COURSE CHAIR: Rishab K. Gupta, Ph.D. (310) 449-5265

SUPPORTING FACULTY: Drs. R.F. Irie, D.S.B. Hoon, M.H. Ravindranath, M. Cabot

STUDENT COORDINATOR: Rishab K. Gupta, Ph.D. (310) 449-5265 E-MAIL: gupta@jwci.org

REPORT TO: Dr. Rishab K. Gupta, John Wayne Cancer Institute, Rm 229, 2200 Santa Monica Blvd., CA 90404

PREREQUISITES: Immunology

AVAILABLE TO EXTERNs: Yes

STUDENTS / PERIOD: max 4 min 1

DURATION: 3, 6 weeks

2004–2005 ROTATIONS BEGIN WEEKS: By Arrangement

DESCRIPTION: Students will discuss research projects with faculty members involved in this elective. They will choose to work in one of the following areas of Human Tumor Immunology: serology, detection of tumor-associated antigens in urine of cancer patients, quantitation of circulating immune complexes, cellular cytotoxicity, lymphokines, and hybridoma technology, molecular biology.

COURSE OBJECTIVES (in order of importance)
1. To relate the laboratory results to clinical situations in cancer patients.
2. To provide an exposure to the laboratory research related to human cancer for students considering an academic research career.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Test blood samples from cancer patients for the presence of tumor markers and correlating results with presence or absence of cancer (solid tumors particularly) in the body.

INPATIENT: NA% OUTPATIENT: NA% CONSULTATION: NA% PRIMARY CARE: NA%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
RESIDENTS
INTERNS
X OTHER Basic Scientists

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: N/A

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: N/A

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>Discussion and Directed Readings</td>
<td>Research</td>
<td>8:00 – 9:00 Clinical Conference Research</td>
<td>Research</td>
<td>Research</td>
</tr>
<tr>
<td>PM</td>
<td>Research</td>
<td>Research</td>
<td>Research</td>
<td>Research</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

5:30 – 6:30 Research Conference

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE OBJECTIVES (in order of importance):

1. Increase the knowledge of presentation, clinical evaluation, and appropriate treatment of diseases of the breast, including cancer, lumps, cysts, etc.
2. Provide emphasis on the surgical treatment of breast cancer, including preoperative, intraoperative, and postoperative decision-making.
3. Improve understanding of the systemic treatment of breast cancer.
4. Increase the student’s knowledge of breast cancer screening.
5. Provide exposure to multidisciplinary clinics and conferences.
6. Increase the student’s confidence and ability to perform breast examination.
7. Provide interpretation of common radiologic studies used in the evaluation of breast disease.

DESCRIPTION: The UCLA Breast Center has a comprehensive and multidisciplined program for women with all forms of breast problems. The diagnostic program is designed for evaluation of lumps, cysts, breast pain, nipple discharge and mammographic abnormalities. The high risk program enrolls women who have a family history of breast cancer or other factors which significantly increase their risk. The multidisciplinary program is for women who have a diagnosis of breast cancer or are at a major decision in their treatment.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Breast Cancer
2. Breast Lumps
3. Breast Cysts
4. Mammographic Abnormalities
5. Breast Pain
6. Nipple Discharge
7. Breast Reconstruction
8. Breast Cancer Screening

INPATIENT: 10%
OUTPATIENT: 90%
CONSULTATION: 100%
PRIMARY CARE: 100%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
FELLOWS
X RESIDENTS
INTERNS
X OTHER Nurse Practitioner

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 7.5 (2 per clinic)
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 50

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
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<th>Friday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:30 – 12:00 Diagnostic Breast Clinic</td>
<td>7:30 Operating Room</td>
<td>8:30 – 12:00 Operating Room</td>
<td>7:30 – 12:00 Operating Room</td>
<td>8:30 – 12:00 Diagnostic Breast Clinic</td>
</tr>
<tr>
<td></td>
<td>10:00 – 12:00 Diagnostic</td>
<td>8:30 – 12:00 Follow-up Program</td>
<td>8:30 – 12:00 High Risk Program</td>
<td>8:30 – 12:00 Diagnostic Breast Clinic</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>12:00 – 5:00 Diagnostic Breast Clinic</td>
<td>12:00 – 5:00 Diagnostic Breast Program</td>
<td>12:00 – 5:00 Multidisciplinary Breast Program</td>
<td>12:00 – 4:00 Diagnostic Breast Program</td>
<td>1:00 – 5:00 Diagnostic Breast Clinic</td>
</tr>
<tr>
<td></td>
<td>3:00 – 4:00 Multidisciplinary Breast Conference</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
Advanced Clinical Clerkship | Location: HARBOR

COURSE CHAIR:  
Rinaldo Canalis, M.D., (310) 222-2737  
Eliot Abemayor, M.D., Ph.D., Joel Sercarz, M.D.

SUPPORTING FACULTY:  
Rinaldo Canalis, M.D., (310) 222-2737

STUDENT COORDINATOR:  
Catalina C. Armendariz (310) 222-2737

REPORT TO:  
Head and Neck Clinic — 8:30 Main Hospital -  
Second Floor, Room 2F6.

PREREQUISITES:  
Surgery

AVAILABLE TO EXTERNALS:  Yes

STUDENTS / PERIOD:  
max 3 min 1

DURATION:  3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:  
3,6,9,12,15,18,21,27,30,33,36,39,42,45,48

DESCRIPTION:  
The student will be able to see and evaluate, under direct supervision of both the housestaff and faculty, a large variety of 
ENT problems. The service is very active. Conferences are held on Wednesdays. Grand Rounds at Harbor are followed by the Head 
and Neck Professor’s conference and the Otological conference at UCLA.

COMMON PROBLEMS/DISEASES

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>INPATIENT</th>
<th>OUTPATIENT</th>
<th>CONSULTATION</th>
<th>PRIMARY CARE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neck infections</td>
<td>0%</td>
<td>100%</td>
<td>10%</td>
<td>90%</td>
</tr>
<tr>
<td>Otitis media</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Head and Neck cancer</td>
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<tr>
<td>Maxillofacial fractures</td>
<td></td>
<td></td>
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<tr>
<td>Laryngeal disorders</td>
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<tr>
<td>Pediatric problems</td>
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</tbody>
</table>

PREREQUISITES: Surgery

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2004-2005 ROTATIONS BEGIN WEEKS: 3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION: The student will be able to see and evaluate, under direct supervision of both the housestaff and faculty, a large variety of ENT problems. The service is very active. Conferences are held on Wednesdays. Grand Rounds at Harbor are followed by the Head and Neck Professor's conference and the Otological conference at UCLA.

STUDENT EXPERIENCES

<table>
<thead>
<tr>
<th>INPATIENT</th>
<th>OUTPATIENT</th>
<th>CONSULTATION</th>
<th>PRIMARY CARE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neck infections</td>
<td>0%</td>
<td>100%</td>
<td>10%</td>
</tr>
<tr>
<td>Otitis media</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Head and Neck cancer</td>
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<tr>
<td>Maxillofacial fractures</td>
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<td>Laryngeal disorders</td>
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<tr>
<td>Pediatric problems</td>
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</tbody>
</table>

CLOSE CONTACT WITH:

FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 25

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 113

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<th>Friday</th>
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<tbody>
<tr>
<td>AM</td>
<td>7:30 Rounds</td>
<td>7:30 Rounds</td>
<td>7:30 Rounds</td>
<td>7:30 Grand Rounds</td>
<td>7:30 Rounds</td>
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<tr>
<td></td>
<td>9:00 – 10:00 Audiology</td>
<td>9:00 – 10:00 Operating Room.</td>
<td>9:00 – 10:00 Operating Room</td>
<td>9:00 – 10:00 Clinic</td>
<td>9:00 – 10:00 Clinic</td>
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<td></td>
<td>10:00 – 12:00 Clinic</td>
<td>10:00 – 12:00 Clinic</td>
<td>10:00 – 12:00 Clinic</td>
<td>10:00 – 12:00 Clinic</td>
<td>10:00 – 12:00 Clinic</td>
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<tr>
<td>PM</td>
<td>1:00 – 4:00 Clinic</td>
<td>1:00 – 4:00 Clinic</td>
<td>1:00 – 4:00 Clinic</td>
<td>1:00 – 4:00 Clinic</td>
<td>1:00 – 4:00 Clinic</td>
</tr>
<tr>
<td></td>
<td>4:30 Rounds</td>
<td>4:30 Rounds</td>
<td>4:30 Rounds</td>
<td>4:30 Rounds</td>
<td>4:30 Rounds</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: For 4-week course, list 2 consecutive time blocks in an Inclusion Group.
Course Objectives (in order of importance)

1. Knowledge of frequently encountered disorders of the head and neck, including congenital anomalies, infections, and neoplasms.
2. Thorough evaluation of patients with head and neck diseases, including pertinent history and complete examination of the head and neck. Instruction in the use of head mirror, fiberoptic endoscopes, & microscopic otoscopy.
3. Appropriate work-up, diagnosis, and treatment of patients with cancer of the head and neck.
4. Interpretation of basic head and neck X-Ray studies, audiograms, common microbiology lab results, and pathology.
5. Participation in surgical cases as an integral part of the operating team. Knowledge of basic techniques of direct laryngoscopy, wound closure, and knot-tying. Observation of a variety of operations performed by the head and neck surgery team during the clerkship.
6. Medical record keeping.
7. Knowledge of commonly used antibiotics, allergy medications, ear preps and other meds. often used in head and neck disorders.
8. Utilization of the healthcare team, through joint conferences with radiology, pathology, a weekly tumor board with radiation therapy.

Description:
The Head and Neck Surgery service at OVH-Medical Center has a busy outpatient clinic as well as OR schedule. Consultations are also done from all services in the hospital. A variety of disorders are seen, ranging from common ear, nose, and throat diseases to rare tumors and infections. Emphasis is placed on learning to perform a complete head and neck evaluation and examination through the use of head mirrors and fiberoptic scopes. Teaching conferences with Rad. & Path. are held.

Student Experiences

Common Problems/Diseases

1. Tonsillitis
2. Otitis media and externa
3. Hearing loss
4. Sinusitis, acute and chronic
5. Allergic rhinitis
6. Epistaxis
7. Cancer of head and neck
8. Facial trauma, and reconstructive problems

Inpatient: 10%
Outpatient: 90%
Consultation: 75%
Primary Care: 25%

Close Contact With:

X Full Time Faculty
Clinical Faculty
Fellows
Residents
Interns
Others

Approximate # of Patients Evaluated Each Week by Student: 13

Total # of Patients Evaluated Each Week by Entire Service: 125

Typical Weekly Schedule

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00 – 12:00 ENT Clinic</td>
<td>8:00 – 12:00 ENT Clinic and/or Operating Room</td>
<td>8:00 – 10:00 ENT Clinic</td>
<td>8:00 – 12:00 ENT Clinic and/or Operating Room</td>
<td>8:00 – 12:00 ENT Clinic and/or Operating Room</td>
</tr>
<tr>
<td></td>
<td>10:00 – 11:00 Teaching Conference Radiology or Pathology</td>
<td></td>
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<tr>
<td>PM</td>
<td>1:00 – 5:00 Operating Room; Inpatient and Consult Rounds</td>
<td>1:00 – 4:00 Operating Room</td>
<td>1:00 – 3:00 Tumor Board, 200 Med Plaza Ste. 550</td>
<td>1:00 – 5:00 Clinic and/or Minor Procedure Room; Inpatient and Consults Rounds</td>
<td>1:00 – 4:00 Operating Room</td>
</tr>
<tr>
<td></td>
<td>4:00 – 5:00 Attending Rounds</td>
<td>3:00 – 5:00 Basic Science Lecture Series, CHS</td>
<td>4:00 – 5:00 Attending Rounds</td>
<td></td>
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</tr>
</tbody>
</table>

On-Call Schedule & Weekend Activities: None

Additional Comments and Other Special Requirements:

This clerkship provides an outstanding opportunity for the interested student to evaluate and manage a wide variety of head and neck disorders. The county population served by OVH-UCLA Medical Center manifests both common disease (ear, sinus infections, tonsillitis) and unusual tumors (parotid neoplasms, cancer of the aerodigestive tract, congenital anomalies). There are only two head and neck residents assigned to this hospital so there is ample opportunity for students to participate actively in both the clinic and the O.R. This course will be useful for students interested in pursuing both.
SU299.01 HYPERBARIC MEDICINE

Advanced Clinical Clerkship  Location: ASSOC  2004–2005
Revised: 12/15/03

COURSE CHAIR:  PHONE #:
Michael B. Strauss, M.D., F.A.C.S., A.A.O.S. (562) 933-6950

SUPPORTING FACULTY:
Thomas Asciutto, M.D., George B. Hart, M.D., F.A.C.S.,
Suroch Huang, M.D.

STUDENT COORDINATOR:  PHONE #:
Roselle Villamil  (562) 933-6951

REPORT TO:  Roselle Villamil, Long Beach Memorial Medical
Center, 6th Floor North

PREREQUISITES:  Medicine and Surgery

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 2 min 1

DURATION:  2 weeks (4 By Arrangement)

2004–2005 ROTATIONS BEGIN WEEKS:
By Arrangement

DESCRIPTION:  Long Beach Memorial Medical Center's Hyperbaric Medicine Department has five monoplace hyperbaric chambers, three of which are adapted to support the critical care patient. The Department treats 200–350 patients per year and has ongoing projects in clinical and basic science research in hyperbaric oxygen therapy. Students are expected to be knowledgeable in medicine, surgery, physiology, and bacteriology. They will assist in the management of critical care patients as well as those suffering from chronic disorders, especially non-healing wounds. For the latter there, there will be opportunities for participation in surgeries and post-op care. One to two diving problems are managed each month.

COURSE OBJECTIVES
1. Recognize the indications, complications, hazards and contraindications of hyperbaric oxygen (HBO).
2. Appreciate the rationale for the timing and frequency of HBO treatments.
3. Evaluate and manage problem wounds using a multidisciplinary approach.
4. Augment the student’s database and documentation skills with special emphasis on hyperbaric medicine and wound care evaluations.
5. Understand the role of oxygen, nitrogen, carbon dioxide, and carbon monoxide in HBO therapy and diving medicine.
6. Appreciate the pharmacological effects of HBO and which drugs are antagonistic or synergistic with HBO.
7. Understand the medical problems of diving, especially decompression sickness and air embolism.
8. Operate a monoplace hyperbaric chamber including the use of physiological monitoring and life-support systems.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Problem wounds, diabetic foot wounds
2. Necrotizing Infections/Gas Gangrene
3. Carbon monoxide poisoning
4. Burns and compromised flaps
5. Radiation injuries, bone and soft tissue
6. Crush injuries, compartment syndromes
7. Neurological disorders
8. Medical problems of diving

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  6 – 10 (including clinics)

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  50 (including clinics)

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00</td>
<td>7:30</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
<tr>
<td></td>
<td>Report in</td>
<td>HBO/Wound Care Rounds</td>
<td>Tutorial: CO Rx</td>
<td>Preceptorship: Radiation Injury</td>
<td>Pediatric Grand Rounds</td>
</tr>
<tr>
<td></td>
<td>Entrance Interview &amp; Objectives</td>
<td>Rounds (Patient Allocation)</td>
<td>Preceptorship: Outpatient Wound Care</td>
<td>Preceptorship Tutorial: Outpatient Wound Care</td>
<td>Mini-Rounds</td>
</tr>
<tr>
<td></td>
<td>11:00</td>
<td>Tutorial: Mechanisms</td>
<td>Preceptorship Tutorial: Outpatient Wound Care</td>
<td>Tutorial: Dive Medicine</td>
<td>Tutorial: Dive Medicine</td>
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<td>AM</td>
<td>AM</td>
<td>AM</td>
<td>AM</td>
<td>AM</td>
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<tr>
<td>PM</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>12:00</td>
</tr>
<tr>
<td></td>
<td>Tutorial: (HBO Indications and Side Effects)</td>
<td>Tutorial: Wound Care</td>
<td>Tutorial: Crush Injuries, Osteomyelitis</td>
<td>Tutorial: Off Label Uses</td>
<td>Lunch Meeting</td>
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<tr>
<td></td>
<td>2:00</td>
<td>3:00</td>
<td>3:00</td>
<td>3:00</td>
<td>3:00</td>
</tr>
<tr>
<td></td>
<td>Preceptorship (Outpatient Wound Care and HBO)</td>
<td>Reading, Work Rounds, Research Projects, Wound Care Clinic</td>
<td>Reading, Work Rounds, Research Projects, O.R.</td>
<td>Tutorial: Infections</td>
<td>Reading, Work Rounds, Research Projects, Exit Interviews</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Elective on-call for the student's special interest(s), e.g., carbon monoxide poisoning, diving accidents.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Hyperbaric Medicine – Wound Care rounds are held weekly on Tuesday mornings. They expose students to a multidisciplinary approach to wound care and the other uses of hyperbaric oxygen. There are opportunities for both clinical and basic research in this field. Those interested in such projects should contact the department prior to rotation in order to use their time most effectively.
### COURSE OBJECTIVES (in order of importance)

1. To develop skills in the pre- and postoperative management of vascular surgery patients.
2. To develop knowledge in the diagnosis and management of claudication, carotid disease, aneurysms, acute limb ischemia and diabetic foot infections.
3. To develop an understanding of radiographic interpretation of vascular disease.
4. To develop an understanding of cardiac risk assessment and risk/benefit ratios of various vascular surgical procedures through twice weekly didactic sessions and literature review.

### DESCRIPTION:

The course is primarily designed for students interested in advance study in vascular disease, particularly for those planning a surgical career. However, the course welcomes other students, especially those planning primary care careers, who wish to gain more knowledge of common vascular disorders. The course will be appropriately tailored to the student's career goals.

### STUDENT EXPERIENCES

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 80%</th>
<th>OUTPATIENT: 20%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Aortic aneurysm (endovascular)</td>
<td></td>
<td></td>
<td>X FULL TIME FACULTY</td>
</tr>
<tr>
<td>2. Diabetic foot infections</td>
<td></td>
<td></td>
<td>CLINICAL FACULTY</td>
</tr>
<tr>
<td>3. Acute limb ischemia</td>
<td></td>
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<td>FELLOWS</td>
</tr>
<tr>
<td>4. Cerebrovascular disease</td>
<td></td>
<td></td>
<td>X RESIDENTS</td>
</tr>
<tr>
<td>5. Claudication</td>
<td></td>
<td></td>
<td>X INTERNS</td>
</tr>
<tr>
<td>6. Hemodialysis access</td>
<td></td>
<td></td>
<td>OTHER</td>
</tr>
</tbody>
</table>

### APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5

### TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 50

### TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8:00 – 4:00 Operating Room</td>
<td>8:00 – 2:00 Endovascular Suite</td>
<td>7:30 – 8:30 Grand Rounds</td>
<td>8:00 – 2:00 Endovascular Suite</td>
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</tr>
<tr>
<td></td>
<td>Evening Rounds</td>
<td>Evening Rounds</td>
<td>Evening Rounds</td>
<td>Evening Rounds</td>
<td>Evening Rounds</td>
</tr>
<tr>
<td>PM</td>
<td>Evening Rounds</td>
<td>Evening Rounds</td>
<td>1:00 – 5:00 Vas/Surgery Clinic</td>
<td>2:00 – 3:00 Didactic Session</td>
<td>2:00 – 3:00 Didactic Session</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>2:00 – 3:00 Didactic Session</td>
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</tbody>
</table>

### ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

On-call once per week. One day off every week.

### ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
SAINT MARY'S MEDICAL CENTER

SU310.03 INTENSIVE CARE UNIT, CARDIAC SURGERY

2004–2005

Rotations Begin Weeks: 3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

STUDENT EXPERIENCES

1. Coronary artery disease
2. Valvular heart disease
3. Arrhythmias
4. Congestive heart failure
5. Anticoagulation
6. Sepsis, renal failure, pulmonary complications
7. Anemias
8. Drug interactions

STUDENT COORDINATOR:
Shannon Tucker
PHONE #: (310) 423-3799
E-MAIL: tuckers@cshs.org

REPORT TO:
Chris Bice, Dept. of Surgery, Suite 8215, North Tower, 9:00 a.m.

PREREQUISITES:
Internal & Ambulatory Medicine and Surgery

AVAILABLE TO EXTERNs: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION:
This is an intensive care unit-based service that focuses on the medical management of the open heart surgery patient. Students also have the opportunity to observe and scrub in on cardiac surgery cases. This is a practical rotation for students. They will benefit by a close association with full-time faculty, cardiology fellows, and cardiac surgeons throughout each day. The primary emphasis will be on hands-on patient care and procedures with in-depth consideration of physical findings and ancillary laboratory testing. Students attend two daily lectures on EKG interpretation and on general cardiology topics.

