OSURG 880J: Orthopaedic Surgery

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BLOCK	#	BLOCK	#	BLOCK	#	BLOCK	#
Block 1A	0	Block 3A	0	Block 5A	4	Block 7A	4
Block 1B	0	Block 3B	0	Block 5B	4	Block 7B	4
Block 1C	0	Block 3C	0	Block 5C	4	Block 7C	4
Block 2A	0	Block 4A	0	Block 6A	4	Block 8A	4
Block 2B	0	Block 4B	6*	Block 6B	4	Block 8B	4
Block 2C	0	Block 4C	6*	Block 6C	4	Block 8C	4

*Blocks 4B and 4C are limited to approved ACFOR students only.

COURSE DESCRIPTION:
This is a 2-week introduction to the field of orthopaedic surgery. Students will be exposed to the evaluation and treatment of the musculoskeletal system. Students will participate in the orthopaedic surgery clinics, the operating theater, as well as group and one-on-one didactic sessions. Students are expected to participate in a limited amount of "call" while shadowing the junior orthopaedic surgery residents. Students are granted plenty of opportunities for hands-on experience. Students will present one patient encounter or clinical topic per week to an attending.

LEARNING GOALS & OBJECTIVES: At the completion of this clinical rotation students should be able to do the following:
1. Explore the scope of practice for an orthopaedic surgeon. (PD5, PR1)
2. Perform a comprehensive history, as well as upper/lower extremity or spine examination as indicated, and formulate a differential diagnosis and provisional treatment plan. (PC1, PC2, PC3, CS1, CS2, IP3, IP4, PL4, PD6)
3. Discuss bone formation and the hormonal regulation of bone maintenance. (MK1, MK2, MK3)
4. Recognize/discuss orthopaedic urgencies and/or emergencies, as well as the role of the orthopaedist for unstable trauma patients. (IP1, MK4)
5. Understand and discuss several common pediatric orthopaedic conditions, etiologies, and treatments. (MK1, MK2, PL1)

INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES: Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:
1. One-to-one and/or small group informal didactic session with faculty.
2. Selected readings followed by one-to-one presentations by students to the faculty.
3. Attendance at Orthopaedic Grand Rounds and weekly Fracture Conference.
4. Daily personal clinical teaching by residents and faculty.
5. Students will be exposed to and responsible for patient care in clinics and the inpatient setting including pre- and post-surgical care of patients observed in the operating room.
6. Didactic sessions attended by orthopaedic residents

PATIENT ENCOUNTERS: Students will be expected to work-up patients with these specified conditions:
1. Fractures (adult and pediatric)
2. Multi-trauma patients
3. Pediatric orthopaedic disorders (Scoliosis, Club Foot, M.A., etc.)
4. Common orthopaedic conditions of the hand and upper extremity
5. Arthroplasty of the hip and knee
6. Sports injuries

EVALUATION / FEEDBACK METHODS: Students will be evaluated using the following methods:
1. E*Value Clinical Performance Evaluation.
2. Presentations of patient encounters.
3. One to one discussions with attendings and residents.
4. Clinics and hospital rounds.
5. Daily interactions with faculty and residents in small group and one to one sessions.
6. Students will fill out an orthopaedic department–specific questionnaire to evaluate and give feedback on their experience.
7. Students will receive weekly feedback via group discussions with the course director.

Will students be expected to participate in call? ☒ YES ☐ NO
One weeknight until 10:00 pm and one weekend day/night each week.