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

SUPPORTING FACULTY:  
Dr. Adeleh Esfandiari, Course Director

STUDENT COORDINATOR:  
Dr. A. Esfandiari, Course Director  
PHONE #: (323) 563-5986

REPORT TO:  
Dr. Esfandiari, Course Director, Hawkins Bldg., Room 3110

PREREQUISITES:  
Medicine or Pediatric Core Clerkship

AVAILABLE TO EXTERNS:  
No

STUDENTS / PERIOD:  
max 10 min 3

DURATION:  
2 weeks

2004–2005 ROTATIONS BEGIN WEEKS:  
By Arrangement for December 9–20 or March

COURSE OBJECTIVES (in order of importance)
1. Discussing the clinical symptoms, diagnosis, and treatment of the major diseases found in the tropics.
2. The microscopic identification of parasites pathogenic to man.
3. Discussing the life cycles and epidemiology of parasitic infections.
4. Issues affecting the health and health care of mothers and children.
5. Nutrition and its impact on health in the tropics.
6. Managing patients traveling to and returning from, the tropics.
7. The current research efforts and health projects within the field.
8. Tropical diseases and their impact on economic and agricultural development.
9. The traditional medicine system in developing countries.
10. Understanding the health care delivery systems in developing countries.
11. Discussing opportunities in international health training and careers.

DESCRIPTION: The course is intended to interest medical students in Tropical Medicine and international health. It's designed to broaden their didactic knowledge, clinical experience, research awareness, and laboratory competency in Tropical Medicine. In addition to clinical didactics, specific emphasis will focus on the unique social and economic problems of patient care in the tropics.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES  
INPATIENT:  N/A  
OUTPATIENT:  N/A  
CLOSE CONTACT WITH:  
X FULL TIME FACULTY  
X CLINICAL FACULTY  
FELLOWS  
RESIDENTS  
INTERNS  
OTHER

1. Malaria
2. Schistosomiasis
3. Intestinal parasites/Diarrheal disorders
4. Tropical dermatoses
5. Nutritional disorders
6. Health of pregnant & lactating women
7. Communicable childhood diseases
8. Delivery of health care in socially & economically deprived countries.

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>
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</thead>
</table>
| AM   | 8:30 – 9:30 Course Introduction | 8:30 – 10:30 Malaria Seminar | 8:30 – 10:30 Schistosomiasis Seminar | 8:30 – 10:30 Filariasis | 8:30 – 10:30 Child Survival Issues  
N = Nutrition Seminar  
D = Diarrheal Disorders |
|      | 9:30 – 10:00 Health Syst  
| PM   | 1:30 – 3:00 Traditional Health Practices  
3:15 – 4:30 Infrastructures and Health Care | 1:30 – 3:30 Laboratory Session Research | African Trypanosomiasis; Diagnostic Laboratory | 1:30 – 3:30 Laboratory Session  
A = Amebiasis  
J = Journal Review |
|      | 4:00 – 5:00 Journal Review | | 4:00 – 5:00 Journal Review | 4:00 – 5:00 Journal Review | 4:00 – 5:00 Leprosy and TB |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME205.01  CLINICAL IMMUNOLOGY—ALLERGY (CIA)

Advanced Clinical Clerkship  Location: CHS  2004–2005  12/12/03

COURSE CHAIR:  PHONE #:
Adrian Casillas, M.D.  (310) 825-3718

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis and management of disorders of immune regulation in humans.
2. Basic science foundation of immunopathophysiologic mechanisms.
3. How to structure an approach to a clinical problem.
4. Library research and interpretation of literature to address a research issue.

SUPPORTING FACULTY:
Andre E. Nel, M.D.  (310) 825-6620
Andrew Saxon, M.D.  (310) 206-8050
Marc Riedl  (310) 206-4345

STUDENT COORDINATOR:
Maricela Sandoval  (310) 825-3718
E-MAIL: MaricelaSandoval@mednet.ucla.edu

REPORT TO:
TBA, 52-175 CHS, 8:00 a.m.

PREREQUISITES: Medicine

AVAILABLE TO EXterns: Yes with pre-approval

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
By Arrangement

DESCRIPTION: Immunology is interfacing with all aspects of clinical medicine. This elective is designed to expose students to the broad array of issues that confront Clinical Immunology as this field interfaces with the rest of Clinical Medicine.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Asthma
2. Immune deficiency states
3. Allergic rhinitis
4. Allergic reactions
5. Autoimmune diseases

INPATIENT: 10%
OUTPATIENT: 90%
CONSULTATION: 60%
PRIMARY CARE: 40%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10

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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</thead>
<tbody>
<tr>
<td>AM</td>
<td>Research &amp; Consultation</td>
<td>8:00 Outpatient Clinic w/ Dr. Casillas</td>
<td>8:30 Grand Rounds</td>
<td>Consultation &amp; Research</td>
<td>8:00 – 12:00 Immunology and Allergy Outpatient w/ Dr. Saxon</td>
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<tr>
<td></td>
<td></td>
<td>9:30 Pediatric Immunology Outpatient</td>
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<tr>
<td>PM</td>
<td>1:00 Pediatric Immunology Clinic</td>
<td>Consultation/Library</td>
<td>1:00 Outpatient Clinic w/ Dr. Nel</td>
<td>Consultation &amp; Research</td>
<td>1:15 – 2:15 Combined CIA Rounds</td>
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<td>2:15 – 5:00 Consultation/Library</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This elective is best suited to students with a true desire to learn about immune aspects of human illness. It requires active participation and motivation by the student in that they are not spoon-fed or simply put through a routine didactic experience. The elective is primarily directed towards students interested in academic internal medicine.
COURSE OBJECTIVES (in order of importance)
1. Develop clinical competence and cost effective management in the ambulatory care of common, disabling allergic diseases, especially asthma, rhinitis, urticaria and angioedema for those interested in the primary care specialties.
2. Acquire the knowledge of the differential diagnosis of frequently seen allergic and immunologic disorders.
3. Review the pathophysiology of allergic diseases and the clinical correlation of fundamental immunology.
4. Develop familiarity with the pharmacology and treatment modalities utilized in this field: theophylline, corticosteroid, immunotherapy, etc.
5. Develop an understanding of the procedures used: rhinoscopy, nasal challenge, skin testing, etc.
6. Review the advances in clinical research in allergy.
7. Specifically, be comfortable with the recognition and management of anaphylaxis.
8. Familiarity with obtaining history and performing examinations as pertained to allergic and immunologic diseases.

DESCRIPTION: The purpose of this clerkship is to develop confidence and competence in the management of allergic diseases in an ambulatory care setting. This is to equip those interested in primary care to deal with frequently seen allergic diseases. There will be exposure to in-hospital allergy and immunology consultation as well.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Bronchial asthma
2. Allergic rhinitis
3. Drug reactions
4. Urticaria/Angioedema
5. Extrinsic Allergic Alveolitis
6. Chronic obstructive lung disease
7. Interstitial lung disease
8. Immune deficiency states

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 6
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 138

TYPICAL WEEKLY SCHEDULE

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<tr>
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<tbody>
<tr>
<td>AM</td>
<td>8:30 – 11:30 Allergy/Immunology Clinic WVA</td>
<td>8:30 – 11:00 Allergy Special Procedures WVA</td>
<td>8:30 – 11:00 Allergy Clinic WVA</td>
<td>8:30 – 11:30 Allergy/Immunology Clinic WVA</td>
<td>9:00 – 12:00 Allergy Clinic Immunotherapy WVA</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 4:00 Consultation and Inpatient Review</td>
<td>1:00 – 4:00 Asthma Research Clinic WVA</td>
<td>12:00 Medical Grand Rounds WVA Research</td>
<td>12:00 WVA Basic &amp; Clinical Conference Research</td>
<td>12:00 Medical Specialty Conf. WVA 1:30 – 2:30 Allergy Immunology Staff &amp; Resident Seminar WVA 3:00 – 4:00 Clinical Consults Reviewed WVA</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: During rotation, there will be no night call.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Students will perform as consultants in the diagnosis and treatment of patients with allergic disease. Specific disease states will include allergic an non-allergic asthma, nasal and ocular allergy, nasal polyposis, and drug reactions. Although the clerkship is clinical, pharmacologic, immunologic and physiologic principles in allergic disease will be stressed. The students will participate in clinics, conferences, rounds and other teaching activities.
COURSE OBJECTIVES (in order of importance)

1. Increase knowledge of the pathogenesis, natural history, orderly investigation, differential diagnosis and management of HIV-infection and its associated complications.
2. Develop a systematic diagnostic approach to the signs and symptoms in HIV-infected patients such as fever, cough, headache, or visual complaints.
3. Learn how to obtain a history from patients with common allergic diseases. Perform and interpret allergy skin testing and peak flow measurements.
4. Interpret & understand diagnostic lab tests for HIV & other immunodeficient states: HIV, ELISA, & western blot, quantitative immunoglobulins, T-lymphocyte subsets, & skin tests.
5. Develop understanding of the signs, symptoms, diagnosis & treatment of common opportunistic infections, i.e., PCP, Cryptococcal meningitis, Tuberculosis, CMV retinitis, & Toxoplasmosis.
6. Increase skills in ambulatory medicine by evaluating and treating patients with asthma and HIV infection at regularly scheduled clinic visits.
7. Recognize & treat a variety of dermatologic conditions seen commonly in HIV-infected patients.
8. Learn about side effects of & indications for a variety of antiretroviral and prophylactic (opportunistic infections) agents.

DESCRIPTION:
The Immunology/Allergy service at Harbor-UCLA Medical Center manages HIV-infected patients on a primary care outpatient basis and provides consultative assistance for hospitalized patients. The faculty members are well versed in the management of HIV-infection and its associated complications and are all very active in clinical research. Didactic sessions and journal clubs in HIV, immunology, allergy and infectious disease topics will be included in this elective. While performing consults on inpatients, students will be under the immediate supervision of the Clinical Immunology Fellow and the Consult Attending. They will be expected to present a new case at each attending round session and follow that patient while they are hospitalized.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Baseline evaluation of HIV patients
2. Pneumocystis carinii pneumonia
3. Cryptococcosis
4. Tuberculosis/Mycobacterium avium complex
5. Toxoplasmosis
6. Bacterial infections
7. Dermatologic conditions
8. Hematologic abnormalities
9. Asthma, Allergic rhinitis

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 9 – 13 (inpatient and outpatient)

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 63 – 88 (inpatient and outpatient)

TYPICAL WEEKLY SCHEDULE

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** The student would attend 3 outpatient clinic sessions and would be expected to see patients and then present to the clinic attending physician. Clinics are well organized with separate clinic charts which contain lab flowsheets, problem lists, and other pertinent information. Each patient is assigned to a nurse practitioner who is responsible for following up laboratory tests, etc., and ongoing case management.
ME205.04  OUTPATIENT ALLERGY PRACTICE

Advanced Clinical Clerkship  Location: ASSOC  2004–2005
11/24/03

COURSE CHAIR:  PHONE #:
Lawrence S. Mihalas, M.D., FAAAAI, FACAAI  (310)-820-1561

COURSE OBJECTIVES (in order of importance)
1. To familiarize the student with the clinical fundamentals of office-based allergy, asthma, and immunology.
2. To allow the student the opportunity to work side by side with physician, taking histories, having hands on experience with patients, and making decisions.
3. To develop new skills and techniques including:
   a) allergy skin testing
   b) Pulmonary physiology testing and interpretation
   c) Laboratory testing in the allergy/immunology field
   d) Treatment, administration of injections, allergy therapy

SUPPORTING FACULTY:

STUDENT COORDINATOR:  PHONE #:
Sharon Linkon  (310)-820-1561

REPORT TO:
11645 Wilshire Blvd., Suite 988, Los Angeles, CA 90025.

PREREQUISITES: 4th year students only

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 2 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
10, 12, 14, 16, 28, 30, 32, 34, 36, 38, 40, 42, 44

DESCRIPTION: Allergy and immunology play an integral role in the practitioner's office. The fundamentals of office-based practice will be presented in an intense way, allowing the student to develop new skills and promote decision-making, independence, and confidence.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Asthma
2. Allergic Rhinitis
3. Urticaria
4. Insect sting allergy
5. Food sensitivity
6. Occupational allergy
7. Anaphylaxis
8. Angio—edema

INPATIENT: 0%
OUTPATIENT: 100%
CONSULTATION: 50%
PRIMARY CARE: 50%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 15
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 50

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>9:00 – 12:00 General Allergy Consultations</td>
<td>9:00 – 12:00 General Allergy Consultations</td>
<td>9:00 – 12:00 Occupational Allergy Consultations</td>
<td>9:00 – 12:00 Occupational Allergy Consultations</td>
<td>9:00 – 11:00 Case Presentation/Disc.</td>
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<td>Noon Allergy Lecture 1:00 – 6:00 Allergy/Asthma Evaluation &amp; Treatment 5:30 – 6:15 Case Presentation/Disc.</td>
<td>Noon Allergy Lecture 1:00 – 6:00 Allergy/Asthma Evaluation &amp; Treatment 5:30 – 6:15 Case Presentation/Disc.</td>
<td>Noon Allergy Lecture 1:00 – 5:00 Allergy/Asthma Evaluation and Treatment</td>
<td>Noon Allergy Lecture 1:00 – 5:00 Allergy/Asthma Evaluation and Treatment</td>
<td>1:00 – 5:00 Allergy/Asthma Evaluation &amp; Treatment</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The elective is designed to provide a complete private practice experience. The experience will be intense and interesting.
# ME205.05  CLINICAL ALLERGY AND IMMUNOLOGY

**Advanced Clinical Clerkship**  
**Location:** ASSOC  
**2004–2005 12/1/03**

**COURSE CHAIR:**  
Kenneth T. Kim, M.D.  
PHONE #: (562) 997-7888

**SUPPORTING FACULTY:**

**STUDENT COORDINATOR:**  
Gilda Sanchez  
PHONE #: (562) 997-7888

**REPORT TO:** Dr. Kenneth Kim, 2600 Redondo Ave., Ste. 400  
Long Beach, CA 90806 at 8:00 a.m.

**PREREQUISITES:** Medicine, Pediatrics, or Family Medicine

**AVAILABLE TO EXTERNS:** Yes

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

**DURATION:** 2 or 3 weeks (3 weeks By Arrangement)

**2004–2005 ROTATIONS BEGIN WEEKS:**  
2,4,6,8,10,12,14,16,18,20,22,27,29,31,33,35,37,39,41,43,45,47,49

**DESCRIPTION:** This elective will take place at the Allergy, Asthma, and Respiratory Care Center in Long Beach. The student is given the opportunity to work-up patients by taking histories and physicals and then presenting the case to Dr. Kim. Highly motivated students can be given the opportunity to get involved in clinical research, data analysis, or even writing and presenting abstracts and original research.