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the timing and role of surgery for coronary and valvular heart disease.
2. History and physical examination of patients with coronary artery disease or valvular heart disease.
3. Evaluation of specialized cardic tests that are of importance for patients being assessed for open-heart surgery. (CXR, EKG, echocardiograms, nuclear scintigrams, coronary angiograms, and cardiac catheterization data).
4. Medical judgment, analysis of medical data, and synthesis of information in the preoperative patient.
5. The care of patients in the early postoperative period, with emphasis on low cardiac outpatient state, pulmonary insufficiency, tamponade, and arrhythmias.
6. Diagnosis and treatment of various arrhythmias.
8. Oral presentations.

COMMON PROBLEMS/DISEASES

INPATIENT: 100%
OUTPATIENT: 0%
CONSULTATION: 0%
PRIMARY CARE: 100%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 40

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 Work Rounds on post open-heart surgery patients</td>
<td>8:00 Arrhythmia Conf.</td>
<td>8:00 Work Rounds</td>
<td>8:00 Work Rounds</td>
<td>8:00 Work Rounds</td>
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<tr>
<td></td>
<td>10:00 Work Rounds with Attending Cardiologists, Fellow and House Staff</td>
<td>9:00 Cardiology Grand Rounds</td>
<td>10:00 Work Rounds with Attending and Team</td>
<td>10:00 Work Rounds with Attending and Team</td>
<td>10:30 Work Rounds with Attending and Team</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 EKG Lecture</td>
<td>12:00 EKG Lecture</td>
<td>12:00 EKG Lecture</td>
<td>12:00 EKG Lecture</td>
<td>12:00 EKG Lecture</td>
</tr>
<tr>
<td></td>
<td>1:00 Perform Workup and review data for next day’s surgical patient</td>
<td>1:00 Workups of Next Day’s Patients</td>
<td>1:00 Workup Patients</td>
<td>1:00 Workup Patients</td>
<td>1:00 Workup Patients</td>
</tr>
<tr>
<td></td>
<td>3:00 Cardiology Lecture</td>
<td>3:00 Cardiology Lecture</td>
<td>3:00 Cardiology Lecture</td>
<td>3:00 Cardiology Lecture</td>
<td>3:00 Cardiology Lecture</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: No call or weekends.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: In addition, x-rays, electrocardiograms, echocardiograms, and coronary angiograms are gone over in detail with the attending cardiologist to provide in-depth teaching for the entire team. If the student wishes, opportunities are amply available for exposure to ongoing research projects.
INTRODUCTION TO TRAUMA PATIENT MANAGEMENT

2004–2005
Revised: 12/8/03

Subinternship Location: HARBOR

COURSE CHAIR:  PHONE #: 
Stanley Klein, M.D. (310) 222-2795

SUPPORTING FACULTY: 
Marianne Gausche, M.D.

STUDENT COORDINATOR:  PHONE #: 
Teresa Scanlon (310) 222-2795
E-MAIL: scanlontp@aol.com

REPORT TO: 
Harbor-UCLA Main Unit, 3rd floor, Room 36, 0830 on 1st day

PREREQUISITES: 
Completion of third year Medicine and Surgery Electives

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS: 
3,6,9,12,15,18,21,27,30,33,36,39,42,45,48

DESCRIPTION: This elective will give the student the opportunity to study comprehensive care of the surgical patient. There will be exposure to all phases by working in the field with paramedics and analyzing patient management at several conferences. Concomitantly the student will be assigned to the Orange (Trauma) Surgery Service to assist in the management of patients during their in-hospital phase. Course didactic material will emphasize principles outlined in the Advanced Trauma Life Support (ATLS) manual. During the course and the rotation, the student will attend several weekly conferences where the care and outcome of patient management is reviewed.

COURSE OBJECTIVES (in order of importance)
1. Ability to perform a thorough evaluation of the traumatized and emergency patient; to establish priorities of management.
2. To increase knowledge and skills in patient evaluation and pre- and post-operative management.
3. Demonstration of proficiency for the diagnosis and management of the multiply injured patient.
4. Learn to evaluate the injured patient in the pre-hospital setting. This includes triage of the patient to the inpatient phase of care.
5. Students will learn the concepts stated in Advanced Trauma Life Support from the American College of Surgeons Committee on Trauma.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Blunt traumatic injury
2. Motor vehicular accidents
3. Falls
4. Penetrating injury
5. Gunshot wounds
6. Stab wounds

INPATIENT: 80%
OUTPATIENT: 20%
CONSULTATION: 0%
PRIMARY CARE: 100%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5 – 6
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 10 – 13

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>AM</td>
<td>Rounds</td>
<td>Rounds</td>
<td>Morbidity</td>
<td>Rounds</td>
<td>Rounds</td>
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<tr>
<td></td>
<td>Clinical work</td>
<td>Trauma Call</td>
<td>Conference</td>
<td></td>
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<td></td>
<td></td>
<td>Critical Care</td>
<td>Rounds</td>
<td></td>
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<td></td>
<td></td>
<td>Conference</td>
<td></td>
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<tr>
<td>PM</td>
<td>Paramedic Tape</td>
<td>Clinical Work</td>
<td>Paramedic</td>
<td>Clinical Work</td>
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<td></td>
<td>Review</td>
<td></td>
<td>Ride Along</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Will follow inpatients and be on call as scheduled. Paramedic ride along will include weekend activity.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: None.
COURSE OBJECTIVES (in order of importance)

1. Management and evaluation and therapy of common surgical problems and diseases.
2. Improvement in surgical judgment and indications for surgery.
3. Knowledge of appendicitis, cholelithiasis, breast masses, thyroid masses, atherosclerosis, GI problems in both adults and children.
4. Technical training in minor surgical procedures, handling of tissue, intubation, sigmoidoscopy.

DESCRIPTION:
This elective is for a busy general surgery service in a county hospital setting. All aspects of general surgery, including pediatric, vascular, and thoracic are included in the patient base. This course is designed for the student interested in a career in surgery or family practice who desires further exposure to fundamental surgical problems. The course will be tailored to meet each individual student’s goals, expectations and plans.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

<table>
<thead>
<tr>
<th></th>
<th>INPATIENT: 50%</th>
<th>OUTPATIENT: 50%</th>
<th>CONSULTATION: 25%</th>
<th>PRIMARY CARE: 75%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Appendicitis</td>
<td></td>
<td></td>
<td></td>
<td>X FULL TIME FACULTY</td>
</tr>
<tr>
<td>2.</td>
<td>Cholelithiasis</td>
<td></td>
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<td>X CLINICAL FACULTY</td>
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<tr>
<td>3.</td>
<td>Acute abdomen</td>
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<td>FELLOWS</td>
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<td>4.</td>
<td>Rectal, colon</td>
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<td></td>
<td>RESIDENTS</td>
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<td>5.</td>
<td>Pediatric problems</td>
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<td>INTERNS</td>
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<td>6.</td>
<td>Claudication, other vascular problems</td>
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<td>OTHER</td>
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<tr>
<td>7.</td>
<td>Breast masses</td>
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<td>8.</td>
<td>Trauma</td>
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<td>9.</td>
<td>Breast masses</td>
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</table>

APPARENT # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 18

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 175

TYPICAL WEEKLY SCHEDULE

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<thead>
<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>6:30</td>
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<td>7:30</td>
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<tr>
<td></td>
<td>7:30 – 12:00 Operating Room</td>
<td>7:30 – 12:00 Operating Room</td>
<td>7:30 – 4:00 Operating Room</td>
<td>8:30 – 12:00 General Surgery Clinic</td>
<td>7:30 – 3:00 Operating Room</td>
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<tr>
<td></td>
<td>or Pediatric surgery Clinic</td>
<td>or Pediatric surgery Clinic</td>
<td>or Pediatric surgery Clinic</td>
<td>or Pediatric surgery Clinic</td>
<td>or Pediatric surgery Clinic</td>
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<tr>
<td></td>
<td>9:00 – 12:00 Clinic (Vascular or Rectal)</td>
<td>9:00 – 12:00 Clinic (Vascular or Rectal)</td>
<td>9:00 – 12:00 Clinic (Vascular or Rectal)</td>
<td>9:00 – 12:00 Clinic (Vascular or Rectal)</td>
<td>9:00 – 12:00 Clinic (Vascular or Rectal)</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 4:00 General Surgery Clinic</td>
<td>12:00 Faculty Lecture</td>
<td>3:00 – 4:00 Chest Conference (alternate)</td>
<td>12:00 – 1:00 GI Conf. (alternate)</td>
<td>Operating Room, or Independent Study</td>
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<tr>
<td></td>
<td>1:00 – 4:00 Breast Clinic</td>
<td>1:00 – 4:00 Breast Clinic</td>
<td>1:00 – 4:00 Breast Clinic</td>
<td>1:00 – 4:00 Breast Clinic</td>
<td>1:00 – 4:00 Breast Clinic</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Flexible

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The Surgical Service provides a spectrum of opportunities in General, Pediatric, Vascular, and Thoracic Surgery, and the student is encouraged to utilize any and/or all aspects of the service to make this rotation meaningful and pertinent to his/her ultimate career plans. Regularly scheduled conferences, Rounds, lectures and tutorials are available to supplement the clinical exposure.
REPORT TO: Hilma Balaian, 4760 Sunset, 3rd Floor, Dept. of Surgery, at 8:00 a.m.

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXTERNALS: No

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION: The elective is designed for those students who wish a greater in-depth understanding and practical application of the principles of general surgery. This is accomplished by a high volume general surgical service, including a unique mixture of both primary surgical problems such as hernia, gallbladder, etc. and tertiary care cases referred from other Kaiser hospitals, including sarcomas, major pediatric surgery, hepatic resections, etc. Students will be fully integrated to our ACGME approved Surgical Residency Training Program.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Breast carcinoma
2. Colon carcinoma
3. Inguinal hernia
4. Cholecystitis
5. Appendicitis
6. Peripheral vascular disease
7. Pediatric surgical problems
8. Lung cancer

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 13

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 25

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>Work Rounds</td>
<td>Work Rounds</td>
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<td>Work Rounds</td>
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<tr>
<td></td>
<td>Attending Rounds</td>
<td>Attending Rounds</td>
<td>Attending Rounds</td>
<td>Operating Room</td>
<td>Attending Rounds</td>
</tr>
<tr>
<td></td>
<td>Surgical Outpatient Clinic</td>
<td>Conferences: 1. Medical Conf.</td>
<td>Surgery Clinic</td>
<td>GI Conference</td>
<td>Surgery Clinic</td>
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<td></td>
<td></td>
<td>2. Grand Rounds</td>
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<td>3. M&amp;M</td>
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<tr>
<td>PM</td>
<td>Operating Room</td>
<td>Attending Rounds</td>
<td>Ambulatory Surgery</td>
<td>Surgery Clinic</td>
<td>Operating Room</td>
</tr>
<tr>
<td></td>
<td>Work Rounds</td>
<td>Operating Room</td>
<td>Work Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On call with team assigned approximately four to five nights. Saturday a.m. rounds and conference.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: No stipends on housing. On-call rooms, parking, and meals provided.
SU362.01 NEUROSURGERY

Subinternship Location: CHS  2004–2005
Revised:  12/19/03

COURSE CHAIR:  Neil Martin, M.D  
PHONE #:  (310) 825-5482

Donald P. Becker, Residency Program Director
(310) 794-7362

STUDENT COORDINATOR: 
Colleen Bruton 
PHONE #:  (310) 794-7362
E-MAIL:  cbruton@mednet.ucla.edu

REPORT TO:  Kathy Lucak, N.P. 7WICU 5:15 a.m. rounds or Colleen Bruton’s office, Rm. 17-384 NPI.

