2016-2017 Catalog

Clinical Elective on the Trauma Service - Jacksonville

SUR E 7J | 4th Year Elective | Surgery | Clinical Science

Prerequisites

Completion of third year core rotation in General Surgery.

Course Description

We are the only Level 1 Trauma Center in Northeast Florida. There are approximately 4000 trauma evaluations per year, with 18% being penetrating trauma. This rotation is on a busy trauma service and you will be expected to be involved in all aspects of patient care. This includes the initial evaluation of trauma patients, daily rounds, and operative cases.

Course Faculty and Staff

- Andrew Kerwin MD (Director)
- Eugenia Smith (Course Staff)
- Dani Brown (Course Staff)
- J. Bracken Burns DO (Other Faculty)
- Miren A Schinco MD (Other Faculty)
- Joseph J Tepas III MD (Other Faculty)
- Indermeet Bhullar MD (Other Faculty)
- Jin Ra (Other Faculty)
- James W Dennis MD (Other Faculty)
- Frank J Genuardi MD, MPH (Other Faculty)

Meeting Place and Time

8:30 AM: Student Coordinator's (Eugenia Smith) office; 3rd floor Faculty Clinic

Classes Offered

<table>
<thead>
<tr>
<th>Period</th>
<th>Length</th>
<th>Credits (Avail / Max Slots)</th>
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<tbody>
<tr>
<td>Period 1</td>
<td>4 Weeks (May 8 - Jun 4)</td>
<td>4 (1 / 1)</td>
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<tr>
<td>Period 2</td>
<td>4 Weeks (Jun 5 - Jul 2)</td>
<td>4 (1 / 1)</td>
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<td>Period 3</td>
<td>4 Weeks (Jul 5 - Jul 30)</td>
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<td>Period 4</td>
<td>4 Weeks (Jul 31 - Aug 27)</td>
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<td>Period</td>
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<td>Period 5</td>
<td>4 Weeks (Aug 28 - Sep 24)</td>
<td>4 (1 / 1)</td>
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<td>Period 6</td>
<td>4 Weeks (Sep 25 - Oct 22)</td>
<td>4 (1 / 1)</td>
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<td>Period 7</td>
<td>4 Weeks (Oct 23 - Nov 19)</td>
<td>4 (1 / 1)</td>
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<td>Period 8</td>
<td>4 Weeks (Nov 20 - Dec 17)</td>
<td>4 (1 / 1)</td>
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<td>Period 9</td>
<td>4 Weeks (Jan 3 - Jan 28)</td>
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<td>Period 10</td>
<td>4 Weeks (Jan 29 - Feb 25)</td>
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<td>Period 11</td>
<td>4 Weeks (Feb 26 - Mar 25)</td>
<td>4 (1 / 1)</td>
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<td>Period 12</td>
<td>4 Weeks (Mar 26 - Apr 22)</td>
<td>4 (1 / 1)</td>
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<td>Period 13</td>
<td>4 Weeks (Apr 23 - May 19)</td>
<td>4 (1 / 1)</td>
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**Evaluated Competencies**

**#1 Professionalism**

**Educational Objectives:** The student will maintain high standards of ethical behavior and sensitivity to a diverse patient population. The student will be respectful and compassionate towards patients, coworkers, classmates, and instructors.

**Method of Evaluation:** The student will be evaluated on the attendings' and the residents' observations.

**#2 Patient Care**

**Educational Objectives:** The student will be expected to perform a concise and complete surgical history and physical examination. The student should know differential diagnosis and independently be able to formulate an appropriate plan of management. The student should be eager and willing to learn new skills.

**Method of Evaluation:** The student will be evaluated on the attendings' and the residents' observations during teaching rounds and in the OR.

**#3 Medical Knowledge**

**Educational Objectives:** The student's fund of knowledge should be acceptable for level of training. He/she should know anatomy, natural history, and pathophysiology of common injury patterns and their management. Should understand the principles of infection;
immunology; and antibiotic usage, as well as those of surgical nutrition, acid base management, cardio-pulmonary resuscitation and injury evaluation. Should be able to solve clinical problems in a logical manner. Learns and applies new concepts easily and shows understanding of complicated issues.

**Method of Evaluation:** The student will be evaluated on the attendings' and the residents' observations during teaching rounds and in the OR.

#4 Practice-Based Learning

**Educational Objectives:** The student will be expected to show evidence of in-depth reading on surgical topics and will be prepared for the OR at all times. The student will be able to read about disease processes and apply knowledge gained in the care of patients.

**Method of Evaluation:** The student will be evaluated on the attendings' and the residents' observations during teaching rounds in the OR.

#5 Interpersonal and Communication Skills

**Educational Objectives:** The student will have the ability to communicate with peers; patients; families, staff, and physicians in a clear and compassionate manner.

**Method of Evaluation:** The student will be evaluated on the attendings' and the residents' observations.

#6 Systems-Based Practice

**Educational Objectives:** The student will understand the overall system of health care in which a surgical practice is carried out. The student will learn how to integrate medical and ancillary resources to optimize the overall evaluation, surgical care, and short- and long-term recovery of patients. The student will have insight into possible sources of medical errors at the level of individual provider and system.

**Method of Evaluation:** The student will be evaluated on the attendings' and residents' observations.