### COURSE OBJECTIVES (in order of importance)

1. Develop clinical competence and cost-effective outpatient management of common allergic disorders, especially asthma, allergic rhinitis, urticaria, and food allergies.

2. Develop an understanding of procedures used: rhinolaryngoscopy, skin testing, pulmonary function testing, patch testing, bronchial challenges.

3. Understand how to work-up and manage allergic patients in an occupational setting.

4. Develop an understanding of clinical respiratory research from patient recruitment to study enrollment and completion.

### STUDENT EXPERIENCES

**COMMON PROBLEMS/DISEASES**

1. Asthma  
2. Allergic rhinitis  
3. Latex allergy  
4. Urticaria  
5. Insect sting allergy  
6. Occupational allergy  
7. Anaphylaxis  
8. Drug allergy

**INPATIENT:** 5%  
**OUTPATIENT:** 95%

**CONSULTATION:** 80%  
**PRIMARY CARE:** 20%

**CLOSE CONTACT WITH:**

- FULL TIME FACULTY  
- CLINICAL FACULTY  
- FELLOWS  
- RESIDENTS  
- INTERNS  
- OTHER

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT:** 18

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 75

### TYPICAL WEEKLY SCHEDULE

<table>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 – 12:00 Allergy Consults and Office Followups</td>
<td>9:00 – 12:00 Clinical Research and Review of Skin Testing</td>
<td>8:00 – 12:00 Challenge Procedures and Allergy Followups</td>
<td>9:00 – 12:00 Clinical Research and Review of PFTs and Rhinoscopy</td>
<td>8:00 – 12:00 Occupational Allergy Consults</td>
</tr>
<tr>
<td>PM</td>
<td>1:30 – 6:00 Occupational and Latex Allergy Consults Patch Testing</td>
<td>1:50 – 5:00 General Allergy and Asthma Consultations</td>
<td>1:30 – 5:00 Review of Interesting Cases or Literature Review</td>
<td>1:30 – 5:00 General Allergy and Asthma Consultations</td>
<td>1:30 – 5:00 General Allergy and Asthma Consultations</td>
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</tbody>
</table>

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** N/A

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**
ME207.01 INTEGRATIVE EAST-WEST MEDICINE

Advanced Clinical Clerkship
Location: CHS/S. MONICA
2004–2005 12/11/03

COURSE CHAIR: Ka Kit Hui, M.D.
PHONE #: (310) 828-9358

SUPPORTING FACULTY:
Jun-Liang Yu, L.Ac.; Jie-Jia Li, L.Ac.; Xiuling Ma, L.Ac.; Timothy Pan, M.D.; Bill Tu, M.D.; and Marc Brodsky, M.D.

STUDENT COORDINATOR: Kimberly Truhler
PHONE #: (310) 828-9358
E-MAIL: ktruhler@mednet.ucla.edu

REPORT TO: To be arranged. Check e-mail announcement.

PREREQUISITES: 3rd-year clerkships

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 16 min 10

DURATION: 2 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
35

DESCRIPTION: This two-week clinically-oriented course is designed for students who are interested in learning about traditional Chinese Medicine (TCM) and in incorporating this system of medicine into their practice and lifestyle. The focus will be on the modern concepts and applications of TCM as well as its practical synergistic integration with modern Western Medicine in clinical care. The case discussion format with demonstration and hands-on experience using patients and cases from the center clinic will be used throughout the course.

COURSE OBJECTIVES (in order of importance)
1. Illustrate the similarities and differences between TCM and modern Western Medicine, as well as their respective strengths and weaknesses in their approach to patient care.
2. Show how integration of the two systems of medicine can be utilized to improve patient care.
3. Have a basic understanding of the theory, diagnostic skills, treatment principles, and techniques used in TCM.
4. Appreciate the progress of modern research on TCM and Integrative East-West Medicine.
5. Learn 20 key acupuncture points as well as their application in the treatment of medical conditions commonly encountered in clinical practice.
6. Master the properties and effects of 20 commonly used herbs and ten herbal formulas, as well as their application in the treatment of common medical problems.
7. In-depth report or development of teaching cases on TCM or in Integrative East-West Medicine.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Fibromyalgia
2. Myofascial pain syndrome (head, back)
3. IBS
4. Chronic fatigue syndrome
5. Hypertension
6. Patients with polypharmacy
7. Women's health problems
8. Asthma/allergic rhinitis/sinusitis

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

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
RESIDENTS
X OTHER Staff acupuncturists & visiting professors

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 6 per 2 weeks
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 100

TYPICAL WEEK SCHEDULE

<table>
<thead>
<tr>
<th>Week</th>
<th>Monday</th>
<th>Tuesday</th>
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<tbody>
<tr>
<td>Week 1</td>
<td>Lectures and Demonstration</td>
<td>Lectures and Demonstration</td>
<td>Lectures and Demonstration</td>
<td>Lectures and Demonstration</td>
<td>Lectures and Demonstration</td>
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<tr>
<td>Week 2</td>
<td>Clinic</td>
<td>Clinic</td>
<td>Clinic or Self-Study</td>
<td>Clinic or Self-Study</td>
<td>Student Presentations</td>
</tr>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME210.01 CARDIOLOGY

Advanced Clinical Clerkship

Location: HARBOR

Revised: 6/15/2004

COURSE OBJECTIVES (in order of importance)

1. Improved evaluation of the cardiac patient, in terms of history taking, physical exam (especially auscultation ability).
2. Knowledge of the pathophysiology, natural history appropriate diagnostic workup, and therapeutic approach to valvular heart disease, ischemic heart disease, cardiomyopathies, and recurrent arrhythmias, both supraventricular and ventricular.
3. Knowledge of the pharmacology and clinical use of digoxin, beta blockers, ace inhibitors, calcium blockers, antiarrhythmic drugs and antihypertensive agents.
5. Firm comprehension of EKG interpretation.
6. Basic understanding of echocardiograms, heart catheterizations and exercise testing.
7. Oral presentations.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Acquired valvular heart disease
2. Congestive heart failure
3. Cardiomyopathies – Intracardiac hemoynamics
4. Pre-op evaluation of cardiac patient
5. Arrhythmias and Intracardiac studies
6. Ischemic heart disease, unstable angina, acute MI

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 5

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>9:00 – 9:30 ECG Reading</td>
<td>8:30 – 9:30 Medicine Grand Rounds</td>
<td>7:30 – 8:30 ECG Interpretation Conf., Alternate and Basic Hemo-Dynamics</td>
<td>7:30 – 9:00 Fellows Conference or Student presentation</td>
<td>9:00 – 9:30 ECG Reading</td>
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<td>9:30 – 11:00</td>
<td>10:00 – 12:00 Consults or Heart Station/Stress Test</td>
<td>9:00 – 9:30 ECG Reading</td>
<td>9:00 – 9:30 Fellows Conference or Student presentation</td>
<td>9:30 – 12:00 Consults or C-Team</td>
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<td>11:00 – 12:00 Echo – Dr. Buljubasic</td>
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<td>9:30 – 12:00 Consults or Cath Lab</td>
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</table>

| PM   | 12:00 – 1:00 Cardiology Grand Rounds | 12:00 – 1:00 Non-Invasive Diag. Conf. | 1:30 – 4:00 Rounds Consult Attending | 12:00 – 1:00 M&M | 1:30 – 4:00 Consult Attending Rounds |
|      | 1:30 – 4:00 Consults or C-Team OR observation | 1:30 – 4:00 Consult. Svc Attending Rds or Learning CTR Multimedia (Heart Station) | 4:30 – 6:00 Cath Conference | | |

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Mini Student Presentation. Students should dress professionally: men should wear ties; white coats preferred.
ME210.02 CARDIOLOGY

Advanced Clinical Clerkship  Location: OVH  2004–2005
Revised: 7/21/04

COURSE CHAIR:  PHONE #:
Robin Wachsner, M.D.  (818) 364-4287

SUPPORTING FACULTY:
Drs. Robin Wachsner, Sheba Meymandi, Adel El Bialy, Anne Ichiuji

STUDENT COORDINATOR:  PHONE #:
Mark DeVany  (818) 364-3205
E-MAIL: mdevany@dhs.co.la.ca.us

REPORT TO:
Mark DeVany, 14445 Olive View Dr., 2C-121 8:30 a.m.

PREREQUISITES:

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

DESCRIPTION: This cardiology clerkship at Olive View-UCLA Medical Center provides exposure to an extremely diverse patient population in both an inpatient and outpatient setting.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Coronary artery disease
2. Rheumatic heart disease
3. Arrhythmias
4. Congestive heart failure
5. Pulmonary heart disease
6. Cardiomyopathy
7. Pregnancy and Heart Disease
8. Preoperative eval. of patients w/ heart disease

INPATIENT: 70%
OUTPATIENT: 30%
CONSULTATION: 100%
PRIMARY CARE: 0%

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 – 15

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 69 – 75

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 – 12:00 Consults (OVMC)</td>
<td>8:00 – 12:00 Cardio Clinic (OVMC) (Outpatient)</td>
<td>8:00 – 12:00 Consults (OVMC)</td>
<td>8:00 – 12:00 Consults (OVMC)</td>
<td>8:00 – 9:00 Journal Club 9:00 – 12:00 Consults (OVMC)</td>
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<tr>
<td>PM</td>
<td>1:00 – 3:00 Attending Consult Rounds (OVMC)</td>
<td>1:00 – 2:00 Consults 2:00 – 5:00 Attending Consult Rounds (OVMC)</td>
<td>1:00 – 5:00 Attending Consult Rounds (OVMC)</td>
<td>12:00 – 1:00 Hemodynamic Conf. 1:00 – 4:00 Attending Consult Rnds (OVMC) 4:00 – 6:00 Cath Conf. (OVMC)</td>
<td>12:00 – 1:00 Journal Club 1:00 – 5:00 Attending Consult Rounds (OVMC)</td>
</tr>
</tbody>
</table>

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Oral presentations of clinical cases. (This is very much stressed).
COURSE CHAIR: Donald S. Chang, M.D., M.P.H.  
PHONE #: (310) 268-3643

SUPPORTING FACULTY:  
Drs. Bersohn, Ebrahimi, Feliciano, Mody, Rubin, Singh, Toggart and Warner

STUDENT COORDINATOR: Donald S. Chang, M.D., M.P.H.  
PHONE #: (310) 268-3643  
E-MAIL: donald.chang@med.va.gov

REPORT TO:  
West Los Angeles VAMC, Bldg. #500, 4 South, Room 4425.

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: This course is designed to expose the students to common inpatient and outpatient consultative questions in cardiology. Basic understanding of the indications of various tests will be obtained. Students are encouraged to observe and may participate in the performance or interpretation of exercise stress testing, echocardiography and nuclear cardiology under supervision. Increased proficiency in EKG interpretation will be obtained.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Coronary artery disease  
2. Cardiomyopathies  
3. Congestive heart failure  
4. Valvular heart disease  
5. Cardiac arrhythmias  
6. Pericardial disease  
7. Evaluation of chest pain  
8. Perioperative evaluation of cardiac patient

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 8

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Patient Evaluation Attending Rounds</td>
<td>Patient Evaluation</td>
<td>12:00 Medical Grand Rounds</td>
<td>Patient Evaluation EKG Interpretation</td>
<td>12:00 EKG/Echo/ Hemodynamic Conf.</td>
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<tr>
<td></td>
<td>12:00 Journal Club</td>
<td>Patient Evaluation</td>
<td>Patient Evaluation Attending Rounds</td>
<td>4:00 Med-Surgery Cath Conference (optional)</td>
<td>Cardiology New Patient Clinic</td>
</tr>
<tr>
<td></td>
<td>Patient Evaluation EKG Interpretation</td>
<td>2:00 Nuclear Cardiology Reading</td>
<td>12:00 Cardiology New Patient Clinic</td>
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<tr>
<td></td>
<td>2:00 Nuclear Cardiology Reading</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Daily interpretation of electrocardiograms with Cardiology Fellow is required so student can become comfortable with EKG interpretation by the end of the rotation. A Student Core Curriculum is usually scheduled if more than three students on Cardiology Cardiac Intensive Care and Consult rotations.
COURSE OBJECTIVES (in order of importance)
1. Ability to risk-stratify and evaluate patients with coronary artery disease
2. Knowledgeable in the evaluation and management of patients with congestive heart failure
3. To gain skills in physical diagnosis and be better able to diagnose and evaluate valvular heart disease
4. To be able to interpret common EKG findings
5. To become familiar with the techniques of cardiac stress testing and cardiac catheterization.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Coronary artery disease
2. Congestive heart failure/cardiomyopathies
3. Arrhythmias
4. Valvular heart disease
5. Pericarditis

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 6

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 Morning Report</td>
<td>8:00 Basic EKG Course</td>
<td>8:00 Morning Report</td>
<td>7:30 Cardiac Cath</td>
<td>8:00 Morning Report</td>
</tr>
<tr>
<td></td>
<td>9:30 Work Rounds</td>
<td>9:00 Morning Report</td>
<td>8:30 Radiology Conf.</td>
<td>8:30 Cardiac Surgeon Conf.</td>
<td>9:30 Work Rounds</td>
</tr>
<tr>
<td></td>
<td>11:00 Attending TeachingRounds</td>
<td>10:00 Work Rounds</td>
<td>9:30 Work Rounds</td>
<td>9:00 Medical Clinic</td>
<td>11:00 Attending TeachingRounds</td>
</tr>
<tr>
<td>PM</td>
<td>12:30 Noon Conf.</td>
<td>12:30 Noon Conf.</td>
<td>12:30 Noon Conf.</td>
<td>12:30 Noon Conf.</td>
<td>12:30 Noon Conf.</td>
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<tr>
<td></td>
<td>1:00 Didactic Teaching</td>
<td>1:00 Didactic Teaching</td>
<td>1:00 Didactic Teaching</td>
<td>1:00 Didactic Teaching</td>
<td>1:00 Didactic Teaching</td>
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<tr>
<td></td>
<td>1:30 New Admits</td>
<td>1:30 New Admits</td>
<td>1:30 New Admits</td>
<td>1:30 New Admits</td>
<td>1:30 New Admits</td>
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<tr>
<td></td>
<td>2:00 Patient Care</td>
<td>2:00 Patient Care</td>
<td>2:00 Patient Care</td>
<td>2:00 Patient Care</td>
<td>2:00 Patient Care</td>
</tr>
<tr>
<td></td>
<td>3:00 EKG Conf.</td>
<td>3:00 Self-Study.</td>
<td>4:00 Sign out Rds</td>
<td>3:00 EKG Conf.</td>
<td>3:00 EKG Conf.</td>
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<tr>
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<td>4:00 Sign out Rds</td>
<td>4:00 Sign out Rds</td>
<td>4:00 Sign out Rds</td>
<td>4:00 Sign out Rds</td>
<td>4:00 Sign out Rds</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: No required night call; weekend responsibilities vary.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: In addition, non-invasive cardiac testing (treadmill and other stress tests), reviews of echocardiograms, additional EKG teaching, and observation of cardiac catheterization or cardiac surgery are arranged as appropriate procedures and times are available.
COURSE OBJECTIVES (in order of importance)

1. Students will be able to accurately interpret 90% of EKGs performed at a Community Hospital.
2. Students will be able to define the indications and procedure for Stress testing and interpret the results.
3. Students will be able to assess the role of Echocardiography in diagnosis and management of heart disease.
4. Students will observe a minimum of five Swan-Ganz catheter insertions, two pacemaker insertions, and one coronary arteriography. They will be able to identify indications for each of them.
5. Students will acquire a concept of basic hemodynamics.
6. Students will be able to manage and consult on patients with common cardiac disorders.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Coronary heart disease
2. Hypertension
3. Vascular heart disease
4. Pre-surgical evaluation for non-cardiac surgery in cardiac pts.
5. Cardiomyopathy

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

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

Typical Weekly Schedule

AM

Hour Monday Tuesday Wednesday Thursday Friday
8:00 – 9:00 Work Rounds Work Rounds Work Rounds Work Rounds Work Rounds
9:00 – 11:00 Work Rounds Work Rounds Work Rounds Work Rounds Work Rounds
CCU CCU CCU CCU CCU
11:00 – 12:00 Stress Lab Stress Lab Stress Lab Stress Lab Stress Lab

PM

Hour Monday Tuesday Wednesday Thursday Friday
12:00 – 1:00 Lecture Consult Rds Consult Rds Consult Rds Consult Rds Consult Rds
1:30 – 2:00 Card. Clinic Card. Clinic Card. Clinic Card. Clinic Card. Clinic
2:00 – 3:00 Card Clinic Card Clinic Card Clinic Card Clinic
3:00 – 4:00 Card. Clinic/Consult Rds Card. Clinic/Consult Rds Card. Clinic/Consult Rds Card. Clinic/Consult Rds Card. Clinic/Consult Rds
4:00 – 5:00 Core Lecture Core Lecture Core Lecture Core Lecture Core Lecture

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Saturday CCU/Consultation Round 9:00 – 11:00 a.m. On call with CCU Resident/Intern every fourth night.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The emphasis of this clerkship is on one-to-one teaching of bedside cardiology. Students are encouraged to read their basic texts of cardiology before starting the clerkship.
ME210.06  CARDIOLOGY

Advanced Clinical Clerkship  Location: KAISER.SUN  2004–2005  12/9/03

COURSE CHAIR:  PHONE #:  
Michael B. Jorgensen, M.D.  (323) 783-4516

SUPPORTING FACULTY:  
M. Jorgensen, M.D., Cardiology Division

STUDENT COORDINATOR:  PHONE #:  
Steve Valencia  (323) 783-4516
E-MAIL: steve.m.valencia@kp.org

REPORT TO: Clerkship Coordinator, 4733 Sunset, 3rd Fl. Bldg. B, W. Mezz.at 8:30 a.m. Then report to CCU Team #3 at Hospital 5th Flr, North Wing.

PREREQUISITES:  Medicine and Surgery

AVAILABLE TO EXTERN:  Yes

STUDENTS / PERIOD:  max 2 min 1

DURATION:  3 weeks

2004–2005  ROTATIONS BEGIN WEEKS:  
3,6,9,13,15,18,21,27,30,33,36,39,42,45

DESCRIPTION:  During this clerkship the student will develop a comprehensive approach to the cardiac patient. He/she will participate in the care of acute cardiac illness and under direct supervision of staff cardiologists and fellows, will cooperate in evolving a management plan. Emphasis will be placed on clinical management and an efficient use of tests and facilities. Students will spend 90% of their time in the CCU in a consultative capacity.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Chest pain
2. Angina
3. Coronary Artery Disease
4. Myocardial Infarction
5. Congestive Heart Failure
6. Cardiac Dysrhythmias
7. Cardiomyopathy
8. Valvular Heart Disease

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 6

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>
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<tbody>
<tr>
<td>8:00</td>
<td>See New Patients</td>
<td>See New Patients</td>
<td>See New Patients</td>
<td>See New Patients</td>
<td>Cardiology Conf.</td>
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<tr>
<td>9:00</td>
<td>Attending Rounds</td>
<td>Attending Rounds</td>
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<tr>
<td>AM</td>
<td>Work Rounds/EKG</td>
<td>Work Rounds/EKG</td>
<td>Work Rounds/EKG</td>
<td>Work Rounds/EKG</td>
<td>Work Rounds/EKG</td>
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<tr>
<td>11:00</td>
<td>Cardiology Conf.</td>
<td>Echo Clinic Internal Medicine</td>
<td>Cardiology Conf. Treadmill Clinic</td>
<td>Patient Management Conference</td>
<td>Cardiology Surgical Conference</td>
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<tr>
<td>PM</td>
<td>Evaluate Old and New Patients</td>
<td>2:00 Education Conf. (Grand Rounds 3 Hrs.)</td>
<td>Evaluate Old and New Patients</td>
<td>Evaluate Old and New Patients</td>
<td>Evaluate Old and New Patients</td>
</tr>
<tr>
<td>5:00</td>
<td>Sign-Out Rounds</td>
<td>Sign-Out Rounds</td>
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<td>Sign-Out Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  Saturday morning Attending Rounds.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

COURSE OBJECTIVES (in order of importance)
1. Obtain proficiency in the history and physical examination of the cardiovascular system.
2. Enhance knowledge base in: a) ischemic heart disease; b) hypertensive heart disease; c) valvular heart disease; d) cardiomyopathies; e) pericardial and congenital heart disease.
3. Appreciation of the application of advanced cardiac technology including ECHO, Nuclear, Stress Testing, and Cardiac Catherization.
ME215.01 OUTPATIENT DERMATOLOGY

Advanced Clinical Clerkship Location: CHS 2004–2005 12/19/03

COURSE CHAIR:  PHONE #: COURSE OBJECTIVES (in order of importance)
Jennifer Haley, M.D. (310) 794-4836
1. To develop a working knowledge of the diagnosis and
management of the most common diseases of the skin.

SUPPORTING FACULTY:
Drs. Takahashi, Soriano, Ochoa, Chan, Kim and Lee.
2. To develop proficiency in the performance of a skin biopsy.

STUDENT COORDINATOR:  PHONE #: 3. To become familiar with minor surgical and diagnostic
Tapherine Mausteller (310) 825-5420 procedures pertaining to the skin.
E-MAIL: tmausteller@mednet.ucla.edu

REPORT TO:
200 Medical Plaza, Suite 450

AVAILABLE TO EXTERNALS:  Yes

PREREQUISITES:  None

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: Dermatology runs multiple outpatient clinics, offering students an outstanding opportunity for exposure to a large number of patients with skin diseases. Weekly Grand Rounds include a Clinical & Basic Sciences lecture series & patient presentations. Conferences include weekly clinical slide and Text Review, a monthly Journal Club, Dermatopathology, and inpatient teaching rounds. Dermatologic surgery, including Mohs Micrographic Surgery, is an integral part of the program. Students will be assigned to a resident for patient work-up, will attend conferences and receive assigned readings. This is a “hands-on” elective. The student is assigned to a dermatologist mentor and will work up patients and present to a mentor for management.

COMMON PROBLEMS/DISEASES
1. Psoriasis
2. Acne
3. Basal & Squamous cell carcinoma
4. Actinic Keratoses
5. Benign skin tumors
6. Eczematous dermatitis
7. Superficial fungus infections
8. Warts

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 10

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 375

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>8:30 – 12 Dermatology Clinic</td>
<td>8:00 – 10:00 Grand Rounds</td>
<td>9:00 – 12:00 Dermatology Clinic</td>
<td>8:30 – 12:00 Derm Clinic</td>
<td>8:30 – 10:00 Slide Review</td>
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<td>10:00 – 12:00 Dermatopathology Sign-Put</td>
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<td></td>
<td>10:00 – 12:00 Dermatopathology Sign-Put</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 4:30 Dermatology Clinic</td>
<td>12:00 – 1:00 Conf./Slide Review</td>
<td>1:00 – 5:00 Dermatology Clinic</td>
<td>1:30 – 5:00 Dermatology Clinic Surgery</td>
<td>1:30 – 5:00 Pediatric Dermatology Clinic</td>
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<td>1:30 – 5:00 Dermatology Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: RESEARCH ACTIVITIES: The Div. of Derm. is building a research program w/ the goal of understanding the role of immune responses in skin disease. Major interests include the role of T-cells and cytokines in infectious and neoplastic diseases of skin. Other interests include retinoid metabolism, cutaneous glutathione and phototoxicity, mechanisms of toxicity of dioxin. The Division operates a fully accredited training program leading to certification by the American Board of Dermatology.
ME215.04 DERMATOLOGY (CUTANEOUS MEDICINE)

Advanced Clinical Clerkship
Location: WVA

PHONE #: (310) 268-3153

COURSE CHAIR: William V.R. Shellow, M.D.

SUPPORTING FACULTY: William V.R. Shellow, M.D.

STUDENT COORDINATOR: Debbie Chambers (310) 268-3809
E-MAIL: debbie.chambers@med.va.gov

REPORT TO: WLA VAMC Bldg. 500, Rm 1675 at 1:00 p.m. every Monday

PREREQUISITES: Dermatology and Medicine

AVAILABLE TO EXTERNS: No

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

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

DESCRIPTION: The goal of this three-week elective is for the student to become more familiar with dermatologic diseases and their management by seeing a wide spectrum of skin disorders. Following an orientation period in which the student sees patients jointly with a dermatology physician, the student sees patients on his/her own.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Benign skin tumors
2. Malignant skin tumors
3. Viral/fungal/bacterial infections and Psoriasis
4. Seborrheic dermatitis
5. Contact dermatitis /eczematous dermatitis/neurodermatitis
6. Bullous disease
7. Acne and acne variants

INPATIENT: 0%
OUTPATIENT: 100%
CONSULTATION: 60%
PRIMARY CARE: 40%
CLOSE CONTACT WITH: X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 40

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 238

TYPICAL WEEKLY SCHEDULE

<table>
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<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 – 10:00 Grand Rounds 200 UCLA Med Plaza Derm Clinic Ste. 450 10:00 – 11:30 Lecture Series</td>
<td>9:00 UCLA Dermatology Clinic (optional)</td>
<td></td>
<td>8:30 – 12:00 Outpatient Clinic</td>
<td>1:00 – 4:30 Outpatient Clinic</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 4:30 Outpatient Clinic</td>
<td>1:00 – 4:30 Outpatient Clinic</td>
<td>1:00 – 4:30 Outpatient Clinic</td>
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<td>1:00 – 4:30 Outpatient Clinic</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR: A. Paul Kelly, M.D.  
PHONE #: (310) 668-4578  
E-MAIL: apkelly@cdrew.edu

SUPPORTING FACULTY:  
Drs. Marcia Glenn, Lori Hobbs, Carmen Parrot, Darlene Sampson, Vernon Wilson, and Chemene Quinn

STUDENT COORDINATOR:  
Ms. Aban Kapadia  
PHONE #: (310) 668-4578

DESCRIPTION: Students work primarily in clinics, though they will round twice a week on inpatients. Patient population is 40% African-American, 45% Latino/Mexican-American and 15% other.

STUDENT EXPERIENCES

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 10%</th>
<th>OUTPATIENT: 90%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Acne</td>
<td></td>
<td></td>
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<tr>
<td>2. Warts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Atopic Eczema</td>
<td></td>
<td></td>
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<tr>
<td>4. Disorders of pigmentation</td>
<td></td>
<td></td>
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<tr>
<td>5. Alopecia</td>
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<tr>
<td>6. Viral Exanthems</td>
<td></td>
<td></td>
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<tr>
<td>7. Fungus infections</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Collagen vascular diseases</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 25

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 200

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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</table>
| AM   | 8:00 – 9:00 Residents Conf.  
9:00 – 12:00 Adult Clinic (4I) | 8:15 – 10:00 UCLA Grand Rounds  
10:30 – 12:00 Pathology/Indianer (Encino) | 8:00 – 9:00 Residents Conference  
9:00 – 12:00 Adult Clinic (4I) | 8:00 – 9:00 Residents Conf.  
9:00 – 12:00 Surgery Clinic (4I) Moh’s Surgery 4th Thursday | 8:00 – 9:00 Clinical Slide Conference  
9:00 – 12:00 Adult Clinic (4I) |
| PM   | 12:00 – 12:30 In-house Rounds  
1:30 – 4:30 Pediatric Clinic (POP) | 1:30 – 4:30 Surgery Clinic (1st Tues. cosmetic surgery or at Harbor Clinic; minor surgery 3rd, 5th Tuesdays) (Laser 2nd and 4th Tuesdays) | 1:00 – 4:00 Adult Clinic and Vitiligo Clinic (4I)  
5:00 – 7:00 Derm Path – Dr. Chalet Wadsworth VA | 2:00 – 5:00 Research and Manuscript Preparation, and Journal Club | 1:00 – 2:00 Rounds  
2:00 – 5:00 3:30 Journal Club Harbor Clinic |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None (1 resident takes call via long-range beeper)

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE OBJECTIVES (in order of importance)
1. Diagnosis of skin cancer.
2. Instruction and approach to the management of cutaneous malignancies.
3. Proper instruction on tissue handling and movement for minor excisions. Included will be instrumentation. Opportunity to assist in minor surgeries.
4. Attend grand rounds/dermatologic surgery lectures.
5. Instruction on the management of small surgical defects by flaps, grafts, and granulation.
8. Approach to the diagnosis and management of benign skin conditions requiring surgery as a treatment.
9. Approach to the management of patient in pre-op and post-op status.
10. Approach to cosmetic dermatology and the topical care of skin to improve its health and appearance.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Basal cell carcinoma
2. Squamous cell carcinoma
3. Melanoma
4. Management of surgical defects
5. Clinical aspects of wound healing
6. Skin tumor biology
7. Histopathology of skin diseases
8. Aging

INPATIENT: 5%
OUTPATIENT: 95%
CONSULTATION: 40%
PRIMARY CARE: 60%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 150

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
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<tbody>
<tr>
<td>AM</td>
<td>7:00 – 12:00&lt;br&gt;Derm Surgery Clinic and MOHS Surgery</td>
<td>7:00 – 8:00&lt;br&gt;MOHS Surgery</td>
<td>7:00 – 12:00&lt;br&gt;MOHS Surgery/Laser Surgery</td>
<td>7:00 – 12:00&lt;br&gt;MOHS Surgery/Laser Surgery</td>
<td>7:00 – 11:00&lt;br&gt;Derm Surgery Clinic and MOHS Surgery</td>
</tr>
<tr>
<td></td>
<td>8:00 – 10:00&lt;br&gt;Grand Rounds</td>
<td>8:00 – 10:00&lt;br&gt;MOHS Surgery</td>
<td>8:00 – 10:00&lt;br&gt;MOHS Surgery</td>
<td>8:00 – 10:00&lt;br&gt;MOHS Surgery</td>
<td>8:00 – 10:00&lt;br&gt;MOHS Surgery</td>
</tr>
<tr>
<td></td>
<td>10:00 – 12:00&lt;br&gt;MOHS Surgery</td>
<td>10:00 – 12:00&lt;br&gt;MOHS Surgery</td>
<td>10:00 – 12:00&lt;br&gt;MOHS Surgery</td>
<td>10:00 – 12:00&lt;br&gt;MOHS Surgery</td>
<td>10:00 – 12:00&lt;br&gt;MOHS Surgery</td>
</tr>
<tr>
<td>PM</td>
<td>1:30 – 5:00&lt;br&gt;Derm Surgery Clinic</td>
<td>1:00 – 5:00&lt;br&gt;MOHS Surgery</td>
<td>1:00 – 5:00&lt;br&gt;(same as Thursday) and Laser Surgery</td>
<td>1:00 – 5:00&lt;br&gt;MOHS Surgery, Cosmetic Dermatology, Resident Surgery Clinic</td>
<td>1:00 – 5:00&lt;br&gt;Cosmetic Dermatology Clinic</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: *Other hours (Mon & Fri) will be arranged with Director.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Interest in clinical or laboratory research project required.
ME215.07  THE OFFICE PRACTICE OF DERMATOLOGY

Advanced Clinical Clerkship  Location: ASSOC  2004–2005  11/26/03

COURSE CHAIR:
Stuart L. Shear, M.D.  (213) 481-2982

COURSE OBJECTIVES (in order of importance)
1. Common sense medical judgment in evaluating and diagnosing dermatology patients.
2. Familiarity with benign and malignant skin tumors and their diagnosis and treatment (i.e., basal cell, squamous cell, melanoma, epidermal cysts).
3. Familiarity with laboratory diagnostics (woods lamp, Koh, Tzank Smears).
4. Learn to take a dermatology history and its importance in diagnosis.

SUPPORTING FACULTY:

STUDENT COORDINATOR:
Stuart L. Shear, M.D.  (213) 481-2982  (213) 481-2560

REPORT TO: 1245 Wilshire Blvd., #907, LA 90017-4809 at 9:30 a.m.

PREREQUISITES: None

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 2 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
By Arrangement

DESCRIPTION: The student will experience the office practice of dermatology and dermatopathology. She/He will assist in all procedures and office surgery and will actually perform certain procedures. The student will read dermatopathology slides with Dr. Shear, will present patients and learn concise descriptions of dermatologic lesions, give a differential diagnosis and become familiar with dermatologic therapeutics and laboratory diagnostics.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Acne
2. Rosacea
3. Seborrhea
4. Viral exanthems
5. Basal cell
6. Squamous cell
7. Melanoma
8. Epidermal cysts

INPATIENT: 10%
OUTPATIENT: 90%
CONSULTATION: 100%
PRIMARY CARE: 0%
CLOSE CONTACT WITH:
FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/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>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>9:30 – 12:00 Office Hours</td>
<td>9:30 – 12:00 Office Hours</td>
<td>9:30 – 12:00 Office Hours</td>
<td>9:30 – 12:00 Office Hours</td>
<td>9:30 – 12:00 Office Hours</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 – 1:30 Hospital Consults</td>
<td>12:00 – 1:30 Hospital Consults</td>
<td>12:00 – 1:30 Hospital Consults</td>
<td>12:00 – 1:30 Hospital Consults</td>
<td>12:00 – 1:30 Hospital Consults</td>
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<tr>
<td></td>
<td>1:30 – 6:00 Office Hours</td>
<td>1:30 – 5:00 Office Hours</td>
<td>1:30 – 5:00 Office Hours</td>
<td>1:30 – 6:00 Office Hours</td>
<td>Dermatology Computer Information CDs</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: 1.) Parking for $1.00 per day in Good Samaritan parking lot to be designated. 2.) Occasional meals are provided free, on other days can be purchased in hospital.
COURSE OBJECTIVES (in order of importance)
1. Ability to understand the disease process in patients by integration of clinical findings (history and physical) with laboratory tests.
2. Knowledge of the pathogenesis and pathophysiology of diseases of the pituitary, thyroid, parathyroid, adrenal, pancreas (endocrine), testes, and ovary.
3. An understanding of the function of the endocrine organs, metabolism of their hormones, and their effects on the body.
4. Ability to interpret the results of measurements of stimulation and suppression of the glands.
5. Familiarity with the use of insulin, thyroid hormones, corticosteroids, androgens, estrogens, vasopressin, and other agents.

DESCRIPTION: Students function as sub-interns in the inpatient consultation service as well as in the diabetes/endocrine clinics. The team consists of an endocrine attending and the student with or without an endocrine fellow. They also have an intensive experience with ambulatory endocrine cases. Attendance to endocrine conferences and rounds is mandatory.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Diabetes mellitus
2. Graves’ disease
3. Thyroid nodules & thyroid cancer
4. Hypothyroidism
5. Hypocalcemia & hypercalcemia
6. Adrenal disorders
7. Pituitary tumors
8. Hypogonadism and impotence
9. Hyperlipidemias

INPATIENT: 25%
OUTPATIENT: 75%
CONSULTATION: 100%
PRIMARY CARE: 0%
CLOSE CONTACT WITH: X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 5
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 75

TYPICAL WEEKLY SCHEDULE

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:30 – 12:00 Endocrine Clinic or Inpatient Workups</td>
<td>8:30 – 12:00 Endocrine Clinic or Inpatient Workups</td>
<td>8:30 – 9:30 Medical Grand Rounds</td>
<td>8:30 – 12:00 Endocrine Clinic or Inpatient Workups</td>
<td>8:30 – 12:00 Endocrine Clinic or Inpatient Workups</td>
</tr>
<tr>
<td>PM</td>
<td>1:30 – 4:00 Inpatient Attending Rounds</td>
<td>Free time</td>
<td>12:00 – 1:00 Interdepartmental Endocrine Conference or Attending Rounds</td>
<td>Thyroid Biopsies</td>
<td>1:30 – 4:00 Inpatient Attending Rounds or 4:00 – 5:00 Endocrine Clinical Conference</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME225.02  ENDOCRINOLOGY CONSULT SERVICE

Advanced Clinical Clerkship  Location: CS  2004–2005  12/9/03

COURSE CHAIR:  Anthony Heaney, M.D., Ph.D.  PHONE #: (310) 423-4774

SUPPORTING FACULTY:  Drs. Adams, Perfetti, Braunstein, Bush, Bonert, and Melmed

REPORT TO:  Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 a.m.

PREREQUISITES:  Medicine

ME225.02 ENDOCRINOLOGY CONSULT SERVICE  Advanced Clinical Clerkship Location: CS

COURSE CHAIR:  PHONE #:

Anthony Heaney, M.D., Ph.D.  (310) 423-4774

STUDENT COORDINATOR:  PHONE #:

Judy Jacobs  (310) 423-4658

E-MAIL:  judith.jacobs@cshs.org  FAX:  (310) 423-5200

AVAILABLE TO EXTERNS:  Yes

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Thyroid nodules  11. Infertility
2. Hypothyroidism  12. Hyperparathyroidism
3. Hypercalcemia  13. Hypoparathyroidism
5. Hyponatremia  15. Metabolic bone disease
7. Pituitary tumors  17. Cushings syndrome
8. Hypertension  18. Addisons disease
9. Diabetes
10. Amenorrhea

INPATIENT:  20%
OUTPATIENT:  80%
CLOSE CONTACT WITH:
X  FULL TIME FACULTY
X  CLINICAL FACULTY
X  FELLOWS
X  RESIDENTS
X  INTERNS
OTHER

CONSULTATION:  80%
PRIMARY CARE:  20%

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT:  4 – 5
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  20

TYPICAL WEEKLY SCHEDULE

<table>
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<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:30 – 10:30 Consultation and Follow-up</td>
<td>8:00 – 9:00 Endocrine Grand Rounds</td>
<td>9:00 – 12:00 Diabetes Outpatients Clinic (DOTEC)</td>
<td>8:00 – 9:00 Diabetes Lecture/Diabetes Journal Club</td>
<td>8:30 – 9:30 Medical Grand Rounds</td>
</tr>
<tr>
<td></td>
<td>10:30 – 12:00 Faculty Attending Rounds</td>
<td>9:00 – 12:00 Endocrine/Diabetes Clinic (CS) ACC</td>
<td></td>
<td>9:00 – 12:00 Diabetes Outpatient Clinic (DOTEC)</td>
<td>9:30 – 11:00 Faculty Attending Rounds</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 2:00 Consultations &amp; Follow-up Inservices</td>
<td>1:00 – 5:00 Harbor Endocrine Clinic</td>
<td></td>
<td>1:00 – 5:00 Diabetes Management Conference Diabetes Clinic (CS) Insulin Rounds with Fellow</td>
<td>12:00 – 1:00 Endocrine Research Seminar</td>
</tr>
</tbody>
</table>

TOTAL ACTIVITIES:  Consults and Rounding on In-house patients.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Students will have the opportunity to work in the diabetes basic science laboratory in the afternoons.
ME225.03 ENDOCRINOLOGY AND METABOLISM (MED)

Advanced Clinical Clerkship

Location: HARBOR

2004–2005

12/9/03

COURSE CHAIR: R. Swerdloff, M.D.  PHONE #: (310) 222-1867

SUPPORTING FACULTY: Drs. Brasel, Ipp, Gianoukakis, Lee, Mao, Salameh, Wang, and Smith

STUDENT COORDINATOR: Sally Avancena  PHONE #: (310) 222-2503  E-MAIL: avancena@gcrcc.rei.edu

REPORT TO: Clinical Fellow in Endocrinology (5th floor, GCRC Office) 9:00 a.m. on the first day.

PREREQUISITES: Completed Medicine and/or Pediatric Clinical clerkship

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS: By Arrangement

DESCRIPTION: Students function as sub-interns on the in-patient Endocrine consult service and in the out-patient Endocrine & Diabetes clinics. They function as members of a team consisting of one pediatric resident, 2–3 medicine residents, the Endocrine Clinical Fellow, and the Endocrine Faculty Attending. Students also attend the Endocrine Division Conferences and Seminars and Attending Rounds.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Diabetes mellitus
2. Reproductive problems
3. Hypothyroidism & hyperthyroidism
4. Thyroid nodule & cancer
5. Hypocalcemia & Hypercalcemia
6. Hypoglycemia
7. Obesity, R/O Cushing’s disease
8. Pituitary tumors

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 5 – 6

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 50 – 63

TYPICAL WEEKLY SCHEDULE

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<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:30</td>
<td>8:30</td>
<td>10:00</td>
<td>1:00</td>
<td>8:30</td>
</tr>
<tr>
<td></td>
<td>Pituitary or Thyroid Nodule Clinic</td>
<td>Medicine Grand Rounds</td>
<td>Review of Thyroid Biopsies or Nuclear Medicine Rounds</td>
<td>Chart Check</td>
<td>Diabetes &amp; Metabolism Clinic</td>
</tr>
<tr>
<td>PM</td>
<td>2:00</td>
<td>12:00</td>
<td>12:00</td>
<td>2:00</td>
<td>3:30</td>
</tr>
<tr>
<td></td>
<td>Attending Rounds</td>
<td>Basic Science Seminar Lecture Series</td>
<td>Endocrine Clinical Conference</td>
<td>Endocrine Clinic</td>
<td>Attending Rounds</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This elective provides an outstanding opportunity for the student to see a broad spectrum of endocrine disorders. The student participates in an organized program of conferences, outpatient clinics, subspecialty consultations, and attending rounds, supervised at all times by a senior endocrine fellow. The student also has significant contact with the full-time faculty.
COURSE OBJECTIVES (in order of importance)
1. Development of clinical skills for evaluation of out-patients with medical problems.
2. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis and management of diabetes mellitus, hyperthyroidism, hypothyroidism, pituitary tumors, hypercalcemia, and impotence.
3. Knowledge of the pharmacology of insulin, thyroxine, cortisol, sulfonylurea, testosterone, estrogen.
4. Interpretation of tests, e.g., T4, FT4, T3, TSH, cortisol, LH, FSH, testosterone, estradiol, prolactin, scans.
5. Medical record keeping (e.g., data collection and recording, appropriate format for writing consultations).
6. Oral presentations of clinical cases.
7. Library research and interpretation of literature.
8. Medical judgment, analysis of medical data, and synthesis of information.
9. Diagnosis and management of complex inpatient problems such as diabetic ketoacidosis, hyperglycemic non-ketotic coma, hypoglycemia, severe hyperthyroidism, hypercalcemia, and metabolic bone disease.
10. Accurate palpation of thyroid glands.

PREREQUISITES: Medicine
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 course emphasizes management of ambulatory patients. Students will evaluate in the Endocrine Clinic, the Diabetes Clinic and the Lipid Clinic, and review each patient with an attending. Students will function as members of the team of house staff on the in-patient endocrine consultation service. Students will learn about management of common endocrine problems through practical experience and clinical teaching.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Diabetes mellitus
2. Thyroid nodules
3. Hypothyroidism
4. Hyperthyroidism
5. Hypercalcemia
6. Hyperlipidemia
7. Metabolic bone disease
8. Pituitary disorders
INPATIENT: 30%
OUTPATIENT: 70%
CONSULTATION: 100%
PRIMARY CARE: 0%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
INTERNS
OTHER
APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 8
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 63
TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>AM</td>
<td>Hospital Rounds</td>
<td>Patient Workups</td>
<td>8:00 – 9:00 Practical Diabetes Conference</td>
<td>Lipid Clinic 1st and 3rd Thursday</td>
<td>8:00 – 9:00 Endocrine Grand Rounds</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>9:00 – 12:00 Diabetes Clinic</td>
<td>Gyn Endo Clinic 2nd Thursday</td>
<td>9:00 – 12:00 Endocrine Clinic</td>
</tr>
<tr>
<td>PM</td>
<td>1:30 Endocrine Consult Rounds</td>
<td>1:30 Endocrine Consult Rounds</td>
<td>12:00 – 1:00 Medical Grand Rounds</td>
<td>12:00 – 1:00 2nd Thursday Endocrine Research Conference</td>
<td>1:30 Endocrine Consult Rounds</td>
</tr>
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<td></td>
<td>Hospital Rounds</td>
<td>12:00 – 1:00 4th Thursday Journal Club</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:
ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Each student will evaluate 2-3 inpatient consults each week under the guidance of the Endocrine Fellow, and will present and discuss the cases on inpatient Attending Rounds. In the clinics, students will evaluate patients independently and discuss each patient with an attending physician.
Advanced Clinical Clerkship Location: CHS

COURSE CHAIR:    PHONE #:
David Heber, M.D., Ph.D.    (310) 206-1987
Zhaoping Li, M.D., Ph.D.

SUPPORTING FACULTY:
Kurt Hong, M.D.

STUDENT COORDINATOR:
Susan J. Bowerman, M.S., R.D.  PHONE #: (310) 206-3912
E-MAIL: sbowerma

REPORT TO: 200 Medical Plaza Suite 365—Per Schedule Below
Confirm with Susan Bowerman.

PREREQUISITES: Medicine, Surgery and Pediatrics

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
By Arrangement

DESCRIPTION: This course provides an intensive exposure to outpatient nutrition in an ambulatory setting, preparing students to integrate nutrition therapy into their clinical practice for the prevention and treatment of common chronic diseases, with emphasis on obesity. There is also experience with a multidisciplinary nutrition team in the University Obesity Center and didactic instruction with clinical fellows at the Center for Human Nutrition.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Obesity
2. Diabetes
3. Cancer
4. Hyperlipidemia
5. Gastrointestinal diseases
6. Hospital malnutrition
7. Renal disease
8. Eating disorders

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 15

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>Independent Study</td>
<td>11:00 Didactic Teaching Warren Hall Conference Room</td>
<td>Independent Study</td>
<td>8:30 Bariatric Surgery Clinic 200 Med Plaza Suite 365</td>
<td>Independent Study</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 Nutrition Medicine Clinic 200 Med Plaza Suite 365</td>
<td>1:00 Nutrition Medicine Clinic 200 Med Plaza Suite 365</td>
<td>1:00 University Obesity Center Clinic Warren Hall</td>
<td>1:00 Nutrition Medicine Clinic 200 Med Plaza Suite 365</td>
<td>12:00 – 2:00 Research Conf.— Warren Hall Saturday University Obesity Center Clinic (Warren Hall)</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Attendance at one Saturday morning University Obesity Center Clinic is required during the rotation.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Each student will be expected to prepare a short paper on a nutrition topic of their choice.
COURSE CHAIR:  Terri Getzug, M.D.  
PHONE #:  (310) 794-1700

SUPPORTING FACULTY:  
G.I. and Hepatology Faculty

STUDENT COORDINATOR:  Sandra Fuller  
PHONE #:  (310) 794-6326  
E-MAIL:  sfuller@mednet.ucla.edu

REPORT TO:  
200 UCLA Medical Plaza, Suite 365A at 8:00 a.m.  
(contact Sandra Fuller)

PREREQUISITES:  Medicine and Surgery

AVAILABLE TO EXTERNS:  Yes. 4 weeks available. * Outside students should all have 4-week option.

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 act as gastroenterology consultants in outpatient clinics and inpatient consult services just as medical residents; however, with closer supervision by Fellows and Attending Physicians. About 5–10 patients a week will be assigned for complete evaluation and presentation on GI Rounds to a Senior Attending Physician. Student will be expected to read extensively about cases assigned and participate in all other teaching activities of the Division of Digestive Diseases. Two weeks will be spent on the inpatient consultative service and two weeks in outpatient gastroenterology and hepatology clinics.

COURSE OBJECTIVES (in order of importance)

1. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis and management of diarrhea, inflammatory bowel disease, peptic ulcer disease, GI bleeding, functional bowel disease, and liver disease.

2. Clinical skills: medical interviewing and physical examination.

3. Medical decision making: analysis of medical data, and synthesis of information.

4. Medical record keeping (e.g., data collection and recording appropriate format for writing consultations).

5. Diagnosis and management of complex inpatient problems and both common and tertiary outpatient problems.


7. Oral presentations of clinical cases.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Inflammatory Bowel Disease  INPATIENT: 50%  
2. Diarrhea/Constipation  OUTPATIENT: 50%  
3. Peptic Ulcer Disease  CONSULTATION: 100%  
4. Liver Disease—Acute and Chronic  PRIMARY CARE: 0%  
5. Pancreatitis  OTHER

6. Neoplasia, gastric, colonic, pancreatic

7. GI Bleeding

8. Dysphagia and Esophagitis

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  
10

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

TYPICAL WEEKLY SCHEDULE—INPATIENT SERVICE

<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>GI Clinic</td>
<td>Patient Consultation and/or GI Procedures</td>
<td>Medical Grand Rnds and/or GI Procedures</td>
<td>Patient Consultation and/or GI Procedures</td>
<td>Basic Science Seminar (WVA)</td>
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<tr>
<td></td>
<td>GI Ward Rounds Liver Biopsy Conf.* (UCLA)</td>
<td>GI Ward Rounds</td>
<td>IBD/ Motility Conf. (UCLA)</td>
<td>GI Ward Rnds (UCLA)</td>
<td>Weekly GI Conference</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Med-Surg/ Liver Transplant Conference</td>
<td>GI Grand Rounds</td>
<td>GI Pathology Conference*</td>
<td>GI Ward Rounds</td>
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<tr>
<td>PM</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  Only the first year Fellows are on call with the Attending on second call. Residents and/or students are not on call.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Students will meet with a selected faculty member at least two times during the month for a discussion regarding techniques in gastrointestinal history taking and physical diagnosis. *Liver Biopsy and GI Pathology Conference not held during the summer. ** Held the third Thursday of the month except for July and August.
Advanced Clinical Clerkship  

**COURSE CHAIR:**  
Paul Martin, M.D.  
(310) 423-6056  

**SUPPORTING FACULTY:**  

**STUDENT COORDINATOR:**  
Judy Jacobs  
(310) 423-4658  
E-MAIL: judith jacobs@cshs.org  
FAX: (310) 423-5200  

**REPORT TO:**  
Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 a.m.  

**PREREQUISITES:** Medicine  

**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  

**DESCRIPTION:**  
Students will perform GI consultations, make recommendations, and follow patients in the outpatient clinic and the hospital, supervised closely by Medical Residents, GI Fellows, and voluntary full-time Attending Gastroenterologists. The students will participate in all of the teaching activities of the GI-Division.  

**STUDENT EXPERIENCES**  

**COMMON PROBLEMS/DISEASES**  
1. Inflammatory bowel disease  
2. Peptic ulcer/esophageal disease  
3. Functional bowel disease  
4. GI Bleeding/pancreatic disease  
5. Jaundice/hepatobiliary disease  
6. Diarrhea/abdominal pain  
7. GI malignancies  
8. Nutritional problems/GI motility  

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

**CLOSE CONTACT WITH:**  
X FULL TIME FACULTY  
X CLINICAL FACULTY  
X FELLOWS  
X RESIDENTS  
X INTERNS  
X OTHER Metabolic Support Team  

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 4  

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 10  

**TYPICAL WEEKLY SCHEDULE**  

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
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<tbody>
<tr>
<td><strong>AM</strong></td>
<td>8:30 – 12:00 Gi Outpatient Clinic</td>
<td>7:30 – 8:30 Liver Conference</td>
<td>8:30 – 12:00 Gi Rounds</td>
<td>8:30 – 9:30 Gi Conference (Path, Radiol, Clinical)</td>
<td>8:00 – 10:00 Fellows GI Core Curriculum (VA Wadsworth)</td>
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<td></td>
<td></td>
<td>8:30 – 10:30 Gi Rounds and GI Topics</td>
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<td>9:30 – 12:00 Gi Rounds and GI Topics</td>
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<td></td>
<td></td>
<td>10:30 – 12:00 MST Rounds</td>
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<tr>
<td><strong>PM</strong></td>
<td>12:00 – 1:00 GI Fellows Endoscopy</td>
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<td></td>
<td>12:30 – 3:30 GI Fellows Endoscopy</td>
<td>1:00 – 2:00 GI Voluntary Attending Rounds</td>
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<td></td>
<td></td>
<td>1:00 – 5:00 HEP Outpatient Clinic (if not in Continuity Clinic)</td>
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<td>12:30 – 1:30 IBP Conference</td>
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<td></td>
<td>1:00 – 5:00 Motility Outpatient Clinic</td>
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</table>

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None  

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**
COURSE CHAIR: Viktor Eysselein, M.D.  
PHONE #: (310) 222-2475

SUPPORTING FACULTY:  
Drs. Benedict Garrett and Eric R. Lee

STUDENT COORDINATOR: Diane Warpack  
PHONE #: (310) 222-2475

REPORT TO:  
Harbor-UCLA Medical Center, N21 at 8:30 a.m.

PREREQUISITES: Medicine

AVAILABLE TO EXTERNs: Yes

STUDENTS / PERIOD: max 3/mo

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)

1. Knowledge of the pathogenesis and pathophysiology of common GI diseases.

2. Practical experience in the orderly evaluation and problem orientation of hospitalized patients referred for GI consultation, responding to the consultation request.

3. Knowledge of the principles of management of common GI problems with practical application of physiologic principles in a patient-oriented setting and active participation in follow-up care.

4. Familiarity with the histopathology and radiologic abnormalities of GI diseases.

5. Familiarity with GI endoscopic procedures (sigmoidoscopy, biopsy, gastroscopy, ERCP, colonoscopy, polypectomy), endoscopic findings, and the indications for endoscopy.

6. Experience with critical literature review in gastroenterology.

DESCRIPTION:  
This course is an introduction to gastrointestinal and liver diseases. Students will perform consultations, discuss patients at rounds, have didactic sessions and will be able to observe GI disorders.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. GI bleeding  
2. Alcoholic liver disease  
3. Pancreatitis  
4. Hepatitis  
5. Peptic ulcer  
6. Inflammatory bowel disease  
7. Jaundice  
8. GI malignancy  
9. GI motility disorders

INPATIENT: 70%  
OUTPATIENT: 30%  
CONSULTATION: 80%  
PRIMARY CARE: 20%

CLOSE CONTACT WITH:

X FULL TIME FACULTY  
X CLINICAL FACULTY  
X FELLOWS  
X RESIDENTS  
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 4

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

TYPICAL WEEKLY SCHEDULE

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<th>Time</th>
<th>Monday</th>
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</thead>
</table>
| AM   | 8:00 – 12:00 GI Clinic  
1:00 – 4:00 IBD Pancreas/Biliary Clinic  
8:30 – 10:00 Medical Grand Rounds  
11:00 – 12:00 Medical (GI) Surgical Rounds  
8:00 – 9:00 Journal Club  
11:00 – 12:00 GI Review Course |
| PM   | 3:00 – 5:00 Consultation Rounds  
2:00 – 4:00 Consultations Rounds  
2:00 – 4:00 Clinical Attending Rounds  
12:00 – 1:00 M & M Conference  
3:30 – 4:30 GI/Pathology Conf.  
4:00 – 5:00 Consultative Rounds  
2:00 – 4:00 Consultation Rounds |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

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

1. To familiarize the students with the most common gastrointestinal problems and diseases.
2. To acquire knowledge of the basic pathophysiology and epidemiology of the G.I. diseases.
3. To expand their scope of knowledge and intellectual skills to perform an adequate history and physical examination on those diseases.
4. To master basic clinical approach, differential diagnosis, working plan and management, writing a precise and clear consultation.
5. To learn the significance and timing of pertinent lab tests and values, interpretation of radiological procedures, and first line of treatment.
6. To stress prevention, prophylaxis, screening, and health promotion.
7. To expose students to newer and sophisticated equipment relative to clinical services and research studies.
8. Develop good progress notes and medical record keeping skills.

DESCRIPTION: This is a consultation services clinical rotation for 3rd and 4th year medical students. The student will be exposed to a wide variety of G.I. disorders and will be expected to see up to five patients per week, to do the proper workup, and discuss each case with the related G.I. faculty.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. G.I. Bleeding & peptic ulcer disease
2. Acute abdominal pain & jaundice
3. Alcoholic liver disease/cirrhosis
4. Pancreatitis
5. Viral hepatitis
6. Diarrhea & AIDS
7. Inflammatory bowel disease
8. G.I. Malignancies

INPATIENT: 50%  OUTPATIENT: 50%  CONSULTATION: 100%  PRIMARY CARE: 0%

CLOSE CONTACT WITH:

X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER G.I. Techs & G.I. Nurses

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5 – 6
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 125 – 150

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
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<tbody>
<tr>
<td>PM</td>
<td>Medical Lecture ***Journal Club **Endoscopy Conference or Video Presentation ***G.I. Physiol.or Res.</td>
<td>In-Service Rancho Los Amigos Hospital Conferences or Flex. Sigmoidoscopy Training Endoscopy Review</td>
<td>Medical Lecture Fellow/Resident Topic Rev. **G.I. Faculty Lecture ***G. I. Pathology Conf. ***Board Review</td>
<td>Tumor Board Gastroenterology Ambulatory Clinic</td>
<td>Medical Lecture Gastroenterology Ambulatory Clinic</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Not required.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Full-time board certified G.I. Faculty are assigned to services on monthly basis. They supervise, guide, and teach students. Each student is required to review at least one broad topic & give a presentation during the rotation; also one journal club discussion. Students are encouraged to attend all lectures, particularly those given by the G.I. Faculty, also research activities of the division. Free meals provided during the rotation. ** Every 2 weeks/*** Once a month.
COURSE CHAIR: Ronald Koretz, M.D.  
PHONE #: (818) 364-3205

SUPPORTING FACULTY: Drs. S. Dea and F. Leung

STUDENT COORDINATOR: Mark DeVany  
PHONE #: (818) 364-3205  
E-MAIL: mdevany@dhs.co.la.ca.us

REPORT TO: OVMC, Room 2B-182, 14445 Olive View Dr., Sylmar, CA 91342 (8:00 a.m.)

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS: By Arrangement

DESCRIPTION: The intent of this course is to provide the student with an overview of the clinical problems and decisions encountered by gastroenterologists in day-to-day practice.

COURSE OBJECTIVES (in order of importance)
1. In-depth knowledge of the commonly encountered gastrointestinal diseases: peptic ulcer disease, hepatitis, cirrhosis, pancreatitis, inflammatory bowel disease.
2. Develop critical thinking skills using diagnostic and therapeutic decision-making activities.
3. Improvement of the doctor-patient relationship using functional bowel disease as a model.
4. Learning the indications, limitations, and complications of the various gastrointestinal procedures (endoscopy, liver biopsy).
5. Learning how to do library research and literature interpretation (vehicle: review of specific articles for journal club).

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Peptic ulcer disease
2. Gastrointestinal bleeding
3. Cirrhosis
4. Functional bowel disease
5. Pancreatitis
6. Jaundice
7. GI cancer
8. Hepatitis

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 8 – 10

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 38 – 50

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The student will be consulted in an attempt to tailor this experience as much as possible to his or her individual needs. The above description is what has been usually requested.
**ME240.01 HEMATOLOGY/ONCOLOGY**

**Advanced Clinical Clerkship**

**Location:** CS

**COURSE CHAIR:** Stephen Lim, M.D.  
**PHONE #:** (310) 423-2716

**SUPPORTING FACULTY:**  
Drs. Michael Lill and Stephen Lee

**STUDENT COORDINATOR:** Judy Jacobs  
**PHONE #:** (310) 423-4658  
**E-MAIL:** judith.jacobs@cshs.org  
**FAX:** (310) 423-5200

**REPORT TO:** Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 a.m.

**PREREQUISITES:** Medicine

**AVAILABLE TO EXTERNS:** Yes

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

**DURATION:** 3 weeks

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

**DESCRIPTION:** Designed for fourth-year students with an interest in Hematology/Oncology.

---

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Myeloproliferative disorders
2. Infection in compromised host
3. Bleeding patient with coagulopathy
4. Hemolytic anemia
5. Non-Hodgkin’s lymphoma
6. Breast cancer
7. Lung cancer
8. Acute leukemia
9. D.I.C.

**INPATIENT:** 50%

**OUTPATIENT:** 50%

**CONSULTATION:** 100%

**PRIMARY CARE:** 0%

**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:** 3

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 10

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**TYPICAL WEEKLY SCHEDULE**

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<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 Work Rounds on Wards</td>
<td>8:00 – 9:00 Hem./Onc. Grand Rounds</td>
<td>8:00 Work Rounds</td>
<td>8:00 Work Rounds</td>
<td>8:00 Work Rounds</td>
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<td></td>
<td>9:00 Clinic</td>
<td>10:30 Attending Rounds 4-SW</td>
<td>9:30 Morph/Clin Path</td>
<td>10:00 Attending Rounds</td>
<td>8:30 – 9:30 Grand Rounds</td>
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<td></td>
<td>10:30 Walk Rounds 4-SW</td>
<td>11:00 Hospice Rounds</td>
<td>9:30 – 12:30 Clinic</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 Noon Conference</td>
<td>12:00 Multidisciplinary Cancer Conference</td>
<td>12:00 Tumor Board</td>
<td>12:00 Noon Conference</td>
<td>12:00 Noon Conference</td>
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<td>2:00 – 3:00 Hem./Onc. Lectures</td>
<td>2:00 – 3:00 Hem./Onc. Lectures</td>
<td>2:00 – 3:00 Hem./Onc. Lectures</td>
<td>2:00 – 3:00 Hem./Onc. Lectures</td>
<td>2:00 – 3:00 Hem./Onc. Lectures</td>
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**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

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

1. Diagnosis and management of oncologic and hematologic disorders, infection in the compromised host, the bleeding patient, psycho-social aspects of the cancer patient and family.
2. Understanding of the pathologic processes involved in anemias, thrombocytopenias, platelet dysfunctions, coagulopathies, myeloproliferative syndromes.
3. Diagnosis and treatment of hematologic malignancies.
4. Diagnosis and treatment of a variety of solid tumors.
5. Interpretation of peripheral blood smears, bone marrows, coagulation tests.
7. Learning how to make succinct and comprehensive oral presentations.
8. Improving the doctor/patient relationship.
9. Learning interpretation of the literature and principles of library research and analysis of medical data.
**ME240.02 HEMATOLOGY/ONCOLOGY**

**Advanced Clinical Clerkship**  
**Location:** CHS

**COURSE CHAIR:**  
Gary J. Schiller, M.D.  
PHONE #: (310) 825-5513

**SUPPORTING FACULTY:**  
Dr. Dennis Slamon and faculty

**STUDENT COORDINATOR:**  
Megan Gardner  
PHONE #: (310) 206-5755  
E-MAIL: megangardner@mednet.ucla.edu

**REPORT TO:**  
Gary J. Schiller, M.D. 8:00 a.m. 42-121 CHS

**PREREQUISITES:**  
3rd-year Medicine, 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 elective will consist of a 7 days Inpatient Consult and 8 days of Inpatient Clinical bone marrow transplant. This service will consist of general training in adult Hematology-Oncology as it applies to the workup of disorders of coagulation, cytopenias, bone marrow disorders, and oncologic problems for which consultative support is requested.

**STUDENT EXPERIENCES**

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 60%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lymphomas</td>
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<td>X FULL TIME FACULTY</td>
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<tr>
<td>Leukemias</td>
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<td>X CLINICAL FACULTY</td>
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<tr>
<td>Anemias of chronic disease</td>
<td></td>
<td>X RESIDENTS</td>
</tr>
<tr>
<td>Bleeding disorders, platelet disorders &amp; DTC</td>
<td>100%</td>
<td>X INTERNS</td>
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<tr>
<td>Hemoglobinopathies</td>
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<td>OTHER</td>
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<tr>
<td>Multiple myeloma</td>
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<tr>
<td>Myeloproliferative disorders</td>
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<td>Neoplastic Disease</td>
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**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:**  
3

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:**  
15

**TYPICAL WEEKLY SCHEDULE**

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<tbody>
<tr>
<td>Inpt. BMT (2 Weeks)</td>
<td>8:30 BMT Conference 10:00 BMT Rounds</td>
<td>Hematology Journal Club</td>
<td>Medical Grand Rds. Hem-Onc Grand Rds</td>
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<tr>
<td>Inpt. Cons. Service (2 weeks) PM</td>
<td></td>
<td>Myeloma Clinic Consults</td>
<td>Leukemia Clinic Consults</td>
<td>Consults</td>
<td>Fellows Clinic Conference Hematology Clinic</td>
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<tr>
<td>Inpt. BMT (2 Weeks)</td>
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<td>Inpatient Care</td>
<td>Inpatient Care</td>
<td>Leukemia Clinic Consults</td>
<td>Inpatient Care</td>
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<td></td>
<td>Consultants</td>
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<td>Leukemia Clinic Consults</td>
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**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**  
After an appropriate review of the literature, the patient and the disorder will be discussed with senior trainees and faculty. In addition, the students will participate in the major clinical conferences of the Division of Hematology-Oncology, and they will spend three hours each week in a supervised review of the peripheral blood and bone marrow morphology.
ME240.03  HEMATOLOGY/MEDICAL ONCOLOGY

Advanced Clinical Clerkship  Location: HARBOR  2004–2005
Revised: 6/28/04

COURSE CHAIR:  PHONE #:  Maria Dungo, M.D.  (310) 222-2217

SUPPORTING FACULTY:  K.R. Tanaka, M.D., J.B. Block, M.D., R.T. Chlebowski, M.D., Ph.D., H. Yang, M.D.

STUDENT COORDINATOR:  PHONE #:  Valerie Cooray  (310) 222-2217
E-MAIL: vcooray@rei.edu

REPORT TO:  Yutaka Nihara, M.D., Dept. H. Harbor-UCLA Research & Education Institute, Bldg. C-1, Room 12, 9:00 a.m.

PREREQUISITES:  Medicine

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

COURSE OBJECTIVES (in order of importance)
1. Increase knowledge of the pathogenesis, natural history, orderly investigation, differential diagnosis, and management of the commonly seen hematologic and oncologic disorders. These include anemia, thrombocytopenia and hemorrhagic disorders, breast, lung and colon cancer, elevated hematocrit, and leukemia and other hematologic malignancies.
2. Interpretation of tests such as CBC, red cell indices, differential cell counts, protime, PTT, bleeding time, etc.
3. Peripheral blood smear interpretation.
4. Improve medical decision making: analysis of medical data and synthesis of information.
5. Medical record keeping (e.g., data collection and recording, appropriate format for writing consultations).
6. Increase the student’s confidence and ability to give oral presentations.
7. Increase awareness of the basic science principles behind clinical disease.
8. Practical, cost effective assessment and management of common hematologic and oncologic disorders.
9. Library research and interpretation of hematologic and oncologic literature.

DESCRIPTION:  The Hematology/Medical Oncology Service at Harbor-UCLA Medical Center is a consultative service for the entire hospital, except Pediatrics. A large variety of hematologic and oncologic disorders are seen. Emphasis is placed on clinical evaluation of hematologic and oncologic disorders and various teaching aids such as slide sets and self-assessment examinations are available. While on the Hematology/Medical Oncology Service, students will be under the immediate supervision of the Clinical Hematology/Medical Oncology Fellow. Students will present cases at Team Rounds and Hematology Grand Rounds, participate in the Hematology and the Medical Oncology Clinics, and weekly Hematology Seminar.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Iron deficiency anemia
2. Thrombocytopenias
3. Sickle cell disorders & thalassemia
4. Anemia of chronic diseases
5. Acquired coagulopathy
6. Leukemias and lymphomas
7. Cancer of breast, lung, and colon
8. Elevated hematocrit

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  5

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  30

TYPICAL WEEKLY SCHEDULE

<table>
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<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00 – 12:00 Ward Consults</td>
<td>8:30 – 12:00 Medical Grand Rounds</td>
<td>7:30 – 8:15 Heme Seminar</td>
<td>8:00 – 9:00 BM Review</td>
<td>8:00 – 12:00 Oncology Clinic</td>
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<td></td>
<td>8:30 – 9:30 Chief’s Rounds</td>
<td>10:00 – 12:00 Bone Marrow Clinic Oncology Clinic</td>
<td>8:15 – 12:00 Hematology Clinic</td>
<td>9:00 – 10:00 Oncology Seminar</td>
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<td></td>
<td>10:30 – 11:30 Heme Slides</td>
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<td>10:00 – 12:00 Oncology/Hematology Rounds</td>
<td>10:00 – 12:00 Oncology/Hematology Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 – 1:00 Medical Lecture Series</td>
<td>12:30 – 1:30 Breast TumorBoard</td>
<td>1:00 Ward Consults</td>
<td>12:00 – 1:00 Morbidity &amp; Mortality Conference</td>
<td>1:30 – 3:00 Oncology/Hematology Rounds</td>
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<tr>
<td></td>
<td>1:00 – 5:00 Ward Consults</td>
<td>2:00 – 4:00 Oncology/Hematology Rounds</td>
<td>3:00 – 5:00 Hematology Teaching Rounds</td>
<td>1:30 – 3:00 Morbidity &amp; Mortality Conference</td>
<td>3:00 – 5:00 Ward Consults</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  There is no night duty.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  They are also expected to attend Medical Grand Rounds, the Internal Medicine Lecture Series, and Morbidity and Mortality Conference.
ME240.05 CLINICAL HEMATOLOGY-ONCOLOGY

Advanced Clinical Clerkship  Location: OVH  2004–2005
Revised: 7/21/04

COURSE CHAIR:  PHONE #:
Nancy Feldman, M.D.  (818) 364-3205

SUPPORTING FACULTY:
Drs. Nancy Feldman, Lauren Pinter-Brown, Leland Powell

STUDENT COORDINATOR:  PHONE #:  E-MAIL:
Mark DeVany  (818) 364-3205  mdevany@dhs.co.la.ca.us

REPORT TO:  OVMC, Room 2B-182, 14445 Olive View Dr.,
Sylmar, CA 91342 (8:00 a.m.)

PREREQUISITES:  Medicine, Surgery, OB-GYN, Pediatrics, and Psychiatry

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 – 4 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)
1. Knowledge of the natural history, clinical and diagnostic
evaluation of common hematologic and neoplastic disorders,
e.g., anemia, leukemia, ITP, breast cancer, colon cancer,
lung cancer, prostate cancer, lymphomas.
2. Knowledge of the etiology and pathogenesis of malignant
transformation.
3. Improved ability to evaluate peripheral blood smears and
bone marrows.
4. Improved history and physical examination.
5. Medical judgment, analysis of medical data, and synthesis of
information.
6. Interpretation of biopsy materials, radiographic studies, and
other staging procedures.
7. Medical record keeping, e.g., data collection and recording,
flow sheets, review of past records, appropriate format for
out-patient records, and in-patient consultations.
8. Knowledge of commonly used chemotherapeutic agents and
their toxicities.
9. Psychosocial problems and their management, including pain
management and hospice care.
10. Focused literature research and faculty tutorial on single topic
selected by student(s).
11. Diagnosis and management of common oncologic
emergencies, e.g., neutropenic sepsis, hypercalcemia, cord
compression syndrome.

DESCRIPTION: The student will participate on the Hematology/Oncology consult service at primarily OVMC. This will include the work-up and evaluation of inpatients as well as extensive participation in the management of outpatients with cancer and blood disorders. Teaching sessions with Attendings will occur in both settings, as well as through weekly conferences and lectures.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Lymphoma
2. Anemia
3. Leukemia
4. CA of the GI tract
5. CA of the lung
6. Myeloma
7. Breast CA
8. Polycythemia

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

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

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

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 30

TYPICAL WEEKLY SCHEDULE

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<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>Work Rounds Consultations Clinic—SVAMC</td>
<td>8:00 – 10:00 Conference and Core Lecture Series Journal Club (q.Month)</td>
<td>8:00 Oncology Clinic at OVMC</td>
<td>8:30 Hematology/Oncology Clinic—SVAMC</td>
<td>Consultations Procedures Hematopathology Rounds</td>
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<tr>
<td>PM</td>
<td>1:00 Hematology Clinic at OVMC</td>
<td>Rounds Consultations</td>
<td>Clinic OVMC Work Rounds Consultations No Overnight Call</td>
<td>1:15 Tumor Board at OVMC (weekly)</td>
<td>Work Rounds Consultations</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME245.01 INFECTIOUS DISEASES

Advanced Clinical Clerkship Location: CHS

COURSE CHAIR: Bernard M. Kubak, M.D., Ph.D, Director (310) 825-7225


STUDENT COORDINATOR: Nansi Tadros (310) 825-7225 E-MAIL: ntadros@mednet.ucla.edu

REPORT TO: Janette Weisberg, 8 a.m., Call one week in advance or e-mail jweisberg@mednet.ucla.edu or ntadros@mednet.ucla.edu

PREREQUISITES: Medicine, Surgery, Pediatrics, and Ob/Gyn

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks (2 weeks By Arrangement)

2004–2005 ROTATIONS BEGIN WEEKS:

By Arrangement

DESCRIPTION: This course serves as a practical approach to diagnosis, workup, and treatment of common and uncommon problems due to infection. Emphasis is placed on clinical observation, interpretation, and decision making.

COURSE OBJECTIVES (in order of importance)

1. Knowledge of bacteremia, antibiotic sensitivity testing, opportunistic infection, Tuberculosis and Coccidiomycosis.
2. Knowledge of Beta lactam antibiotics, aminoglycosides antibiotics, antifungal agents, broad spectrum antibiotics, and antiviral compounds.
3. Improve medical judgment, methods of data analysis, and synthesis of clinical information.
4. Improve skills in the diagnosis and treatment of complex in-patient medical problems.
5. Improve oral presentation of clinical problems.
6. Improve techniques of performing medical history and physical examination.
7. Exposure to clinical literature pertinent to case workups.
8. Improve clinical microscopic skills.
9. Knowledge of the risk benefit ratio of diagnostic and therapeutic procedures with an emphasis on doing the best job possible for the money spent.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Antibiotic usage
2. Fever
3. Bacteremia
4. Opportunistic infection
5. Tuberculosis
6. Coccidiomycosis
7. Sexually transmitted disease
8. Neurological infection

INPATIENT: 95%
OUTPATIENT: 5%
CONSULTATION: 100%
PRIMARY CARE: 0%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3 – 5 patients

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 4 – 28 patients

TYPICAL WEEKLY SCHEDULE  DAILY ROUNDS

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<tbody>
<tr>
<td>AM</td>
<td>8:00 – 12:00 Rounds</td>
<td>8:00 – 12:00 Rounds</td>
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<tr>
<td>PM</td>
<td>1:00 – 2:00 Lecture Series</td>
<td>2:00 – 5:00 Rounds</td>
<td>2:00 – 5:00 Rounds</td>
<td>2:00 – 5:00 Rounds</td>
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<td>Conference</td>
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<td>5:00 – 6:00 Conference</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Contact student coordinator at (310) 825-7225 to ensure open elective and faculty contact. Individual faculty advisor arrangements may be made, but advance notification (3 months) is necessary. No students are scheduled without first contacting the coordinator above 2–3 months in advance to ensure faculty scheduling, interest, and accommodations. Students are welcome BUT MUST coordinate individually with faculty.
ME245.02  INFECTION DISEASES

Advanced Clinical Clerkship  Location: HARBOR  2004–2005  12/3/03

COURSE CHAIR: John E. Edwards, Jr., M.D.  PHONE #: (310) 222-3813

SUPPORTING FACULTY: A. Bayer, M.D., S. Filler, M.D., L. Miller, M.D., MPH, M. Yeaman, Ph.D., C. Choi, M.D., K. Beck, M.D., E. Daar, M.D., M. Witt, M.D., G. Reig, M.D.

STUDENT COORDINATOR: Crystal Jones  PHONE #: (310) 222-3813  E-MAIL: cjones@rei.edu

REPORT TO: I.D. Fellow on call, 5 West, 9:00 a.m., first Monday of elective.

PREREQUISITES: Medicine, Surgery

AVAILABLE TO EXterns: Yes

STUDENTS / PERIOD: max 4 min 1

DURATION: 3 weeks

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

COURSE OBJECTIVES (in order of importance)
2. Medical judgment, analysis of medical data, and synthesis of information.
3. Diagnosis and management of complex in-patient problems, fever of unknown origin, systemic mycoses, surgical infections, prosthetic infections, septic shock.
4. Interpretation of Gram stains, cultures, and serologies; reading of x-rays and radionuclide scans.
5. Knowledge of pharmacology and use of penicillins, cephalosporins, aminoglycosides, antifungal and antituberculosis drugs.
6. Knowledge of vaccination and other immunoprophylaxis, chemo-prophylaxis and prevention of infection.
7. Understanding pathogenesis of infection and host defense mechanisms and responses to infection.
8. Improved history and physical examinations.
9. Appropriate format for writing consultations.
10. Oral presentation of cases.

DESCRIPTION: The purpose of this clerkship is to introduce the student to the most contemporary approaches for the prevention and management of infectious diseases, both in concept and practice.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Pneumonia
2. Urinary tract infections
3. Sepsis
4. Intraabdominal & wound infection
5. Fungal diseases
6. Endocarditis
7. Meningitis
8. Fever of unknown origin

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

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

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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<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>9:30 – 10:30 Intake Rounds</td>
<td>8:30 – 9:30 Medical Grand Rounds</td>
<td>8:00 – 12:00 AIDS Clinic</td>
<td>8:00 – 12:00 AIDS Clinic</td>
<td>8:30 – 9:30 Student/Resident Topic Session</td>
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<td></td>
<td></td>
<td>9:00 – 12:00 I.D. Clinic</td>
<td>9:30 – 10:30 Intake Rounds</td>
<td>9:30 – 10:30 Intake Rounds</td>
<td>9:30 – 10:30 Intake Rounds</td>
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<tr>
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<td></td>
<td>10:00 – 11:00 Intake Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 – 1:00 Medicine Lect. Series</td>
<td>1:30 – 3:00 Teaching Rounds</td>
<td>1:30 – 3:00 Teaching Rounds</td>
<td>1:30 – 4:00 Teaching Rounds</td>
<td>12:00 – 1:00 I.D. Grand Rounds</td>
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<td>1:00 – 5:00 AIDS Clinic</td>
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<td>4:30 – 5:30 ID Diactic Course</td>
<td>(1st &amp; 3rd Fridays) Adult ID Rounds</td>
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<td>1:30 – 5:00 I.D. Teaching Rounds</td>
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<td>1:30 – 2:30 Peds/ID Combined Conference</td>
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<td>2:00 – 3:15 Chest I.D. Combined Conference</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Service gives students higher than average responsibility for providing patient consultative services.
ME245.03 INFECTIOUS DISEASES

Advanced Clinical Clerkship  Location: KERN  2004–2005
12/16/03

COURSE CHAIR:  PHONE #:
Royce H. Johnson, M.D., F.A.C.P.  (661) 326-2224

SUPPORTING FACULTY:
Drs. Perez, Munoz, Abraham, Caldwell and Ragland

STUDENT COORDINATOR:  PHONE #:
Connie Conley  (661) 326-2168  E-MAIL: conleyc@kernmedctr.com

REPORT TO: Kern Med Ctr, Dept of Med, Room A303, 1830 Flower St, Bakersfield, CA 93305, 7:30 am, 1st day.

PREREQUISITES: Must have completed 3rd year

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 4 weeks

2004–2005 ROTATIONS BEGIN WEEK:
By Arrangement

DESCRIPTION: This elective rotation is designed to give the participant insight and experience in the recognition, diagnosis, evaluation, and therapeutic intervention of infectious diseases.

COURSE OBJECTIVES (in order of importance)
1. Learn to evaluate patients in detail through the mechanism of history and physicals specific infectious disease problems, both common and rare.
2. Develop appropriate differential diagnosis.
3. Develop and defend plan for diagnosis and treatment.
4. Patient follow-up to assess outcomes.
5. Demonstrate role of consultants.
6. Learn use of library as applicable to patients seen.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. G.U. Infection
2. Respiratory infectious
3. Post-operative infectious
4. Ostemyelitis
5. Tuberculosis
6. Coccidioidomycosis
7. Meningitis/CNS infection
8. Septic arthritis

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

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Pharmacists, Respiratory therapists

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 8
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 20

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
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<tbody>
<tr>
<td>AM</td>
<td>7:30 Morning Report</td>
<td>7:30 Morning Report</td>
<td>7:30 Morning Report</td>
<td>7:30 Morning Report</td>
<td>7:30 Morning Report</td>
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<tr>
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<td>8:30 Infectious Disease Clinic—TB Clinic</td>
<td>8:30 Coccidioidomycosis Clinic</td>
<td>10:00 Consult Rounds</td>
<td>10:00 Consult Rounds</td>
<td>10:30 Teaching Rounds</td>
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<td>PM</td>
<td>12:00 Medicine Conf.</td>
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<td>1:00 Consultation</td>
<td>1:00 Consultation</td>
<td>1:00 Micro Rounds</td>
<td>1:00 Consultation</td>
<td>1:00 Consultation</td>
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<td>3:00 Teaching Rounds</td>
<td>3:00 Teaching Rounds</td>
<td>3:00 Teaching Rounds</td>
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<td>3:00 Teaching Rounds</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: IMPORTANT NOTE: Students must bring TB skin test or chest x-ray documentation and a rubella titre when they report for the rotation. Tests can be obtained in Student Health. TB tests are free and rubella titre is $7.00; student w/be reimbursed for this. Lodging is provided by the department at no cost to the student.
**ME245.04 INFECTION DISEASES**

Advanced Clinical Clerkship  
Location: OVH  
2004–2005  
Revised: 7/21/04

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

1. An understanding of the clinical presentation, laboratory evaluation, and management of common infectious disease problems such as fever, pneumonia, urinary tract infection, tuberculosis, AIDS, and hospital acquired infections.

2. Appropriate management of outpatient infectious disease problems, including outpatient management of HIV infection.

3. Knowledge of and appropriate use of antimicrobial agents.

4. Evaluation of tropical infectious disease problems such as malaria, typhoid fever, and parasitic diseases.

5. An understanding of public health measures for the control of infectious diseases as well as a knowledge of the basic epidemiology of hospital acquired infection.

**DESCRIPTION:**

This course is designed to provide a broad range of experience in evaluating and treating patients with fever and infectious diseases. The unique patient population at Olive View Medical Center and the variety of disease conditions seen provide a particularly stimulating environment for the clerkship. In addition to standard infectious disease problems, the student has the opportunity to see patients with more exotic, “tropical” infections (malaria, typhoid fever, brucellosis, parasitic infections) not commonly seen in the United States. Instruction in the outpatient and inpatient management of HIV infection is also emphasized. Olive View has one of the busiest AIDS clinics in the UCLA system. A busy conference tutorial schedule and the faculty commitment to teaching ensures that students will have ample opportunity to supplement their clinical experiences with an organized educational program.

**STUDENT EXPERIENCES**

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 90%</th>
<th>OUTPATIENT: 10%</th>
<th>CONSULTATION: 90%</th>
<th>PRIMARY CARE: 10%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Bacterial pneumonia</td>
<td></td>
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<td>X FULL TIME FACULTY</td>
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<tr>
<td>2. Sepsis</td>
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<td></td>
<td>X CLINICAL FACULTY</td>
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<tr>
<td>3. Tuberculosis</td>
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<td>X FELLOWS</td>
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<td>4. AIDS</td>
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<td>X RESIDENTS</td>
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<td>5. Fungal disease</td>
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<td>X INTERNS</td>
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<td>6. Parasitic disease</td>
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<td>X OTHER: Nurse Epidemiologist</td>
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<tr>
<td>7. Hospital Acquired Infection</td>
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**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 5

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 13 – 18

**TYPICAL WEEKLY SCHEDULE**

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<tr>
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<td>Combined UCLA ID Conference</td>
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<td>ID Clinic/OVMC</td>
<td>Intramural Case Conference at O.V</td>
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**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** None

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Olive View Medical Center, 14445 Olive View Dr. 2B-182, Sylmar, CA 91342, (818) 364-3205.
ME245.05 INFECTION DISEASES

Advanced Clinical Clerkship Location: WVA 2004–2005
11/24/03

COURSE OBJECTIVES (in order of importance)

1. Knowledge of bacteremia, central nervous system infection, pneumonia, urinary tract infection, intraabdominal infection, soft-tissue infection & of infection in immuno-deficient patients, particularly those with HIV infection.
2. Knowledge of the appropriate use of antibiotics.
3. Knowledge of the use of the microbiology laboratory, interpretation of serological tests, blood levels of antibiotics, and proficiency in interpretation of chest roentgenograms.
4. Knowledge in regard to an appropriate ‘infectious disease history and physical exam.
5. Proficiency in med. judgment, analysis of clinical data & synthesis of info. in regards to diag. & therapy of infections.
6. Proficiency in diagnosis & management of bacteremia, fever of unknown origin, and central nervous system infection.
7. Knowledge of the use of radiological and radionuclide procedures (radionuclide scanning, computerized tomography, sonography and MRI) for diagnosis of infection.
8. Knowledge of the appropriate format for writing infectious disease consultations.

STUDENT COORDINATOR: PHONE #:
Geri Gooden (310) 268-3015
E-MAIL: gerald.gooden@med.va.gov

REPORT TO: Infectious Disease Division Office, Bldg. 500, Room 4669, West LA VA Medical Center

PREREQUISITES: Third-year clerkship in Internal Medicine

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: The goal of the Infectious Disease faculty is to provide the student with the opportunity to be the primary evaluator of patients with a broad spectrum of common infections and to formulate a diagnostic and therapeutic plan; these are then discussed and a rational approach to the patient's illness is formulated. There is also emphasis on appropriate use of antibiotics.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Pneumonia
2. Bacteremia/fungemia
3. Urinary tract infection
4. HIV infection
5. Osteomyeltis
6. Endocarditis
7. Intra-abdominal infection
8. Central nervous system infection
9. HIV infection and its complications

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

CLOSE CONTACT WITH:
FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER Microbiology lab personnel

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3 – 6
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 20

TYPICAL WEEKLY SCHEDULE

Hour Monday Tuesday Wednesday Thursday Friday
AM 9:00 – 12:00 Work Rounds with Fellows and Residents; Evaluate New Consults 8:30 – 10:00 Combined I.D. Conference (WVA, OVMC/SVA & CS) 9:00 – 12:00 Work Rounds & New Consults 9:00 – 11:00 Work Rounds 8:00 – 8:30 ID Topic Talk 12:00 – 1:00 Noon Conference 1:30 – 3:30 Attending Rounds 12:00 – 1:00 Noon Conference 1:30 – 3:30 Attending Rounds
PM 1:00 – 4:30 Immunodeficiency Clinic 12:00 – 1:00 Medical Grand Rounds 1:30 – 3:30 Attending Rounds 12:00 – 1:00 ID Grand Rds (1/month) 1:30 – 3:30 Attending Rounds

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: We encourage students who plan to do residencies in adult medicine (either Internal Medicine, Family Practice, Surgery, or Surgical subspecialties) to take our course. There is a strong emphasis on learning to manage most of the common (but sometimes difficult) types of infection that may be seen in clinical practice. ID Journal Club meets twice a month. ID Research Conference meets once a month.
ME245.07  INFECTIOUS DISEASES

Advanced Clinical Clerkship  Location:  CS  2004–2005  11/26/03

COURSE CHAIR:  PHONE #:  
David Hardy, M.D.  (310) 423-3896

SUPPORTING FACULTY:  
Dr. P.L. Gaut

STUDENT COORDINATOR:  PHONE #:  
Judy Jacobs  (310) 423-4658
E-MAIL: judith.jacobs@cshs.org  FAX:  (310) 423-5200

REPORT TO:  Judy Jacobs, Becker Bldg., Becker 116, 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

COURSE OBJECTIVES (in order of importance)
2. Clear history taking and physical examinations.
3. Knowledge of basic use of laboratory techniques in presumptive and definitive diagnosis stains, smears, cultures, and serologic tests.
4. Knowledge of up-to-date, non-invasive techniques for diagnosis-radionuclide, magnetic resonance and computer tomographic scans, and echosonography as related to infectious diseases; appropriate use of these procedures for drainage.
5. Knowledge of choice and use of appropriate antimicrobial agents, including appropriate use of serum level determinations.
6. Increased proficiency in collection, analysis, and presentation of data, especially in consultative format.
7. Working knowledge of how to best interface with the clinical microbiology laboratory.

DESCRIPTION:  This elective will expose students to a wide variety of inpatient infectious disease patient cases as well as some outpatient HIV patients. Students will actively participate in all aspects of ID consult service.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Infections in HIV/AIDS
2. Bacteremia
3. Fever of uncertain origin
4. Pneumonia
5. Soft tissue infection
6. Central nervous system infection
7. Infection in compromised host
8. Hospital acquired infection

INPATIENT:  85%
OUTPATIENT:  15%
CONSULTATION:  100%
PRIMARY CARE:  0%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Microbiologist in clinical microbiology

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  2 – 3
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  10

TYPICAL WEEKLY SCHEDULE

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<td>9:00 Core Lectures</td>
<td>9:00 – 12:00 I.D. Clinic</td>
<td>11:00 Microbiology Lab. Rounds</td>
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<td>10:30 ID Consult Rounds</td>
<td>9:00 – 11:00 Core Lectures</td>
<td>9:00 – 11:00 Core Lectures</td>
<td>Microbiology Lab Rounds</td>
<td>Microbiology Lab Rounds</td>
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<td>PM</td>
<td>4:00 – 6:00 Attending I.D. Rounds</td>
<td>12:00 Med. I.D. Grand Rounds (monthly)</td>
<td>4:00 – 6:00 Attending I.D. Rounds</td>
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<td>2:15 Work Rounds</td>
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<td>1:00 Med./Peds. I.D. Conference</td>
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<td>1:00 – 5:00 Attending I.D. Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

COURSE CHAIR: Joel Ruskin, M.D. (323) 783-4516

SUPPORTING FACULTY: Marc La Riviere, M.D., Paul Turner, M.D., Jim Nomura, M.D.

STUDENT COORDINATOR: Steve Valencia (323) 783-4516

REPORT TO: Clerkship Coordinator, Center For Medical Education, 4733 Sunset Blvd., Bldg. B, West Mezzanine, 3rd Floor at 8:30 a.m. Then report to 1505 Edgemont, 2nd Floor.

PREREQUISITES: Medicine and Surgery

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks (6 weeks by arrangement)

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)
1. Diagnosis and management of diverse infectious disease problems, e.g.,
   − Endocarditis (native and prosthetic valve)
   − Meningitis
   − Sepsis syndromes (Gram pos. & gram neg.)
   − Community and nosocomially acquired pneumonia
2. Evaluation of unexplained fever.
3. Infections of the compromised host:
   − Bone marrow and organ transplants
   − Leukemia/Lymphoma
   − Fever and neutropenia syndrome
5. Antibiotic and antiviral chemotherapy regimens:
   − Current usage patterns

DESCRIPTION: The student, under the tutelage of a faculty member, will be seeing infectious disease consultations from all medical and surgical services in a hospital setting that is unique. It is both a primary care community institution as well as a state of the art tertiary care center.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. “Classical” infectious diseases
2. Pneumonia, sepsis, etc.
3. Granulomatous infection, TB, and fungus
4. Infections related to prosthetic devices; endocardial; intravenous access; orthopedic appliances
5. AIDS

INPATIENT: 98%
OUTPATIENT: 2%
CONSULTATION: 100%
PRIMARY CARE: 0%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 3 – 5

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 15 – 20

TYPICAL WEEKLY SCHEDULE

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<td>PM</td>
<td>1:30 – 5:00 Rounds with ID Attending</td>
<td>Internal Medicine Education Conference/ID Rounds</td>
<td>Rounds with ID Attending</td>
<td>12:00 – 1:30 ID Conference 1 per Month</td>
<td>Rounds with ID Attending</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Weekends off.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The work-up of an infectious disease problem sharpens clinical skills in that it involves rigorous examination of the patient’s complete medical condition. The question most commonly asked of us is: “What antibiotic should I use?” But the question that we ask ourselves is: “What is the disease?”
ME250.01 GENERAL INTERNAL MEDICINE

Advanced Clinical Clerkship
Location: HARBOR

2004–2005
11/26/03

COURSE CHAIR: Darrell Harrington, M.D.
PHONE #: (310) 222-8195

SUPPORTING FACULTY:
Drs. Kimberly Vogt, Janine Vintch, and Kennamer Fellow

STUDENT COORDINATOR: Virginia Ramirez
PHONE #: (310) 222-2465
E-MAIL: vramirez@dhs.co.la.ca.us

REPORT TO: Harbor-UCLA Medical Center, B-212 at 9:00 am, (310) 222-2465 or 222-2466

PREREQUISUTES: Medicine and 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

DESCRIPTION: This course emphasizes the management of the complex medical problems of all hospital inpatients who are not on inpatient medical services. The pre-operative assessment of medical risks and complications is also stressed.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Cardiac diseases
2. Peripheral Vascular diseases
3. Hypertension
4. Postoperative wound infections
5. Postoperative pneumonia
6. GI and Bronchogenic carcinoma
7. Drug toxicities and interactions
8. Complications of diabetes mellitus

INPATIENT: 70%
OUTPATIENT: 30%
CONSULTATION: 80%
PRIMARY CARE: 20%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3 – 15

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 12 – 20

TYPICAL WEEKLY SCHEDULE

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<td>Patient Care/ Consults</td>
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<td>Internal Medicine Lecture</td>
<td>EKG/CXR Conference</td>
<td>Primary Care Grand Rounds</td>
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<td>Infectious Disease Conference</td>
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<td>Preoperative Clinic PCDC</td>
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<td>Primary Care Grand Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME250.02  GENERAL MEDICINE

Subinternship Location: KERN

COURSE CHAIR: PHONE #:
Royce H. Johnson, M.D., F.A.C.P. (661) 326-2224
Director of Medical Students—Alan S. Ragland, D.O.

SUPPORTING FACULTY:

STUDENT COORDINATOR: PHONE #:
Connie Conley (661) 326-2168
E-MAIL: conleyc@kernmedctr.com

REPORT TO: Kern Med Ctr, Dept. of Med., 1830 Flower St., Bakersfield, CA 93305, 8:00 am 1st day.

PREREQUISITES: Internal Medicine

AVAILABLE TO EXTERNALS: Yes

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Hypertension
2. Ischemic heart disease
3. Congestive heart failure
4. COPD
5. Hepatic cirrhosis
6. Pneumonia
7. Pancreatitis
8. Gastrointestinal bleeding
9. Coccidiomycosis

INPATIENT: 70%
OUTPATIENT: 30%
CONSULTATION: 10%
PRIMARY CARE: 90%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY FELLOWS
X RESIDENTS
X INTERNS
X OTHER Pharmacists, Nurses, Respiratory Therapists, and Dieticians

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 9 – 10

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

TYPICAL WEEKLY SCHEDULE

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<td></td>
<td>Student Lecture</td>
<td>Ambulatory Care Center</td>
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<td>Ambulatory Care Center</td>
<td>Preceptor Rounds (for students only)</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On call every 8th night: Saturday a.m. check-in.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Important Note: Students must bring documentation of having a TB skin test or chest x-ray and a rubella titre when they report for the rotation. Tests can be obtained in Student Health. TB tests are free and rubella titre is $7.00 which will be reimbursed to the student. Lodging is provided by the department at no cost to the student.
COURSE OBJECTIVES (in order of importance)

1. Enhancement of physical diagnosis skills with emphasis on the musculoskeletal, neurologic, and cardiac exam. Additional areas of emphasis may include: ocular and dermatologic manifestations of systemic disease, ENT exam, rheumatologic physical findings, examination of the patient with abdominal pain, and the pulmonary exam.

2. Enhancement of skills in patient interview techniques. Specific skill building in obtaining a medical history establishing rapport with the patient, understanding and interpreting patient needs, and expansion of your medical interview to incorporate the bio-psycho-social model of disease.

3. Enhancement of such fundamental clinical skills as reading a chest x-ray or interpreting a gram stain.

4. Integration of these clinical skills through patient case studies.

DESCRIPTION: This is a 2-week elective designed specifically to provide the student with advanced clinical skills to enhance their bedside diagnostic abilities and their clinical confidence. The course will be divided into 10 half-day segments. Each segment will provide an intensive in-depth mini-course on specific areas of physical diagnosis, clinical history taking, and specific important basic clinical skills, such as reading a CXR. The course will involve multiple teaching formats: seminar, student participation and skill building sessions, videotape sessions, and seeing actual patients with specific clinical problems. It will be a hands-on course taught by clinical faculty.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Cardiac exam
2. Musculoskeletal exam
3. Neurologic exam
4. Clinical history taking/patient interview skills
5. Eval. of patients with acute abdominal pain

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT:

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>9:30 – 12:00 Cardiac Exam</td>
<td>9:30 – 12:00 CXR Clinical Application</td>
<td>9:30 – 12:00 Neurology Exam</td>
<td>9:30 – 12:00 Eye Exam</td>
<td>9:30 – 12:00 Physical Diagnosis Rounds—OV Wards</td>
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<td>Videotape Interviews</td>
<td>Overview—History-Taking Skills</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME250.05 ADVANCED DIAGNOSTIC SKILLS

Advanced Clinical Clerkship  Location: CHS  2004–2005  Revised: 8/27/04

COURSE CHAIR:  PHONE #:  Christopher B. Cooper, M.D.  (310) 825-5988
SUPPORTING FACULTY:  Jonathan Goldin, M.D., Ph.D & Alan Wilkinson, MD
STUDENT COORDINATOR:  PHONE #:  Heather McGinn  (310) 825-5615  E-MAIL:  hmcginn@mednet.ucla.edu
REPORT TO:  Dr. Christopher B. Cooper, 37-131 CHS (Pulmonary Div. Office)

COURSE OBJECTIVES (in order of importance)
1. Appreciate the important roles of careful history taking and a refined physical examination in developing a focussed differential diagnosis.
2. Appreciate the impact of a succinct and accurate differential diagnosis on the complexity, efficacy, complications and costs of patient management.
3. Review, in depth, the approach to physical examination of each of four organ systems (respiratory, cardiovascular, gastrointestinal and neurological).
4. Refine these examination skills in selected patients.
5. Review and recognize about 160 color slides of clinical cases showing important diagnostic features.
6. Identify abnormal physical findings in patients who are admitted at the time of the course.
7. Review and recognize important diagnostic skills in radiology.
8. Self-assessment of diagnostic skills though clinical slide quiz.

DESCRIPTION:  The objective of this course is to refine the skills of clinical diagnosis by showing students unequivocal physical signs. Didactic sessions will be followed with projected clinical slides, radiographs, scans, and laboratory data as they apply to each particular organ system. Each afternoon the group will be shown abnormal signs, at the bedside, in 6-8 patients with stable diseases of that organ system. The students will then be asked to demonstrate these signs to the satisfaction of the instructor. As clinicians, we assimilate information from a number of sources. Physical signs are immediately and easily available to the clinician without expense or discomfort to the patient. On the last day each student will be expected to examine one patient fully and demonstrate the abnormal physical signs.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Cardiovascular
2. Respiratory
3. Abdominal
4. Neurologic
5. Musculo-skeletal
6. Ophthalmologic

INPATIENT:  50%  OUTPATIENT:  50%
CONSULTATION:  N/A%  PRIMARY CARE:  N/A%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  13
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  N/A

TYPICAL WEEKLY SCHEDULE

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<tr>
<th>Hour</th>
<th>Monday</th>
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<tbody>
<tr>
<td>AM</td>
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<tr>
<td></td>
<td>Clinical Slides</td>
<td>Clinical Slides</td>
<td>Clinical Slides</td>
<td>Clinical Slides</td>
<td>Clinical Slide Quiz</td>
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<tr>
<td></td>
<td>10:30 – 12:00 Demonstration of organ system examination</td>
<td>10:30 – 12:00 Identification of abnormal physical findings in patients</td>
<td>10:30 – 12:00 Demonstration of organ system examination</td>
<td>10:30 – 12:00 Identification of abnormal physical findings in patients</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>2:00 – 3:30 Demonstration of diagnostic skills in radiology</td>
<td></td>
<td>2:00 – 3:30 Demonstration of diagnostic skills in radiology</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Students will need white coats for encounters with patients. Bring a stethoscope to sessions. Bring a tendon hammer and ophthalmoscope only if you already have them.
SHORTAGE AREA MEDICAL ED. & TRAINING PROGRAM (SAMET)

Advanced Clinical Clerkship
Location: ASSOC
12/11/03

COURSE CHAIR:
David E. Hayes-Bautista, Ph.D.
PHONE #: (310) 794-0663

SUPPORTING FACULTY:
Robert M. