

# Resident Duties While on the Body Rotation

## All residents

**Expected to arrive by 7:45am** (unless at a conference)

**Trillian Groups to Monitor- this is a primary means of communications:**

Body CT-junior residents to manage CT issues/questions

Body MR- senior resident to manage MR issues/questions

Body Outreach

Body 3D

## Conferences to attend

GI conference Weds 7-8am. Attend weekly

GI Tumor board Tues 6:45-8am. Attend once during each rotation

GU conference Thurs 7-8am. Attend weekly

## 1<sup>st</sup> rotation-

- **Protocol CT Orders**
  - When: 1<sup>st</sup> thing in am upon arrival. Re check the list after each case you read for 'Stat' & Inpatients.
  - Prelim your protocols and have a staff or fellow check *all* of your protocols before finalizing
  - If it takes you a long time to do protocols, you will need to plan accordingly and arrive *earlier than 7:45*. You should be finished protocols and begin reviewing cases by 8:15am
  - Review 'Protocols Body Imaging Exams' on the Geisel Radiology website-use as guide
- **Answer the phone** State your name & role. If you don't know something, put them on hold and ask - don't guess.
- **Attend all contrast reactions and contrast infiltrations** whether you are primary on scene or not
- **Interpret, dictate & staff cases**
  - See suggested case volumes, below
  - **Prioritization:** Stat from all sites, then inpatient, then outpatient. DHMC, then other sites we are covering that day, then other sites with radiologist present
- **Teaching medical students:** You will be assigned days when you are responsible for the students' education & activities in the body reading room. See last page.

## 2<sup>nd</sup> rotation -

- **Protocol CT scans** as above (If there is another 1<sup>st</sup> year on rotation, share protocols). Week 1, get them all checked by staff or fellow. After week 1 you may finalize those you are comfortable with
- **Manage contrast reactions & extravasations** with support of senior resident, fellow or staff. Document appropriately

- **Interpret, dictate & staff cases**
  - See suggested case volumes, below
  - **Prioritization:** Stat from all sites, then inpatient, then outpatient. DHMC, then other sites we are covering that day, then other sites with radiologist present
- **Teaching medical students:** You will be assigned days when you are responsible for the students' education & activities in the body reading room. See last page.

### 3<sup>rd</sup> and 4<sup>th</sup> rotations-

- **Complete the MRI protocols** – Prelim then and have staff check until you are given the 'green light' to finalize them on your own
- **Complete the CT protocols** – As needed. Help out & advise junior resident
- **Teach & support junior residents** in contrast reactions, extravasations, documentation, etc
- **Interpret, dictate & staff cases**
  - See suggested case volumes, below
  - **Prioritization:** Stat from all sites, then inpatient, then outpatient. DHMC, then other sites we are covering that day, then other sites with radiologist present
  - If there is a junior resident on body with you, your focus should be on MR
- **Teaching medical students:** You will be assigned days when you are responsible for the students' education & activities in the body reading room. See last page.
- **Run the Service** – you will be granted increasing autonomy over the rotations. We encourage you to make decisions based on your knowledge & experience.
  - You should be primary recipient of all MRI calls/question
  - By the final rotation we'd like to see you functioning at the level of a fellow
- **Interesting Case Conference-** the final week of your 4<sup>th</sup> rotation you will be expected to lead an interesting case teaching conference where you teach students & junior residents on rotation. Work with Dr McNulty to arrange the date & time.
- **Multidisciplinary conferences-** you may be asked to present at GI or GU tumor board, GI conference or LTC if needed

### All level residents

Work collegially and pitch in to get the work done. There are no rigid 'duties' that any one individual is responsible for. If you are getting overwhelmed with work, ask for help. If phones and logistics are preventing you from seeing enough cases, discuss with the staff and ask for more support

### Medical Student teaching

- When students are in the department, a resident will be assigned to be responsible for them-check the white board for assignments. You are their resident-much like when you were a surgery or medicine intern.
- Residents are expected to welcome the medical students, introduce yourselves, orient them to our section, get them set up on PACS, and advise them of what to do while on rotation.

- Read the Medical Student G & O's for the body rotation, so you know what is expected of them: [502 Elective Manual](#), see Body Imaging, Page 13.

**. Appropriate activities for students**

- **Teach them about protocolling:**
  - Have them review the powerpoint tutorial on protocolling on the Geisel website.
  - Give them ~ 4 patients from the protocol list, have them look up clinical info in eDH, and have them think about how the study should be done. Discuss and finalize protocol with them.
  - Explain how we perform CT scans, addressing phases of imaging use of oral and iv contrast. Address risks of imaging, radiation, contrast agents.
  - Have them critique the history provided & discuss how history impacts our decisions.
- **Interpretations:** Good topics to address with students during read out:
  - Search patterns and approach
  - Normal anatomy review
  - Compartments – intraperitoneal vs retroperitoneal
  - Major categories of pathology & appearance on imaging
    - Inflammation
    - Obstruction
    - Fluid collections
    - Masses & mass effect
- **Independent case review:** A
  - After above has been done, have student log into PACS on workstation
    - Help select appropriate case for them to review on their own
    - 'Staff' them out once they are finished
- **CT Procedures:** Each student should observe all aspects of at least 1 CT guided procedure. Please help arrange this for them with the resident assigned to CT procedures.

**Reading**

Daily reading and studying is essential to learn body imaging. Follow the [recommended reading list](#) on the website

**Suggested Case Volumes per Day**

	Rotation #1	Rotation #2	Rotation #3	Rotation #4
CT	8	6	6	8
MR	0	3	6	8
Total	8	9	12	16

