure you have exposure to a variety of exam types and disease processes. (this will be addressed at mid-year feedback session with fellowship director). Best to use the protocol section of the Geisel Radiology website and categorize them by protocol.
 - b. Interpret CT exams, secondary to prioritizing MRI.
 - c. Interpret CT Colonography exams. Minimum of 6 during fellowship. Learn the 3D reformatting techniques.
3. Patient care:
 - a. The fellow will respond to all contrast reactions and extravasations in CT and MRI or delegate to a resident.
 - b. Teach residents how to manage these. Document appropriately.
4. Procedures:
 - a. Each fellow may choose, at the beginning of the year, if they want to pursue competency in CT guided interventions.
 - i. NO: You will not participate in this service, and we will be unable to credential you for that work in your future practice.
 - ii. YES: Elective time can be used for procedures
 1. You will be assigned to the Procedure service periodically, typically in one week blocks. Prepare yourself for the day's work by reviewing cases the night before.
 2. Perform consents, procedures, discharges.
 3. Approve procedure requests with an attending and document appropriately.
 4. Admit patients when necessary, in conjunction with help from the IR associate providers.

- iii. *You may be asked to perform above duties, even if you did not do the procedure. The body section is a clinical service and we all contribute to patient care.
5. Scanning & reformatting:
 - a. Learn about MRI safety, how to determine if foreign body is MRI compatible, patient positioning, coil selection & positioning, sequence acquisition
 - b. Learn methods used to acquire motion free images in body MRI
 - c. Learn how to problem solve for motion and other artifacts
 - d. Learn how to perform basic MR/CT reformatting (centerline reformats, true diameter measurements, volume rendering, etc.)
 6. Teaching and mentoring:
 - a. Didactics: Each fellow will give 2 resident noon conferences; topic of fellows choice to be approved by fellowship director
 - b. Residents: Fellows are expected to teach senior residents about body MRI topics
 - i. Have several 'canned' 10 minute mini lectures about body MRI to give to the 2nd year radiology residents on body rotation, as they begin to read MRIs
 - c. Medical Students: Although the resident on service assumes primary responsibility for the medical students, fellows are expected to welcome visiting learners into the reading room and teach them about body imaging as needed.

Conferences:

Multidisciplinary Conferences: 2 of the weekly conferences are mandatory for fellows. The remainder are optional. Attendance is highly encouraged. You will be assigned to be the presenter at LTC, GI conf and GI tumor board periodically, as well as others as needed.

- GI tumor board Tuesdays 6:45-8 am
- Liver tumor clinic Tuesdays 12-1 pm
- **GI conference Wednesdays 7-8 am – GI conf room level 4C MANDATORY, in person attendance**
- GU conference Thursdays 7-8 am (*fellows to go over cases with the presenting resident on weeks that Dr Silas is not available*)
- GU tumor board Thursdays 4:30-5:30 pm
- **Rectal cancer clinic 1st Thursday of the month 12-1pm, GI conf room level 4C – MANDATORY, in person attendance**
- Endocrinology Tumor Board Thursdays 4-5pm, every other week

Abdominal Interesting Case Conference: Tuesdays 8:15-8:45 in the body reading room. This is a teaching conference given by the fellows for residents and peers.

- Choose ~ 6 interesting cases and be familiar with them for presentation
 - May use cases in the body teaching case folder in PACs
 - Present directly from PACs- no need to make ppts
- Present as unknowns, ask residents to take cases and answer questions
- Have 2-3 teaching points to make for each case

Call and Evening Shifts:

- The Board-eligible fellow will be part of the General Call pool and function as an independent reader. One weekend/month.
- Evening (5-9 pm) and weekend shifts will be scheduled per Vice Chair of Operations

Feedback and Evaluation:

- Formal feedback will be given twice annually; once in the fall, once in the spring
- Bring a log sheet of case volumes to these sessions
- You should be prepared to discuss your strengths and areas for improvement at these meetings