

**NEWLY CREATED ELECTIVE
FOR UPSOM COURSE CATALOG**

Medical School Elective (MSELCT)

NAME: General Surgery: Hands On

CAMPUS/LOCATION: Watson Surgical Education Center

Slots Available: Flex weeks 1-5

Prerequisite: none

Course Director: Vaishali D. Schuchert, MD

Teaching Faculty: Vaishali D. Schuchert, MD

Where to Report: Watson 6th floor

Contact Name: Robert Dembinski

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Department Student Coordinator: Alisha Strong

Special Permission Required: No

Electronic Add/Drop Permitted: No

Number of Wks Required To Add or Drop: NA

Course Created (date): 12/12/2023

Notes: Rationale and Need: While all students rotate through general surgery during their third year, there is a lack of practical OR preparation for pre-clinical medical students. This course is aimed for all students regardless of their current interest in a surgical career. This course will teach students how to be helpful in the operating room, and teach basic surgical techniques. Students will leave the course with foundational surgical skills and an understanding of how to practice these skills. This course will enable students to get more out of their shadowing experiences and facilitate purposeful surgical skills practice. Ultimately the course will help prepare all students for their surgery clerkship, and increase interest in general surgery as a career.

Learning Objectives:

- To understand General Surgery as a residency & specialty
- To learn and practice basic suturing techniques
- To learn the purpose of different suture types
- To learn and practice basic knot tying techniques
- To learn the names and purpose of basic surgical equipment
- To learn basic OR etiquette
- To introduce laparoscopy
- To construct individual suture boards

Description:

Logistics And Educational Methods: This course will be available for 5-8 students per week. The course will meet daily M-Th from 4-7pm during flex weeks. Evaluation of learning objectives will be achieved by a brief pre and post course survey. The weekly course schedule will be outlined below:

Monday: Orientation lecture about General Surgery as a specialty, basic knot tying, suture types, followed by simulated practice.

Tuesday: Lecture covering OR basics (scrubbing, instruments), pre-charting cases, and basic suturing, followed by simulated practice.

Wednesday: Lecture on laparoscopy followed by simulation and practice.

Thursday: Construction of personal suture boards for students to take home and practice knot tying & sewing.

Friday: OR time with general surgery attendings based on student interest. This day will be removed during holiday shortened weeks.

Times And Venue: Watson 6th floor for all lectures & simulations

Flex week	Dates	Available
1	9/5/23 - 9/8/23	N
2	10/23/23 - 10/27/23	Y
3	1/29/24 - 2/2/24	Y
4	2/26/24 - 3/1/24	Y
5	9/16/24 - 9/20/24	Y

Evaluation: P/F based on participation in all required activities

Requirements: Available to MS1s & MS2s during their Flex weeks.

Type of Clinical Experience: Active simulation work, OR experience

Call Required: None

Student Contact Hours: Per day: 3 Per week: 15