PREREQUISITES:  Medicine, Surgery, Radiology

AVAILABLE TO EXTERNALS:  Yes

STUDENTS / PERIOD:  max 3 min 1

DURATION:  3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
By Arrangement

DESCRIPTION:  Introduce the principles of evaluation and treatment of the patient with nervous system dysfunction who might need surgical intervention. The activities include rounds with residents and faculty and daily management of neurosurgical inpatients, outpatient clinics with attending neurosurgeons, evaluation of ER neurosurgical patients or inpatients requiring neurosurgical consultation, and operating room activity.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Spinal degenerative joint disease
2. Intracranial masses
3. Pain problems
4. CNS trauma
5. Congenital defects
6. Hydrocephalus
7. Intracranial vascular disease
8. Movement Disorders

INPATIENT:  70%
OUTPATIENT:  30%
CONSULTATION:  0%
PRIMARY CARE:  0%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Nurse practitioners

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  4 – 5

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  44+

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>Rounds OR</td>
<td>Rounds OR</td>
<td>Rounds Case Presentations OR Surgery Grand Rounds** BIRC Meeting Brain Tumor Board</td>
<td>Rounds OR</td>
<td>Rounds OR Stroke/Neurovascular Conference Movement Disorder Conference Radiosurgery Conf.</td>
</tr>
<tr>
<td></td>
<td>Attend Outpatient Clinic</td>
<td>Attend Outpatient Clinic</td>
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<td>Attend Outpatient Clinic</td>
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</tr>
<tr>
<td>PM</td>
<td>Pediatric Brain Tumor Meeting Spine Conference Rounds Attend Outpatient Clinic</td>
<td>Rounds</td>
<td>ICU Rounds Epilepsy Rounds Floor Rounds Neurosurgery Conf. Neurosurgery Seminar Neurosurgery Grand Rounds***</td>
<td>Pediatric Neurology Rounds Interdisciplinary Pituitary Conference Rounds</td>
<td>Endocrine/Pituitary Conference Rounds</td>
</tr>
</tbody>
</table>


ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  On call every 3rd – 4th day. Saturday and Sunday 6:15 – 7:00 a.m. and 6:00 – 7:30 p.m. Rounds.
SU386.01 PEDIATRIC SURGERY

Subinternship

Location: CHS

2004–2005 Revised: 7/21/04

COURSE CHAIR:
James B. Atkinson, M.D.
(310)-825-6712
(310) 206-2429

SUPPORTING FACULTY:
James Dunn, M.D., Eric Fonkalsrud, M.D.

STUDENT COORDINATOR:
Rebecca Bernstein
(310)-825-6643
E-MAIL: rbernst@mednet.ucla.edu

REPORT TO: Externs report to Rebecca @ 7:30 a.m. in 72-229 CHS. UCLA students contact Rebecca one week before starting to find out who to contact.

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
By Arrangement

DESCRIPTION: An individual study in Pediatric Surgery at the UCLA Medical Center. The student will participate in lectures, conferences, clinics, ward Rounds, and assist in patient care, including emergency call responsibilities. The student may also participate in ongoing research projects being carried out by Research Fellows in the Division of Pediatric Surgery.

COURSE OBJECTIVES (in order of importance)
1. To provide experience/knowledge of out-patient and in-patient pediatric surgical care.
2. Knowledge of pediatric pre- and post-operative care of most common and important disorders including: anomalies of the inguinal canal, newborn malformations, gastrointestinal disorders, neoplasms, and a variety of thoracic disorders.
3. Knowledge of clinical background and physical examination.
4. Knowledge of appropriate diagnostic techniques.
5. Knowledge of pediatric operative management of most common disorders.
6. To provide exposure to pediatric surgery research.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Hernias
2. Newborn intestinal and thoracic malformations
3. Gastroesophageal reflux
4. Inflammatory bowel disease
5. Appendicitis
6. Pediatric thoracic disorders
7. Abdominal & thoracic neoplasms
8. Undescended testes
9. ECMO

INPATIENT: 50%
OUTPATIENT: 50%
CONSULTATION: 90%
PRIMARY CARE: 10%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X RESIDENTS
X INTERNS
X OTHER Administrator

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 28

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>6:30 – 7:30 Rounds w/ Pediatric Housestaff</td>
<td>6:30 – 7:30 Rounds w/ Pediatric House Staff</td>
<td>6:30 – 7:30 Rounds w/ Pediatric House Staff</td>
<td>6:30 – 7:30 Rounds w/ Pediatric House Staff</td>
<td>6:30 – 7:30 Rds w/ Pediatric Housestaff</td>
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<tr>
<td></td>
<td>7:30 Operating Room</td>
<td>7:30 Operating Room</td>
<td>7:15 – 8:15 Dept. Surgery Conf.</td>
<td>7:30 Operating Room</td>
<td>8:00 Pediatric Grand Rounds</td>
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<td></td>
<td>Outpatient Clinic</td>
<td></td>
<td>8:30 Operating Room</td>
<td>9:00 Outpatient Clinic</td>
<td>7:30 Operating Room</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 Outpatient Clinic</td>
<td>5:00– 6:00 Pediatric Surgery Conference</td>
<td>Operating Room</td>
<td>Outpatient Clinic</td>
<td>Operating Room</td>
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<tr>
<td></td>
<td>3:30 Tutorial</td>
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<td>9:00 Operating Room</td>
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<td>5:00 M&amp;M Conference</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Participate in emergency operations and surgical care. Morbidity and Mortality Conference – Mon., 5:00 p.m. Department Grand Rounds – Wed., 7:15 a.m.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The student will give a brief oral presentation on some topic of his/her choosing in Pediatric Surgery during the last week of his/her rotation.
COURSE OBJECTIVES (in order of importance)
1. Knowledge of normal cardiovascular anatomy and physiology
2. Understanding the pathophysiology of congenital heart defects
3. Diagnosis and management of complex ICU problems (pediatric)
4. Medical and surgical management of common heart defects
5. Improve clinical judgement and evaluation of clinical studies
6. Improve understanding and use of ICU cardiovascular meds.
7. Improve technical/surgical skills and operating room techniques
8. Improve history taking and physical exam as it relates to congenital heart disease
9. Understand cardiomyopathy and heart failure and the indications for pediatric heart transplantation

DESCRIPTION:
This course will introduce the embryology, anatomy, and pathophysiology of congenital heart disease and the strategies and techniques of surgical treatment. The patients will range from newborn infants to older children and young adults with congenital heart defects. The student will participate in AM and PM rounds in the ICU and on the wards, attend weekly conferences, and participate actively in the operating room on a daily basis. Didactic teaching sessions will augment the teaching on rounds and in the OR. Preoperative evaluation and postoperative intensive care management will be emphasized. Outpatients will be seen in the clinic on Tuesday and Wednesday PM. Time is allotted for reading and independent study. Reading materials and educational resources will be supplied.

STUDENT EXPERIENCES
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER NURSE PRACTITIONERS

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 8

TYPICAL WEEKLY SCHEDULE

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None; Weekend Rounds Sat./Sun. a.m.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
**SU390.01 HEAD AND NECK SURGERY**

**Subinternship**

<table>
<thead>
<tr>
<th>PHONE #</th>
<th>Location: CHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(310) 825-5179</td>
<td>2004–2005</td>
</tr>
</tbody>
</table>

**COURSE CHAIR:**

Gerald S. Berke, M.D.

**SUPPORTING FACULTY:**

Drs. Keith Blackwell, Elliot Abermayor, Thomas Calcaterra, and others

**STUDENT COORDINATOR:**

Gale Shornick, Ph.D.

**E-MAIL:**

gshornick@mednet.ucla.edu

**PHONE #:**

(310) 825-4551

**REPORT TO:**

Anne Clerke, R.N. (Head Nurse), 200 Medical Plaza, Suite 550, 8:00 a.m.

**PREREQUISITES:**

Medicine, Surgery

**AVAILABLE TO EXTERNALS:**

Yes

**STUDENTS / PERIOD:**

max 2 min 1

**DURATION:**

2, 3 weeks (By Arrangement for 4 weeks)

**2004–2005 ROTATIONS BEGIN WEEKS:**

2,3,5,7,9,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39,41,43,45,47,49

**COURSE OBJECTIVES (in order of importance)**

1. Increase skills in physical examination of the head and neck.
2. Become familiar with benign and malignant neoplasms of the head and neck.
3. Learn the most efficient methods of diagnosing and evaluating head and neck neoplasms.
4. Learn how to do a thorough history, physical examination, and laboratory evaluation of the dizzy patient.
5. Learn how to do a thorough history, physical examination, and laboratory evaluation of the hearing loss patient.
6. Learn to recognize and treat common ear diseases and infectious diseases of the head and neck.
7. Learn the basic principles of facial cosmetic surgery.
8. Learn how to evaluate pediatric airways.
9. Learn how to evaluate common pediatric problems related to the upper aerodigestive tract.

**DESCRIPTION:**

Students participate on the active in- and out-patient Services in Head and Neck Surgery as well as in the care of patients seen in the Operating Room at UCLA. Didactic training on Wednesday afternoons includes Tumor Board and Basic Science, Otology, Speech, Laryngology, Audiology, Oncology, Facial Plastic and Reconstruction conferences.

**STUDENT EXPERIENCES**

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT:</th>
<th>OUTPATIENT:</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ears</td>
<td>70%</td>
<td>30%</td>
<td>X FULL TIME FACULTY</td>
</tr>
<tr>
<td>Sinuses</td>
<td></td>
<td></td>
<td>X CLINICAL FACULTY</td>
</tr>
<tr>
<td>Neoplasias of the Head and Neck</td>
<td>50%</td>
<td></td>
<td>X FELLOWS</td>
</tr>
<tr>
<td>Bronchoesophagology</td>
<td></td>
<td></td>
<td>X RESIDENTS</td>
</tr>
<tr>
<td>Laryngology</td>
<td></td>
<td></td>
<td>X INTERNS</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>X OTHER Nursing staff</td>
</tr>
</tbody>
</table>

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:**

5

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:**

375

**TYPICAL WEEKLY SCHEDULE**

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
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<th>Wednesday</th>
<th>Thursday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>6:30</td>
<td>6:30</td>
<td>6:30</td>
<td>6:30</td>
<td>6:30</td>
</tr>
<tr>
<td></td>
<td>6W Round</td>
<td>6W Round</td>
<td>6W Teaching Rounds with Dr. Berke</td>
<td>6W Round</td>
<td>6W Round</td>
</tr>
<tr>
<td></td>
<td>8:00 Clinic</td>
<td>8:00 Surgery</td>
<td>7:30 Surgery Grand Rounds</td>
<td>8:00 Clinic</td>
<td>8:00 Clinic</td>
</tr>
<tr>
<td>PM</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00 – 6:00 Conferences</td>
<td>1:00 Clinic</td>
<td>1:00 Clinic</td>
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<tr>
<td></td>
<td>Clinic</td>
<td>Clinic</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>5:00 Rounds</td>
<td>5:00 Rounds</td>
<td></td>
<td>5:00 Rounds</td>
<td>5:00 Rounds</td>
</tr>
</tbody>
</table>

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Fourth-year students are not required to be on-call. Basic Science courses are held on Wednesday afternoons.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** In case of student overload, expect to be rotated to another hospital facility in order to benefit student.
SU390.02 ADVANCED OTOLARYNGOLOGY CLERKSHIP

Subinternship Location: KDMC

COURSE CHAIR: Gus Gill, M.D
PHONE #: (310) 668-4536

SUPPORTING FACULTY:

STUDENT COORDINATOR: Lorraine M. Smith, M.D., M.P.H.
PHONE #: (310) 668-4536
E-MAIL: losmith@cdrewu.edu

REPORT TO: MLK Hospital, Floor 3C at 7 a.m.

PREREQUISITES: Otolaryngology Clerkship, Surgery and Medicine

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 2

DURATION: 2 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
By Arrangement

DESCRIPTION: This course will allow the student to further enhance knowledge and skills in Otolaryngology. Patient responsibility will be increased and a broader range of diseases will be discussed.

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis, diagnosis, and management of common otolaryngology problems, e.g., sinusitis, epistaxis, dizziness, head and neck cancer: facial plastic surgery.
2. Interpretation of laboratory aids, CT, routine sinus x-rays, audiograms, etc.
3. Medical judgment, analysis and synthesis of information
4. Detailed history and physical examination
5. Management of minor trauma to face, nasal fracture, facial lacerations
6. Appreciation of spectrum of disease managed by otolaryngologist

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Sinusitis
2. Hearing loss
3. Nose bleed
4. Dizziness
5. Head and neck surgery
6. Facial plastic surgery
7. Tonsillitis
8. Chronic ear disease

INPATIENT: 20%
OUTPATIENT: 80%
CONSULTATION: 20%
PRIMARY CARE: 80%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER PA, Audiologist, Speech therapist

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 25

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 175

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
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<th>Wednesday</th>
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<td>AM</td>
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<td>6:00</td>
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<td>Rounds</td>
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<td>9:00 – 12:00</td>
<td>9:00 – 12:00</td>
<td>9:00 – 12:00</td>
<td>9:00 – 12:00</td>
<td>7:00 – 10:00</td>
</tr>
<tr>
<td></td>
<td>Clinic/Surgery</td>
<td>Clinic/Surgery</td>
<td>Clinic/Surgery</td>
<td>Clinic/Surgery</td>
<td>Pathology &amp; M.M., Grand Rounds</td>
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<td></td>
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<tr>
<td>PM</td>
<td>1:00 – 4:00</td>
<td>1:00 – 4:00</td>
<td>1:00 – 4:00</td>
<td>1:00 – 4:00</td>
<td>1:00 – 4:00</td>
</tr>
<tr>
<td></td>
<td>Clinic Patient Workups</td>
<td>Clinic/Audiology Examinations</td>
<td>Clinic</td>
<td>Clinic/Speech Pathology</td>
<td>Clinic</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
SURGICAL SUBINTERNSHIP

COURSE OBJECTIVES (in order of importance)

1. To provide a flexible and broad-based exposure to the specialty of Plastic and Reconstructive surgery. This will involve in- and out-patient surgery, with an emphasis on the correction of craniofacial deformities, breast and head and neck reconstruction by all varieties of flaps, including microsurgery. Cases involving cosmetic surgery (facelifts, blepharoplasties, liposuction, etc.) will also be available for the student rotating on this elective.

2. It is our hope that by combining the experience at UCLA (hospital and out-patient operating rooms) as well as Wadsworth Veteran’s Hospital, that the student will be able to obtain the widest possible exposure. The schedule, therefore, is quite flexible and should be determined by the student in conference with the chief resident of Plastic Surgery at Veteran’s Hospital Center and / or UCLA.

3. The student will be able to observe and we encourage them to participate in surgical procedures in the main operating room at CHS, the out-patient surgical center, and the operating rooms at Wadsworth Veteran’s Hospital.

DESCRIPTION:
Elective is very flexible. Primary emphasis is on the approach to reconstructive surgery and cosmetic surgery. The rotation can (if desired) include emergency call schedule to provide experience with suturing of lacerations and wound management.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Cosmetic surgery
2. Microsurgery
3. Craniofacial Surgery
4. Reconstruction following skin cancer
5. Defects requiring pedicle flap closure
6. General reconstruction

INPATIENT: 10%

OUTPATIENT: 90%

CONSULTATION: 100%

PRIMARY CARE: 0%

CLOSE CONTACT WITH:

X FULL TIME FACULTY

X CLINICAL FACULTY

X FELLOWS

X RESIDENTS

X INTERNS

X OTHER Nurses

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:
5 – 8

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>Operating Room at UCLA Clinic</td>
<td>Assist with Surgery and all faculty all day</td>
<td>Assist with Surgery at UCLA</td>
<td>Assist with Outpatient Surgery Dr. Miller and (UCLA) and faculty</td>
<td>Indications Conference Dr. Miller</td>
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</tr>
<tr>
<td>PM</td>
<td>Plastic Surgery Clinic at West Los Angeles VA Medical Center</td>
<td>Plastic Surgery Grand Rounds 5:30 p.m.</td>
<td>Plastic Surgery Clinic at West Los Angeles VA Medical Center</td>
<td>Plastic Surgery Grand Rounds 5:30 p.m.</td>
<td>Hand Surgery Clinic (optional)</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: A call schedule is encouraged (although not required) with general surgery resident to obtain exposure to a variety of emergency problems which involve primary suturing of facial lacerations and management of facial fractures.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR: James Bradley, M.D. 
PHONE #: (818) 364-3194

SUPPORTING FACULTY: Drs. Prosper Benhaim, James Bradley, Neil Jones, and Peter Lorenz

STUDENT COORDINATOR: Lorena Cardenas 
PHONE #: (818) 364-3194
E-MAIL: lcardenas@dhs.co.la.ca.us

REPORT TO: Olive View Medical Center, 14445 Olive View Drive, Sylmar, CA 91342, Room 2B-156.

COURSE OBJECTIVES (in order of importance)
1. Knowledge in the assessment of plastic surgery related deformities.
2. Knowledge in the possibilities of reconstruction.
4. Knowledge regarding the management of cutaneous malignancies.
5. Knowledge in the assessment of functional deformities of the hand.
6. Practice in the care of traumatic and surgical wounds, with emphasis on proper tissue handling and wound closure.
7. Practice in obtaining history and physical for patients with plastic surgical problems, to have the opportunity to first-hand evaluate functional and aesthetic deformities.
8. Knowledge regarding the various aspects of superficial anatomy, especially the hand and the face.
9. Knowledge regarding the evaluation and management of various facial injuries, including fractures.
10. Observance of evaluation and team approach for facial cleft deformities.

DESCRIPTION: This elective provides the student an opportunity to assist in managing patients with plastic surgery problems at a county hospital. The student activities in this course closely parallel the daily journey of the plastic surgery resident, usually also fully trained in general surgery. The student assumes responsibilities that are appropriate in the context of this close partnership.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Head and Neck defects and deformities
2. Hand Injuries
3. Hand infections
4. Cutaneous malignancies & benign tumors
5. Breast deformities
6. Scars
7. Facial Injuries, including fractures
8. Other soft tissue injuries

INPATIENT: 20%  
OUTPATIENT: 80%
CONSULTATION: 40%
PRIMARY CARE: 60%
CLOSE CONTACT WITH:  
X FULL TIME FACULTY  
X CLINICAL FACULTY  
FELLOWS  
X RESIDENTS  
INTERNS  
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 18

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7:30 a.m. – 3:30 p.m. OR at OVMC</td>
<td>7:30 a.m. – 3:30 p.m. OR at OVMC</td>
<td>7:30 a.m. – 3:30 p.m. OR at OVMC</td>
<td>7:30 a.m. – 3:30 p.m. OR at OVMC</td>
<td>7:30 a.m. – 3:30 p.m. OR at OVMC</td>
</tr>
<tr>
<td>PM</td>
<td>OR when available or Clinic</td>
<td>1:00 – 4:00 Plastic Surgery Clinic</td>
<td>1st Wednesday Craniofacial Clinic</td>
<td>7:15 – 8:15 Grand Rounds at OVMC (last week)</td>
<td>5:30 p.m. – 7:30 p.m. Grand Rounds — Plastics at UCLA</td>
</tr>
<tr>
<td></td>
<td>7:30 a.m. – 3:30 p.m. Hand Clinic/OR</td>
<td></td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Rounds and on-call responsibilities determined in conjunction with the Plastic Surgery Resident rotating through OVMC

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This rotation requires that the student have access to a car, as he/she will need to go from one hospital to another.
COURSE CHAIR: Amir Mehran, M.D., (310) 206-7235
Erik Dutson, M.D.

SUPPORTING FACULTY:
Drs. Carlos Gracia and Salvador Valencia

STUDENT COORDINATOR: Rebecca Bernstein (310) 825-6643

REPORT TO: Externs report to Rebecca @ 7:30 a.m. in 72-229 CHS. UCLA students contact Rebecca one week before starting to find out who to contact.

PREREQUISITES: Surgery

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS: 3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION: This rotation is primarily intended for students interested in pursuing a career in general surgery. It is not intended to replace a general surgery subinternship but rather, supplement it. Students are expected to participate in the care of surgery patients both in the hospital/clinic and the operating room. Although a formal presentation or paper is not required, students will be required to investigate and lead discussions on controversial or unusual topics. Students can participate in didactic and hands-on teaching sessions offered to the surgical house staff at the Center for Advanced Surgical and Interventional Technology (CASIT). They will also be required to attend monthly journal clubs and other resident teaching conferences.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Bariatric surgery
2. Gastroesophageal reflux disease
3. Achalasia
4. Benign disorders of the biliary tract
5. Solid organ surgery (liver, spleen, adrenal)
6. Hernias: inguinal, ventral, incisional
7. Benign & malignant colorectal disease
8. Nonbariatric gastric and intestinal surgery

INPATIENT: 25%
OUTPATIENT: 75%
CONSULTATION: 75%
PRIMARY CARE: 25%
CLOSE CONTACT WITH:
FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 8
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 40

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00 – 1:00 p.m. Bariatric Clinic</td>
<td>Operating Room</td>
<td>7:00 – 8:00 Resident Conference/Grand Rounds</td>
<td>8:00 – 12:00 General Surgery Clinic or Operating Room</td>
<td>7:30 – 1:00 p.m. Outpatient Operating Room</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Operating Room</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 5:00 CASIT</td>
<td>5:00 – 6:00 GI Surgery Conference</td>
<td>Operating Room</td>
<td>2nd Thursday (MIS Journal Club)</td>
<td>2:00 – 5:00 General Surgery Clinic</td>
</tr>
<tr>
<td></td>
<td>5:00 – 6:00 M &amp; M</td>
<td></td>
<td></td>
<td>Operating Room or Independent Study</td>
<td></td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: No more than one in three nights and weekends.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR:  
Peter F. Lawrence, M.D.  
PHONE #:  
(310) 267-0182

SUPPORTING FACULTY:  
Wesley Moore, M.D., Sam Ann, M.D., William Quinones, M.D., and David Rigberg, M.D.

STUDENT COORDINATOR:  
Rebecca Bernstein  
PHONE #:  
(310) 825-6643  
E-MAIL:  
rbernste@mednet.ucla.edu

REPORT TO:  Externs report to Rebecca @ 7:30 a.m. in 72-229 CHS.  UCLA students contact Rebecca one week before starting to find out who to contact.

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:  
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION: This program is designed for the student interested in advanced study in Surgery, particularly a student planning a career in Surgery and most specifically, any student wishing to apply to the General Surgery Residency Program. However, non-surgery applicants are welcome.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Aorto-iliac occlusive disease
2. Femoral-popliteal occlusive disease
3. Cerebrovascular insufficiency
4. Aneurysm disease-abd. & peripheral
5. Deep venous insufficiency
6. Thoracic outlet syndrome
7. Vasospastic disease

INPATIENT: 80%
OUTPATIENT: 20%
CONSULTATION: 5%
PRIMARY CARE: 95%

CLOSE CONTACT WITH:  
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 38

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
</table>
| AM   | 7:00 – 8:00 Ward Rounds  
(1st Monday 7:00 Rad. Conference)  
8:00 – 12:00 Vascular Surgery Clinic | 6:30 – 7:15 Ward Rounds  
Operating Room/ Vascular Surgery Clinic | 6:45 – 7:30 Ward Rounds  
Surgery Grand Rounds  
8:30 Operating Rm/ Vascular Surgery Clinic | 6:45 – 7:30 Ward Rounds  
7:45 Operating Room/ Vascular Surgery Clinic | 6:45 – 7:30 Ward Rounds  
7:45 Operating Room |
| PM   | 1:00 – 3:30 Vascular Surgery Clinic  
Conference  
5:00 General Surgery M&M | Operating Room/ Vascular Surgery Clinic  
Evening Rounds | Operating Room/ Vascular Surgery Clinic  
Evening Rounds  
(2nd Wednesday) Journal Club | Operating Room/ Vascular Surgery Clinic  
4:00 – 4:30 Pre-Op Conference  
4:30 – 5:30 Conference | Operating Room  
Evening Rounds |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Variable according to case load. Saturday, 8:00 a.m. General Surgery Education Conference (this used to be General Surgery Grand Rounds). Monday, 5:00 p.m. Morbidity and Mortality Conference.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The student functions essentially as a subintern, participating in rounds, operating room responsibilities, surgical ward responsibilities, teaching conference, and special tutorials.
**COURSE CHAIR:** Donald G. Mulder, M.D.  
PHONE #: (310) 825-0857

**SUPPORTING FACULTY:** Drs. A. Ardehali, G. Buckberg, R. Cameron, F. Esmailian, H. Laks, M. Plunkett, R. Beygui, J. Odim and W. Hofstetter

**STUDENT COORDINATOR:** Faye Turner  
PHONE #: (310) 825-0857  
E-MAIL: fturner@mednet.ucla.edu

**REPORT TO:**  
Cardiothoracic Surgery 62-249 CHS.

**COURSE OBJECTIVES (in order of importance)**

1. Progressive patient responsibilities with capability of evaluating and participating in the care of critically ill patients.
2. Capability of interpreting chest x-rays, pulmonary function studies, and cardiac catheterization data.
3. Familiarity with techniques for monitoring cardiopulmonary events, i.e., evaluation of CVP, pulmonary wedge pressure, and blood gases.
4. Develop an appreciation for the role of surgery in the patient with cardiac, pulmonary, esophageal, and other thoracic abnormalities.

**PREREQUISITES:** All Clerkships

**AVAILABLE TO EXTERNS:** Yes

**STUDENTS / PERIOD:** max 2  min 1

**DURATION:** 3 weeks

**2004–2005 ROTATIONS BEGIN WEEKS:** 3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:** This elective provides an opportunity to participate actively in the care of both pediatric and adult cardiac patients, as well as those with lung, esophageal, mediastinal diseases. This clinical exposure will be enhanced by didactic lectures and teaching sessions with the surgical faculty.

<table>
<thead>
<tr>
<th>STUDENT EXPERIENCES</th>
<th>INPATIENT: 95%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMON PROBLEMS/DISEASES</td>
<td>OUTPATIENT: 5%</td>
<td>X FULL TIME FACULTY</td>
</tr>
<tr>
<td>1. Coronary artery disease</td>
<td>CONSULTATION: 5%</td>
<td>X CLINICAL FACULTY</td>
</tr>
<tr>
<td>2. Congenital heart defects</td>
<td>PRIMARY CARE: 95%</td>
<td>X FELLOWS</td>
</tr>
<tr>
<td>3. Lung cancer</td>
<td></td>
<td>X RESIDENTS</td>
</tr>
<tr>
<td>4. Benign lung lesion</td>
<td></td>
<td>X INTERNS</td>
</tr>
<tr>
<td>5. Acquired valvular heart disease, esophageal lesions, benign and malignant heart block requiring pacemaker insertion.</td>
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<td>X OTHER: Nurses</td>
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<tr>
<td>6. Mediastinal tumors</td>
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</tbody>
</table>

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 25

**TYPICAL WEEKLY SCHEDULE**

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<tr>
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<td>8:00 – 12:00</td>
<td>7:00 – 8:15</td>
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<td></td>
<td>Indoctrination Rounds with residents (4E Nurses Station)</td>
<td>M &amp; M Conf.(62-173)</td>
<td>Surgical Grand Rounds (73-105)</td>
<td>OR/Ward/Library</td>
<td>Transplant meeting (14-214)</td>
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<td>7:30 – 8:30</td>
<td>CT Conference 63-105</td>
<td>8:00 – 12:00</td>
<td>OR/Ward/Library</td>
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<td>8:30 – 12:00</td>
<td>OR/Ward/Library</td>
<td>8:00 – 12:00</td>
<td>OR/Ward/Library</td>
<td>Thoracic M&amp;M Conf. (Last Fri/mo.-62-173)</td>
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<td>1:30 – 2:30</td>
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<td>OR/Ward/Library</td>
<td>OR/Ward/Library</td>
<td>OR/Ward/Library</td>
<td>OR/Ward/Library</td>
<td>Thoracic Tumor Board (B2-161)</td>
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<td>4:00 – 5:00</td>
<td>4:00 – 5:00</td>
<td>4:00 – 5:00</td>
<td>2:00 – 4:00</td>
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<td>Student Tutorial (Surgeon’s office)</td>
<td>Student Tutorial (Surgeon’s Office)</td>
<td>Student Tutorial (Surgeon’s Office)</td>
<td>Lecture Series (72-181)</td>
</tr>
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</table>

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Saturday OR/Ward/Library; Sunday Rounds with Dr. Laks and residents 4E ICU (5:00 p.m. time approximate)

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**
COURSE CHAIR: Bassam Omari, M.D.  
PHONE #: (310) 222-2747 

SUPPORTING FACULTY: Bassam Omari, M.D. 

STUDENT COORDINATOR: Michelle Lane  
PHONE #: (310) 222-2747 
E-MAIL: mlane@dhs.co.la.ca.us 

REPORT TO: Harbor-UCLA Medical Center, 3rd floor, Room #312, at 9:00 a.m. 

PREREQUISITES: Medicine and Surgery 

AVAILABLE TO EXTERNS: Yes 

STUDENTS / PERIOD: max 1 min 1 

DURATION: 3 weeks 

2004–2005 ROTATIONS BEGIN WEEKS: 6,9,12,15,18,21,27,30,33,36,39,42,45,48 

DESCRIPTION: This course is designed to allow the student to function as a member of the patient care team on a busy cardiothoracic surgical service in a hospital with an active trauma center. The role as a sub-intern will require a student with motivation, responsibility, and diligence. 

STUDENT EXPERIENCES 

COMMON PROBLEMS/DISEASES 
1. Coronary artery disease 
2. Valvular heart disease 
3. Bronchogenic carcinoma 
4. Congenital heart disease 
5. Penetrating thoracic trauma 
6. Blunt thoracic trauma 
7. Thoracic inflammatory disease 
8. Pericardial disease 

INPATIENT: 95%  
OUTPATIENT: 5%  
CONSULTATION: 5%  
PRIMARY CARE: 95% 

CLOSE CONTACT WITH: 
X FULL TIME FACULTY 
X CLINICAL FACULTY 
X FELLOWS 
X RESIDENTS 
X INTERNS 
OTHER 

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 4 
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 13 

TYPICAL WEEKLY SCHEDULE 

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<tbody>
<tr>
<td>AM</td>
<td>6:30 – 8:00 Ward Rounds</td>
<td>6:30 – 8:00 Ward Rounds</td>
<td>6:30 – 7:30 Ward Rds.</td>
<td>6:30 – 8:00 Ward Rounds</td>
<td>6:30 – 8:00 Ward Rounds</td>
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<td></td>
<td>8:00 – 3:30 Patient Care, Operating Room or Reading</td>
<td>8:00 – 1:00 Patient Care, Operating Room or Reading</td>
<td>7:30 – 8:30 Surgical Grand Rnds</td>
<td>8:00 – 3:00 Patient Care, Operating Room or Reading</td>
<td>8:00 – 3:00 Patient Care, Operating Room or Reading</td>
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<td></td>
<td>4:00 – 5:00 Medical/Surgical Chest Clinic</td>
<td>8:30 – 9:00 Morbidity &amp; Mortality Conf.</td>
<td>9:00 – 3:00 Patient Care, O.R. or Reading</td>
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<tr>
<td>PM</td>
<td>5:00 – 6:00 Attending Rounds</td>
<td>1:00 – 4:00 Outpatient Clinic</td>
<td>4:30 – 5:00 Adult Cardiology Conference</td>
<td>3:00 – 5:00 Attending Rounds</td>
<td>3:00 – 5:00 Attending Rounds</td>
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<td></td>
<td>6:00 – 7:30 Thoracic Grand Rounds (CHS)</td>
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<td>5:00 – 7:00 Attending Round</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On call as needed. 

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE OBJECTIVES (in order of importance):
1. To develop skills in preoperative evaluation of the patient with multiple trauma.
2. To gain exposure to techniques of resuscitation.
3. To evaluate the hospitalized patient who develops an acute surgical condition.
4. To develop an in-depth knowledge of the pathophysiology and treatment of shock and sepsis.
5. To become familiar with the principles of outpatient surgical diagnosis and treatment.
6. To learn principles of critical care medicine in the surgical ICU.

DESCRIPTION:
Students will function as subinterns on the service. Students will assist in operations performed in the minor operating room suite. They will also participate in emergency evaluation of trauma victims and will manage critically ill patients in ICU.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Appendicitis
2. Biliary tract disease
3. Multiple Trauma
4. Multiple Organ System Failure
5. Shock

INPATIENT: 90%
OUTPATIENT: 10%
CONSULTATION: 25%
PRIMARY CARE: 75%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
FELLOWS
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 75

TYPICAL WEEKLY SCHEDULE

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<td>AM Rounds</td>
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<td>AM Rounds</td>
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<tr>
<td></td>
<td>7:45 Elective Surgery</td>
<td>Elective Surgery</td>
<td>Dept. of Surgery Grand Rounds, 73-105 CHS Clinic</td>
<td>Trauma Patient Review</td>
<td>Ward Work &amp; Emergency Surgery</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 Elective Surgery</td>
<td>Elective Surgery</td>
<td>2:00 Teaching Rounds with Dr. Cryer</td>
<td>2:00 Ward Work</td>
<td>2:00 Ward Work &amp; Emergency Surgery</td>
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<td>PM Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On-call every third night.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Students will participate in clinics, conferences, Rounds, and other teaching activities. Monday, 5:00 p.m. Morbidity and Mortality Conference.
SU420.02 TRAUMA AND EMERGENCY SURGERY

Subinternship/Inpatient Location: CS

COURSE CHAIR:
Alan T. Lefor, M.D., M.P.H. (310) 423-5874

SUPPORTING FACULTY:
General Surgery Staff

STUDENT COORDINATOR:
Chris Bice (310) 423-5849 E-MAIL: chris.bice@cshs.org

REPORT TO:
Chris Bice, Dept. of Surgery, Suite 8215, North Tower, 9:00 a.m.

AVAILABLE TO EXTERNS: Yes

PREREQUISITES:
Medicine, Surgery, and Pediatrics

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION:
The emphasis is on initial resuscitation, urgent diagnostic evaluation, and rapid operative management of critically injured patients brought to this Level I Trauma Center. The clerk will follow the patient from the Emergency Department to the Scan/Angiography suite, the operating room, and the SIC.

COURSE OBJECTIVES (in order of importance):
1. Ability to resuscitate the injured patient using advanced trauma life support protocol.
2. Initiate urgent assessment of the trauma patient utilizing sequential diagnostic studies.
4. Interpretation of x-rays, CT Scans, and blood gases.
5. Critical care record keeping and chart maintenance.
6. Use of such agents as steroids, Manitol, and blood component therapy.
7. Operative management of blunt and penetrating thoraco-abdominal trauma.
8. Evaluation of the acute abdomen and other urgent and emergent general surgery conditions.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Multi-organ system trauma
2. Major extremity fractures
3. Isolated closed head trauma
4. Major arterial disruption
5. Massive soft tissue injuries
6. Foreign bodies
7. Acute abdomen
8. Thoracic Problems

INPATIENT: 90%
OUTPATIENT: 10%
CONSULTATION: 20%
PRIMARY CARE: 80%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Radiologists, Respiratory Therapists, Clinical Pharmacy

APPORXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3 – 4
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 25

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td><strong>AM</strong></td>
<td>6:00 Work Rounds</td>
<td>6:00 Work Rounds</td>
<td>6:00 Work Rounds</td>
<td>7:00 Basic Science</td>
<td>6:00 Work Rounds</td>
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<td></td>
<td>7:15 Operating Room</td>
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<td>7:00 Surgical Principles</td>
<td>8:00 Morbidity/Mortality</td>
<td>7:15 Operating Room</td>
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<tr>
<td><strong>PM</strong></td>
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<td>4:00 Attending Rounds</td>
<td>3:00 Work Rounds</td>
<td>12:00 Grand Rounds</td>
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<td></td>
<td>4:00 Breast/Colorectal Conference</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Night and weekend call with team member every third night. Will respond to E.R. for all Trauma Runs; will follow patients to X-ray, O.R., and SIC.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Advanced reading assignments and conference presentations are expected. On Call room, meal tickets, and operating room orientation will be provided. Students will participate in all educational activities of the surgical residency, including the Surgical Procedures Workshop, work rounds at 0700 on Saturday mornings, and the Basic Science Conference at 0800 every Saturday morning, September to December each year.
COURSE CHAIR: Howard Reber, M.D.  
PHONE #: (310) 825-4976

SUPPORTING FACULTY: Full-time attending surgeons on the Blue Surgical Service

STUDENT COORDINATOR: Rebecca Bernstein  
PHONE #: (310) 825-6643  
E-MAIL: rbernst@mednet.ucla.edu

REPORT TO: Externs report to Rebecca @ 7:30 a.m. in 72-229 CHS. UCLA students contact Rebecca one week before starting to find out who to contact.

PREREQUISITES: Medicine, Surgery

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS: 3,6,9,12,15,18,21,27,30,33,36,39,42,45,48

COURSE OBJECTIVES (in order of importance)
2. Management of the pre and post-operative care of patients having operations for gastrointestinal diseases.
3. Improved knowledge of sterile technique, assistance in the operating rooms, and care of postoperative incisions.
4. The fundamental techniques and interpretation of endoscopic procedures.
5. Knowledge of the role of the surgical gastroenterologist and the relationship of this specialty to medical gastroenterology.
6. Interpretation of x-rays, ultrasound, and CAT scan studies of gastrointestinal diseases.
7. The technical, psychological, and sociological management of patients with temporary and permanent intestinal stomas.
8. Knowledge of the principles and techniques of assessment of state of nutrition and the enteral and parenteral management of nutritional repletion.
9. Improved History and Physical examination.
10. Appreciation of the specialized care and treatment provided by the surgical gastroenterologist.

DESCRIPTION: This program is designed for the student interested in advanced study in Surgery, particularly a student planning a career in Surgery and, most specifically, any student wishing to apply to the General Surgery Residency Program. The student functions essentially as a subintern. Students will participate in Rounds, operating room responsibilities, teaching conferences, and special tutorials.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Acute & chronic cholecystitis
2. Inflammatory Bowel Disease
3. Liver tumor, bile ducts, pancreas & intest. tract
4. Benign diseases obstructing the biliary tree
5. Peptic ids. of esophagus, stomach and duodenum
6. Esophageal motor disorders
7. Abdominal and inguinal hernias
8. Morbid obesity

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 38

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>Rounds Operating Rooms</td>
<td>7:00 – 8:30 Professor's Rounds 9:00 – 3:00 Clinic</td>
<td>7:15 – 8:15 Department of Surgery Grand Rounds Operating Rooms</td>
<td>Rounds Operating Rooms</td>
<td>Rounds Operating Rooms 9:00 – 10:00 G.I. X-Ray Rounds</td>
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<tr>
<td>PM</td>
<td>Operating Rooms 5:00 – 6:00 General Surgery M&amp;M Conference</td>
<td>5:00 – 6:00 G.I. Surgery Conference</td>
<td>3:00 – 6:00 Rounds Operating Rooms</td>
<td>Operating Rooms</td>
<td>Patient Workup or Operating Rooms</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Variable, according to case load. Saturday, 8:00 a.m. General Surgery Education Conference (this used to be General Surgery Grand Rounds). Mon., 5:00 p.m. Morbidity and Mortality Conference (previously held Sat.).

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: UCLA nonsurgical residency applicants are welcome.
COURSE CHAIR: James Economou, M.D. (310) 825-2644

SUPPORTING FACULTY: Frederick Eilber, M.D., Mali Brooks, M.D., and Helena Chang, M.D.

STUDENT COORDINATOR: Rebecca Bernstein (310) 825-6643 E-MAIL: rbernste@mednet.ucla.edu

REPORT TO: Externs report to Rebecca @ 7:30 a.m. in 72-229 CHS. UCLA students contact Rebecca one week before starting to find out who to contact.

PREREQUISITES: Surgery, Medicine, Pediatrics, Ob/Gyn

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS: 3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION: This program is designed only for the student interested in advanced study in Surgery, particularly a student planning a career in Surgery and, most specifically, any student wishing to apply to the General Surgery Residency Program.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Melanoma
2. Sarcoma
3. Colon carcinoma
4. Breast Carcinoma
5. Benign breast disease
6. Gastric carcinoma
7. Thyroid carcinoma
8. Immunotherapy

INPATIENT: 90%
OUTPATIENT: 10%
CONSULTATION: 20%
PRIMARY CARE: 80%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 13

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 38

TYPICAL WEEKLY SCHEDULE

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<td>Surgery Grand Rounds</td>
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<td>Ward Rounds</td>
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<td>White Clinic Oncology Clinic Multidisciplinary Breast Center</td>
<td>Musculo-Skeletal Conference</td>
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<td>Multidisciplinary Breast Center</td>
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<td>4:00 Tumor Conference</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Varied according to case load. Mon., 5:00 p.m. Morbidity and Mortality Conference.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The student functions essentially as a subintern, participating in Rounds, operating room responsibilities, teaching conferences, and special tutorials.
SU450.01  GENERAL SURGERY (BLUE SERVICE)  

Subinternship/Inpatient  Location: CS  

COURSE CHAIR:  PHONE #:  
Alan T. Lefor, M.D., M.P.H.  (310) 423-5874  

SUPPORTING FACULTY:  
General Surgery Staff  

STUDENT COORDINATOR:  PHONE #:  
Chris Bice  (310) 423-5874  
E-MAIL: chris.bice@cshs.org  

REPORT TO:  
Chris Bice, Dept. of Surgery, Suite 8215, North Tower, 9:00 a.m.  

PREREQUISITES:  Medicine and Surgery  

AVAILABLE TO EXTERNS:  Yes  

STUDENTS / PERIOD:  max 2 min 1  

DURATION:  3 weeks  

2004–2005 ROTATIONS BEGIN WEEKS:  
3,6,9,12,15,18,21,27,30,33,36,39,42,45,48  

DESCRIPTION:  Students will be team members on a general surgical service with responsibilities and learning experiences closely approximating those of first year residents. The student will participate in elective and emergency surgery on those patients assigned to him.  

COURSE OBJECTIVES (in order of importance)  
1. Improve history and physical examination skills.  
2. Knowledge of congenital gastrointestinal anomalies.  
3. Ability to acquire relevant clinical data, analyze and synthesize data, and develop surgical judgment.  
4. Interpretation of x-rays, invasive diagnostic studies, and medical parameters.  
5. Technical skills, such as sigmoidoscopy, laparotomy wound closure, and intestinal intubation.  
7. Oral presentations at conferences and Rounds.  
8. Surgical record keeping and chart maintenance.  

STUDENT EXPERIENCES  
COMMON PROBLEMS/DISEASES  
1. Carcinoma of breast  
2. Anorectal disorders  
3. Carcinoma of thyroid  
4. Colon carcinoma  
5. Small bowel obstruction  
6. Inguinal hernia  
7. Appendicitis  
8. Laparoscopicoscopic surgery  

INPATIENT: 90%  
OUTPATIENT: 10%  
CONSULTATION: 10%  
PRIMARY CARE: 90%  
CLOSE CONTACT WITH:  
X FULL TIME FACULTY  
X CLINICAL FACULTY  
X FELLows  
X RESIDENTS  
X INTERNS  
X OTHER *  

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5  
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 50  

TYPICAL WEEKLY SCHEDULE  

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<td>Surgical Principles</td>
<td>Morbidity/Mortality</td>
<td>Clinic</td>
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<td>Chief Rounds</td>
<td>Work Rounds</td>
<td>Grand Rounds</td>
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<td>Colorectal/ Breast Conference*</td>
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<td>(*Alternate weeks)</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  On-call room and operating room orientation will be provided. Case presentations and advanced reading will be assigned. Students will participate in all educational activities of the surgical residency, including the Surgical Procedures Workshop, work rounds at 0700 on Saturday mornings, and the Basic Science Conference at 0800 every Saturday morning, September to December each year. *Other: Radiologists, Clinical Pharmacists, Respiratory Therapists
SU450.02  GENERAL SURGERY

Subinternship/Inpatient  LOCATION: HARBOR  2004–2005
Revised: 12/5/03

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Fred Bongard, M.D.  (310) 222-2768
1. Familiarity with the treatment and diagnosis of patients who have
general surgical diseases, particularly of the liver and biliary system, the pancreas, the gastrointestinal tract, breasts and vascular system.

SUPPORTING FACULTY:

STUDENT COORDINATOR:  PHONE #:  PHONE #:  scanlonpt@aol.com
Teresa Scanlon  (310) 222-2795

REPORT TO:
Dept. of Surgery, 3 East, Room 36, 8:30 a.m.

PREREQUISITES:  Surgery, Medicine

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 8 min 1

DURATION:  3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
3, 6, 9, 12, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION:
This elective will give the student the opportunity to participate, as a subintern, in the care of the general surgical patient. The student should choose between working two weeks on two of the services, which is preferred, (including vascular, colorectal, GI, oncology, and trauma-critical care) or four weeks on any one service, pending availability. You will function as a subintern, taking care of patients particularly assigned to you. In-house call one night in four, including weekends.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. The acute abdomen
2. Trauma victims
3. Critical care
4. Carcinoma colon & GI tract
5. Inflammatory bowel disease
6. Breast disease
7. Obstructive jaundice & other biliary problems

INPATIENT:  75%
OUTPATIENT:  25%
CONSULTATION:  25%
PRIMARY CARE:  75%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER 3rd year students

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  6
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  38

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>Ward Rounds</td>
<td>7:30 Trauma Didactic</td>
<td>7:30 Ward Rounds</td>
<td>7:30 Trauma Conference</td>
<td>7:30 Surgery Grand Rounds</td>
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<td></td>
<td></td>
<td>Conference</td>
<td>Mortality/Morbidity</td>
<td>Ward Rounds</td>
<td>Operating Room</td>
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<td>9:00 Breast Clinic</td>
<td>Conference</td>
<td>11:00 GI Conf.</td>
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<td>12:00 Breast Conf.</td>
<td>12:00 Tumor Board Clinics</td>
<td>1:00 GI Oncology Clinic</td>
<td>1:00 Trauma Clinic</td>
<td>Operating Room</td>
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<td></td>
<td>Operating Room</td>
<td>1:00 Breast Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  Call schedule: Every fourth night. Required conferences—Surgery Grand Rounds, 8:30 – 10:00 a.m., Saturday.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR:  PHONE #:  M. Michael Shabot, M.D. (310) 423-5873

SUPPORTING FACULTY:  General Surgery Staff

STUDENT COORDINATOR:  PHONE #:  Chris Bice (310) 423-5849  E-MAIL: chris.bice@cshs.org

REPORT TO:  Chris Bice, Dept. of Surgery, Suite 8215, North Tower, at 9:00 a.m.

PREREQUISITES:  Medicine and Surgery

AVAILABLE TO EXTERNALS:  Yes

STUDENTS / PERIOD:  max 2 min 1

DURATION:  3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:  3,6,9,12,15,18,21,27,30,33,36,39,42,45,48

DESCRIPTION:  The emphasis is on the care of critically ill and unstable patients from all surgical services. Activities are confined to the Surgical Intensive Care Units, although operating room participation is permitted. As an integral member of a house staff team supervised by a full-time faculty member, the student will function at the level of a first-year resident in the care of patients in two 10-bed surgical critical care units. All patients are surgical and include a wide computerized spectrum of acute surgical illness and injury. Students will be assigned a wide range of bedside procedures to perform with resident supervision. Students will also participate in all educational activities of the surgical residency, including the Basic Science Conference at 8:00 a.m. every Saturday morning, September to December each year.

STUDENT OBJECTIVES (in order of importance)
1. Knowledge of principles of surgical critical care physiology.
2. Management of deranged hemodynamics and severe respiratory abnormalities, including ARDS.
4. Interpretation of laboratory and blood gas data, x-rays, nuclear and CT scans.
5. Resuscitation of sepsis and all types of shock.
6. Critical care record keeping, including knowledge of a computerized critical care data management system.
7. Technical skills including S-G and A-line placement, intubation, closed thoracostomy, and percutaneous tracheostomy.
8. Use of vasoactive drugs.

COMMON PROBLEMS/DISEASES
1. Multisystem trauma
2. Major resectional procedures
3. Liver transplantation
4. Pulmonary resection
5. Vascular reconstruction
6. Post-operative organ failure
7. Hepatobiliary procedures
8. Intestinal obstruction

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER All ancillary service personnel

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  5

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  55

TYPICAL WEEKLY SCHEDULE

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<td>AM</td>
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<td></td>
<td>Surgical Principles Conference</td>
<td>Faculty Rounds</td>
<td>Faculty Rounds</td>
<td>Morbidity/ Mortality</td>
<td>Faculty Rounds</td>
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<td>7:30</td>
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<td>Traumatic Conference</td>
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<td>Faculty Rounds</td>
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<td></td>
<td>Faculty Rounds</td>
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<td>PM</td>
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<td>12:00</td>
<td>SICU Journal Club</td>
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<td>Team Rounds</td>
<td>4:00 Core Curriculum Conference</td>
<td>Surgical Grand Rounds</td>
<td>(4th Friday is also Performance Improvement Comm.)</td>
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<td>Team Rounds</td>
<td>Surgical Grand Rounds</td>
<td>Surgical Grand Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Night and weekend call with team member every fourth night.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
SUPPORTING FACULTY:
Liver Transplantation Faculty

STUDENT COORDINATOR:
Rebecca Bernstein  (310) 825-6643
E-MAIL: rbernste@mednet.ucla.edu

REPORT TO:  Externs report to Rebecca @ 7:30 a.m. in 72-229 CHS. UCLA students contact Rebecca one week before starting to find out who to contact.

AVAILABLE TO EXTERNS: Yes

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Chronic liver failure
2. Acute liver failure
3. Immunosuppressed patients
4. Multiorgan failure
5. Hepatic tumors
6. Portal hypertension
7. Biliary problems
8. Opportunistic infections

INPATIENT: 90%
OUTPATIENT: 10%
CONSULTATION: 0%
PRIMARY CARE: 100%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 19

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>7:00 – 8:00 Work Rounds</td>
<td>7:00 – 8:00 Work Rounds</td>
<td>7:00 – 8:00 Surgery Grand Rnds 8:00 – 9:00 Work Rounds</td>
<td>7:00 – 8:00 Work Rounds</td>
<td>7:00 – 8:00 Work Rounds</td>
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<td>10:00 Transplant Evaluation Clinic</td>
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<td>10:00 Post-Transplant Clinic 11:00 ICU Teaching Rounds</td>
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<td>PM</td>
<td>2:00 – 3:00 Teaching Rounds</td>
<td>2:00 – 3:00 Teaching Rounds</td>
<td>1:00 – 4:00 Liver Cancer Clinic</td>
<td>2:00 – 3:00 Teaching Rounds</td>
<td>2:00 – 3:00 Teaching Rounds</td>
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<td>5:00 General Surgery Morbidity/ Mortality</td>
<td>5:00 Educational Conference</td>
<td>5:00 Tumor Board (2nd &amp; 4th)</td>
<td>3:00 Patient Selection Committee</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On call every third night with resident. Available nights for liver transplants and harvests.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: