

Course: UTSW/THR Frisco Surgery Elective (General/Endocrine/Bariatric/Colorectal)
SUR-2115

Department: Surgery

Faculty Coordinator: Ana Islam, MD

Clinic: UTSW Frisco clinic: 12500 Dallas Pkwy, 2nd floor, Frisco, TX 75033

Hospital: Texas Health Resources Frisco Hospital : 12400 Dallas Pkwy, Frisco, TX 75033

Periods Offered: ALL

Length: 4 weeks

Max # of Students: 1, 3rd or 4th Year Student (requires approval from Surgery Clerkship Director prior to confirmation of enrollment)

First Day Contact: Contact Dr. Islam to obtain information prior to you starting the rotation

First Contact Time: see above

First Day Location: see above

Prerequisites: Completion of General Surgery Clerkship

I. **Course Description:**

Goals	Objectives	Assessment methods
Patient Care: Students will learn a specialty focused history and physical	1. The student will be able to list appropriate indications to consult the specialty and will be able to develop a well-constructed consult to this service. 2. The student will be able to perform the appropriate evaluation of a patient prior to referral to this specialty. 3. The student will be able to take a specialty specific history and to perform a physical exam.	<ul style="list-style-type: none">• <i>Presentations of patients</i>• <i>Skills evaluation from direct observation.</i>
Medical knowledge: Understand the scope of established and evolving	1. Observe common procedures in the operating room and compare	<ul style="list-style-type: none">• <i>Presentations of patients</i>• <i>Skills evaluation from direct observation.</i>

clinical knowledge needed by general and sub-specialty surgeons; demonstrate the ability to acquire, critically interpret and apply this knowledge in patient care.	<p>preoperative assessments with operative findings.</p> <p>2. Read about each operation prior to surgery and participate in intra-operative discussion.</p> <p>3. Participate in evaluation and management of outpatients</p> <p>4. When clinical management questions arise on their patients, students are encouraged to seek current literature on the topic and share with the team.</p>	
Interpersonal and Communication skills: Demonstrate interpersonal and communications skills that result in information exchange and partnering with patients, their families and professional associates.	<p>1. Demonstrate an empathetic, respectful and effective communication style with patients and families of different cultural and social backgrounds.</p> <p>2. Demonstrate sensitivity to limitations in the patient's or family's cognition, emotional state or support.</p> <p>3. Interact in a respectful and collegial manner with team members, referring physicians, consulting services and clinic and operating room staff.</p>	<ul style="list-style-type: none"> • <i>Observations of faculty, staff and residents</i>
Professionalism: Demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to individual patient needs.	<p>1. Demonstrate compassion, respect and support when providing patient care.</p> <p>2. Demonstrate confidentiality and respect privacy when dealing with patients and families.</p> <p>3. Demonstrate respect and sensitivity for ethnic, cultural and religious mores.</p> <p>4. Interact with all team members in a collegial, respectful fashion.</p> <p>5. Demonstrate appropriate documentation in medical records.</p> <p>6. Avoid use of unapproved abbreviations in the medical record.</p> <p>7. Avoid/ Never copy and paste for daily inpatient notes</p>	<ul style="list-style-type: none"> • <i>Observations of faculty, staff and residents</i> • <i>Reflection essay</i> • <i>Group discussion</i>
Practice Based Learning and Improvement Demonstrate knowledge, skills and attitudes needed for continuous self-assessment, using	<p>1. Consult pertinent literature regarding patient management.</p> <p>2. Actively participate in teaching sessions to improve knowledge and skills.</p>	<ul style="list-style-type: none"> • <i>Observations of faculty, staff and residents</i>

scientific methods and evidence to investigate, evaluate, and improve patient care practice.	3. Incorporate feedback from attending staff, residents and other members of the healthcare team.	
System based practice Learn to practice high quality health care and advocate for patients within the context of the health care system.	1. Learn cost-effective health care. 2. Provide assistance to patients and families in dealing with system complexities by advocating participation of a multidisciplinary team when providing patient care. 3. Learn the role and resources provided by members of a multidisciplinary team. 4. Acknowledge medical errors, identify their causes and take steps to prevent recurrent medical errors. 5. Maintain accurate documentation in the medical record.	<ul style="list-style-type: none"> • <i>Observations of faculty, staff and residents</i> • <i>Reflection essay</i> • <i>Group discussion</i>

II. Methods of Instruction:

Date	Time	Location
Monday	8am-10am 10am-4pm	Endoscopy with Dr. Hafford Clinic with Dr. Hayetian
Tuesday	7am-5pm	OR with Dr. Hayetian/Dr. Islam
Wednesday	7am-8am 8am-5pm	M&M/student didactics OR with Dr. Islam/Dr. Hafford
Thursday	7am-8am 8am-10am 10am-4pm	Round on in-patients with attending, write daily progress notes on patients student is actively following. Clinic with Dr. Islam OR with Dr. Hayetian
Friday	7am-8am 8am-12pm 3pm-5pm	Round on in-patients with attending, write daily progress notes on patients student is actively following. Clinic with Dr. Hafford Multidisciplinary thyroid/adrenal conference, thyroid cancer conference, Endocrine Surgery department M&M
Saturday/Sunday	7am-5pm	Round on in-patients with attending*, write daily progress notes on patients student is actively following. See inpatient and emergency room consults with attending. Participate in emergency cases. If there are no active clinical matters, the student may go home for the day. One weekend day off.

		*One attending will be on weekend call Friday 7am-Monday 7am; the student should share his/her contact information with that attending to let the attending know which day the student will be rounding with the attending and to be kept updated of weekend consults and OR cases.
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III. Overview of student responsibilities

1. Students are exempt from clinical activities (OR and clinic) during Wednesday and Friday teaching conferences.
2. One student scrubbed on every OR case (except teaching times). The student should read and come prepared. When a student does not know an answer to a question in the OR, he/she is expected to read about the topic later that day. The student should become familiar with the history and pertinent physical findings for each patient. When clinical management questions arise on their patients, students are encouraged to seek current literature on the topic and share with the team.
3. Students should avail themselves of teaching opportunities in the OR including but not limited to preoperative ultrasound and interaction with the anesthesia team during induction and intubation. They should participate in patient positioning and transfer to PACU.
4. Students are expected to follow their patients throughout their hospital stay including postoperative check and rounds starting on POD #1. Students should be prepared to present their patients to faculty and write daily progress notes prior to going to the OR/clinic that morning. The student will present to the faculty with whom they operated. The maximum number of patients students should round and write notes on every morning is three. Rounds will happen before clinic/OR start, and the student is not expected to leave clinic/OR to round.
5. Students should attend outpatient clinic and be able to discuss differential diagnoses, workup, and management of surgical conditions.
6. By the end of the rotation, students are expected to have obtained basic proficiency in the following:
 - a. General: preoperative evaluation of common general surgical diagnoses (appendicitis, cholecystitis, hernia, bowel obstruction), understanding of operative approach given patient factors, assessment of complications.
 - b. Endocrine: preoperative evaluation of thyroid nodules/hypercalcemia/adrenal masses, interpretation of thyroid ultrasound, physical examination of the thyroid, understanding of the risks of thyroid and parathyroid surgery.
 - c. Bariatric: preoperative evaluation for bariatric surgery and gastroesophageal reflux disease, understanding of nutritional parameters in bariatric patients, understanding of post bariatric surgery physiology and complications in bariatric surgery.
 - d. Colorectal: preoperative evaluation of colonic and anorectal disease, understanding of inflammatory bowel disorders, knowledge of medical and surgical approaches to common colorectal disorders.
7. The student should present one topic of his/her choice, to be approved by the faculty, to the attending faculty at the end of the rotation. This topic should be related to a specific question related to the care of a patient the student observed on service, presented with evidence in the medical literature to support the management approach recommended. The presentation should be in the form of a 15-minute power point presentation, delivered on the last Friday of the rotation at noon in the General Surgery clinic area at UTSW Frisco, 12500 Dallas Parkway, 2nd floor.

IV. Method of evaluation of students and requirements:

1. Case presentations in clinic
2. Participation in operative cases with evidence of having read about the procedure, and questions during the procedure.
3. Evaluation based on assessment methods listed above, grade is Pass/ Fail.

V. Logistics:

1. Location
 - a. UTSW Frisco and Texas Health Resources Frisco are located at 12500 and 12400 Dallas Pkwy, respectively. If you are coming north on the North Dallas Tollway, exit El Dorado; the clinic and hospital will be on the right after you pass the light for El Dorado.
2. Parking
 - a. Park at the UTSW garage. You do not need to badge in. You may park anywhere there is a free space.
3. Clinic
 - a. The entrance to the clinic is from the UTSW garage. When you enter, you will have your temperature checked, and they will scan your badge and provide you with a face mask.
 - b. Take the elevator bank to the 2nd floor. Your badge will let you into the clinic. The general surgery clinic for all 4 physicians is in the same area with the same nursing staff. If you get lost, you may call either of the nurses, Caroline Silva (972-467-3772) or Cynthia Frias (214-717-2173), and they will be able to assist you.
 - c. There are a variety of unassigned work stations where you may log on to read about the patients you will be seeing.
4. Hospital
 - a. You can take the 2nd floor sky bridge from UTSW clinic that will take you directly to the 2nd floor of THF. Alternatively, you can enter the hospital through the front door. Show your badge, they'll give you a mask, and then head right to the elevator bank and take it to the 2nd floor.
 - b. Preop: When you take the elevators to the 2nd floor, you'll exit into the waiting room. To the left is preop, badge in. You'll see a white board behind the nurses' station with faculty name and the room number of the patient. You may wait for the attending on the day of surgery at this nurses station.
 - c. OR/endoscopy: There are 6 operating rooms and an endoscopy suite. The entrance to the OR suite is behind the preop area.
 - d. Lockers: The locker rooms are behind preop (the nurses can show you), and the other exit of the locker room leads directly to the ORs. Each student will have his/her own assigned locker – the charge nurse, Sharon, will assign this locker and give you the key to the locker on the first day, and she will also set up your ScrubEx access. The scrub machines are located in the locker rooms. Sharon can be reached by calling (469) 495-1090 and saying "Surgery."
 - e. Physician lounge:
 - i. There is a Physician Lounge in the OR suite, just behind OR 2, that has 2 computers and nothing else (no food or drink allowed since it's in the OR). This

is a good place to go to look up charts while waiting for the patient to roll back to the OR.

- ii. The main Physician Lounge is close to the bridge that connects THF and UTSW. There are always drinks and pre-packaged food in the fridge (sandwiches, salads), as well as breakfast foods and snacks. There is a coffee machine in there too. All the food is free of charge. There are 2 computers in this lounge as well, which you can use as long as they are open.

f. Cafeteria:

- i. The cafeteria is on the 1st floor. There is usually some kind of hot bar, pizzas, salad bar, and a grill. Closes at 2.
- ii. There is a coffee shop just outside the cafeteria on the 1st floor that is only open in the mornings.

5. EMR/badge access

- a. UTSW side – you will have the same EPIC login and password as you already use on main campus. However, you will need to contact Daffodil Baez for badge access. Her contact information is: Daffodil.Baez@utsouthwestern.org, (469) 859-9043.
- b. THF side – while THF uses EPIC, their version is called CareConnect, and you will need to be set up in that system. Biji Joseph will be your contact for this. She already knows you are coming; however, please reach out to her at least 1 week prior to rotation start to obtain computer and badge access. Her contact information is: BijiJoseph@texashealth.org, (972) 765-3186

6. Conferences

- a. Medical students will attend their weekly conferences on Wednesday mornings and report to OR/clinic after their conferences are over.
- b. Multidisciplinary thyroid/adrenal conference, thyroid cancer conference, and Endocrine Surgery department M&M happen every Friday at 3pm via Zoom/Microsoft Teams. The link will be sent to you by the Endocrine Surgery Administrator, Gabby Hernandez, Gabby.Hernandez@utsouthwestern.edu.

7. Helpful phone numbers

- a. Faculty
 - i. Ana Islam, MD, Endocrine Surgery (primary medical student contact) – (713) 409-1313
 - ii. Fernando Hayetian, MD, General Surgery – (724) 674-1767
 - iii. Melanie Hafford, MD, Bariatric Surgery – (678) 773-8909
 - iv. Eric Bass, MD, Colorectal Surgery – *pending*
- b. Mid-level providers
 - i. Marlen Piersall, PA-C, Endocrine Surgery – (940) 999-4680
 - ii. Kristine Jennings, NP, Bariatric Surgery – (310) 717-9647
 - iii. Laura Ervin, NP, Colorectal Surgery – (214) 399-0412
 - iv. Kari O'Brien, PA-C, Vascular Surgery – (214) 734-3067
- c. Clinic staff
 - i. Caroline Silva – (972) 467-3772
 - ii. Cynthia Frias – (214) 717-2173