This course is designed to provide the student with a balanced, multidisciplinary perspective of the surgical sciences. The objectives are to provide an understanding of the surgical management of disease, to illustrate special problems encountered with surgical patients, to fix clearly in the student’s mind the means available for establishing diagnoses of surgical problems, to expose the student to the expectations and limitations of appropriate surgical therapy, and to give students familiarity in the pre- and post-operative care of patients. Major surgical problems are presented such that a correlation between clinical observations, surgical (operative) pathology, and the physiological alterations brought about by operation can be made. This background is intended to lead the student to appreciate both the philosophy and practice of surgery and their relationships to the medical practice in general.

Students are required to complete the 12-week surgery course which consists of exposure to both inpatient and specialty surgery. This will be organized into two principal rotations, each six-weeks duration: the inpatient rotation encompassing General Surgery, Vascular, Trauma, Oncology and Pediatric Surgery; and three two-week specialty rotations: Orthopaedics, Otolaryngology, Urology, Ophthalmology, Anesthesia, Plastic Surgery, Neurosurgery, Transplant Surgery, Cardiothoracic, Thoracic Surgery, Emergency Medicine, and Interventional Radiology. Each student will be assigned to rotations at some or all of the following locations: UCLA, Ronald Reagan UCLA Medical Center, West Los Angeles VA Medical Center, Santa Monica-UCLA Medical Center and Orthopaedic Hospital, Cedars-Sinai Medical Center, Olive View-UCLA Medical Center, Harbor-UCLA Medical Center, and Kaiser Permanente Los Angeles Medical Center. Objectives of the course in Surgery are the same at all locations, but administrative details and the flavor of the course will differ somewhat in each hospital.

Students will be assigned to evaluate and follow both inpatient and specialty patients, and are considered part of the treatment team of each service. Although they will not have primary responsibility for ward duties, they will be expected to become familiar with ward procedures and to participate in patient care activities. The association of students provides teaching on the wards with all levels of the staff, including junior and senior house staff and faculty. Students are expected to follow their patients to the Operating Room where they may be asked to "scrub," so that the entire treatment cycle of the surgical patient from diagnosis to operative management and through recovery can be observed. Attendance at the student lecture series and certain departmental conferences are required of all students on all rotations.

You will be expected to attend and participate in the clinics on the services you rotate through. You will be scheduled to be on-call by the Attending/Chief Resident on the service. The on-call schedule varies with the service to which the student is assigned. There is up to a 28 hr. max in-house call. If you come in at 6am you are to go home no later than 12p.m. the next day. There should be a six-hour grace period between shifts.

Surgery has a three-day orientation that starts at 7:30 a.m. on Monday morning. Iris Mau (310-206-2567, imau@mednet.ucla.edu) will send you an e-mail with the location of the orientation and your surgery schedule.

Students may contact the Surgery Education Office at (310) 206-2567 if they have questions.

Course Chairs
David C. Chen, MD
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dcchen@mednet.ucla.edu

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Course Coordinator
Iris Mau
(310) 206-2567
imau@mednet.ucla.edu
The Surgery Clerkship is not part of the lottery. All students will be placed in SU019, except for those in the Cedars Continuity, who will be placed in SU0012.

The twelve-week Surgery Clerkship consists of six weeks of inpatient experiences and six weeks of specialty experiences. For students placed in SU019, the inpatient surgery half of the clerkship and the specialty experiences are offered at various locations. Students will have the opportunity to rank the inpatient surgery and specialty experiences about six weeks before the start of the rotation.

Students enrolled in the Cedars Continuity Surgery Clerkship (SU0012) will complete all 12 weeks at Cedars-Sinai Medical Center.

The 6-week Inpatient Surgery experience is divided into two 3-week experiences which may be one of the following:

<table>
<thead>
<tr>
<th>Inpatient Surgery (6 weeks)</th>
<th>SU019 Various Locations</th>
<th>SU0012 Cedars Continuity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Care Surgery</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Colorectal Surgery</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Endocrine Surgery</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gastrointestinal Surgery</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>General Surgery</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Minimally Invasive Surgery</td>
<td></td>
<td></td>
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<tr>
<td>Pediatric Surgery</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Surgical Oncology</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Trauma</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Vascular Surgery</td>
<td>x</td>
<td></td>
</tr>
</tbody>
</table>

You will also be assigned to three 2-week specialty rotations, which may be one of the following:

<table>
<thead>
<tr>
<th>Specialty</th>
<th>SU019 Various Locations</th>
<th>SU0012 Cedars Continuity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anesthesiology</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Cardiothoracic</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Emergency Medicine elective</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Head &amp; Neck</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Interventional Radiology elective</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Neurosurgery</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Ophthalmology</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Orthopaedic Surgery</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Plastic Surgery</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Thoracic Surgery</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Transplant</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Urology</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>
Students enrolled in SU019 will have the opportunity to enter into a separate lottery for a combination of GENERAL SURGERY and SURGICAL SUBSPECIALTY rotations.

