

Course: UTSW/THR Frisco Surgery (General/Endocrine/Bariatric/Colorectal/Vascular/Breast 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:	1-2 4th Year Sub-Intern
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:	None

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 clinical knowledge needed by general and sub-specialty surgeons;	1. Observe common procedures in the operating room and compare preoperative assessments with operative findings.	<ul style="list-style-type: none">• <i>Presentations of patients</i>• <i>Skills evaluation from direct observation.</i>

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

evaluate, and improve patient care practice.		
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 and staff</i>

II. Methods of Instruction:

Date	Time	Location
Monday	7am-5pm	OR
Tuesday	7am-5pm	OR Clinic with Dr. Hafford
Wednesday	7am-5pm	OR Clinic with Dr. Ubesie, Dr. Knickerbocker, Dr. Liu
Thursday	8am-5pm	Clinic with Dr. Islam, Dr. Hafford
Friday	8am-12pm	Clinic with Dr. Hafford
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 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.

III. Overview of student responsibilities

1. One student scrubbed on every OR case. 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.

2. 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.
3. 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.
4. Students should attend outpatient clinic and be able to discuss differential diagnoses, workup, and management of surgical conditions.
5. 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.
6. 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 Honor/ High Pass/ 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.
 - b. Take the elevator bank to the 2nd floor. Your badge will let you into the clinic.
 - c. Please bring your own laptop to read about the patients you will be seeing as there are few unassigned work stations.
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.
 - 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 8 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 – Pat the at the OR front desk 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.
 - e. Physician lounge: 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.
 - b. THF side – while THF uses EPIC, their version is called CareConnect, and you will need to be set up in that system.
6. Helpful phone numbers
 - a. Faculty
 - i. Ana Islam, MD, Endocrine Surgery (primary medical student contact) – (713) 409-1313

- ii. Melanie Hafford, MD, Bariatric Surgery – (678) 773-8909
 - iii. Kanene Ubesie, MD, Trauma/General Surgery – (832) 455-3714
 - iv. Chase Knickerbocker, MD, Trauma/General Surgery – (305) 951-5085
 - v. Megan Parmer, MD, Trauma/General/Endocrine Surgery – (210) 392-0309
 - vi. Lainya Liu, MD, Colorectal Surgery – (469) 667-4676
 - vii. Gerardo Gonzalez-Guardiola, MD, Vascular Surgery – (617) 640-9594
 - viii. Anvy Nguyen, MD, Breast Surgery
- b. Mid-level providers
- i. Marlen Piersall, PA-C, Endocrine Surgery – (940) 999-4680
 - ii. Kristine Jennings, NP, Bariatric Surgery – (310) 717-9647