Three-Week Inpatient Rotations for Students on SU019 include the following:

**UCLA RRMC**

1. Endocrine Surgery: Based at UCLA RR. Covers outpatient and inpatient care of patients with parathyroid, thyroid, and adrenal disease. Includes diagnostic, therapeutic and multidisciplinary management.
2. Gastrointestinal Surgery: Based at UCLA RR. Focuses on multidisciplinary management and treatment of complex GI Surgery with a focus Colorectal and Bariatric Surgery.
3. Pediatric Surgery: Based at UCLA Mattel Children's Hospital. Focuses on the surgical management of pathology found within the Pediatric population.
4. Surgical Oncology: Based at UCLA RR. Focuses on multidisciplinary management and treatment of complex GI Surgery with a focus on Pancreatic Cancer, Biliary Surgery, and Surgical Oncology.
5. Trauma Surgery: Based at UCLA RR. Focuses on evaluation, management, and treatment of trauma patients in the Emergency Room, wards, and ICU of a Level I University Trauma Center.
6. Vascular Surgery: Based at UCLA RR. Focuses on diagnostic, interventional, and surgical management and treatment of vascular diseases, including carotid, aortic, visceral and peripheral vascular pathology.

**Harbor-UCLA Medical Center**

1. Colorectal/Ambulatory Surgery: Based at Harbor UCLA. Focuses on multidisciplinary management and treatment of complex GI Surgery with a focus on Colorectal Diseases.
2. Gastrointestinal/Surgical Oncology: Based at Harbor UCLA. Focuses on multidisciplinary management and treatment of complex GI Surgery with a focus on Pancreatic Cancer, Biliary Surgery, and Surgical Oncology.
3. Trauma Surgery: Based at Harbor UCLA. Focuses on evaluation, management, and treatment of trauma patients in the Emergency Room, wards, and ICU of a Level I County Based Trauma Center.
4. Vascular Surgery: Based at Harbor UCLA. Focuses on diagnostic, interventional, and surgical management and treatment of vascular diseases, including carotid, aortic, visceral and peripheral vascular pathology.

**Cedars-Sinai Medical Center (non-continuity)**

1. Acute Care Surgery: Based at Cedars. Focuses on evaluation, management, and treatment of trauma and emergency General Surgery patients in the Emergency Room, wards, and ICU of a Level I Academic Community Hospital Trauma Center.
2. General Surgery: Based at Cedars. Focuses on multidisciplinary management and treatment of general surgery and surgical oncology patients within a private Academic Community Hospital.
3. Vascular Surgery: Based at Cedars. Focuses on diagnostic, interventional, and surgical management and treatment of vascular diseases including carotid, aortic, visceral and peripheral vascular pathology in addition to exposure to kidney transplantation within a private Academic Community Hospital.

**Santa Monica-UCLA Medical Center**

General Surgery: Based at UCLA SM – Focuses on multidisciplinary management and treatment of the breadth of general surgery patient from simple to complex including elective and acute care surgery. Also includes a mixture of General, Vascular, Thoracic, and Endocrine exposure within an academic community based hospital.

**Olive View-UCLA Medical Center**

General Surgery: Based at UCLA OV – Focuses on multidisciplinary management and treatment of the breadth of general surgery patient from simple to complex including elective and acute care surgery. Also includes a mixture of General and Vascular exposure within a County Based hospital.
General Surgery: Based at Kaiser Los Angeles – Focuses on multidisciplinary management and treatment of the breadth of general surgery patient including elective and acute care surgery within the Kaiser System.

West Los Angeles VA

General/Vascular Surgery: Based at GLA VA – Focuses on multidisciplinary management and treatment of the breadth of general surgery patient from simple to complex including elective and acute care surgery. Also includes, a mixture of General and Vascular exposure within a Veterans Affairs Based hospital.

Two-Week Subspecialty Rotations for Students on SU019:

Students enrolled in SU019 will be asked to rank the subspecialties in order of interest. The subspecialty rotations are located at various institutional sites: UCLA, Santa Monica, Harbor, Olive View, and the WLA VA. Subspecialty ranking by institutional sites is not offered.

1. Anesthesiology: Based at UCLA RR – Exposure to management of patients undergoing, regional and general anesthesia.
2. Cardiothoracic Surgery: Based at WLA VA – Exposure to operative and perioperative management of surgical cardiothoracic disease including coronary bypass, valve, arrhythmia and oncologic surgery.
5. Interventional Radiology: UCLA RR and Santa Monica – Exposure to the diagnostic and therapeutic role of Interventional Radiology for surgical pathologies.
8. Orthopedic Surgery: Multiple – Exposure to the breadth of Orthopedics with diagnosis, management, and surgical treatment in multiple care settings.
11. Transplant Surgery: UCLA RR – Exposure to the field of Multivisceral Organ Transplantation including diagnosis, management, and surgical treatment of patients in need of liver, kidney, small bowel, and pancreas transplantation.
12. Urology: Multiple – Exposure to the breadth of Urology with diagnosis, management, and surgical treatment in multiple care settings.
Details about the Surgery Clerkship 0012 (Cedars Continuity)

Students enrolled in SU0012 Cedars Continuity will be assigned a combination of three-week inpatient rotations from the following:

1. Acute Care Surgery
2. Colorectal Surgery
3. General Surgery
4. Minimally Invasive Surgery
5. Surgical Oncology
6. Vascular Surgery

Students enrolled in SU0012 Cedars Continuity will be asked to rank these subspecialties in order of interest:

1. Anesthesiology
2. Head & Neck Surgery
3. Ophthalmology
4. Orthopaedic Surgery
5. Pediatric Surgery
6. Plastic Surgery
7. Transplant Surgery
8. Urology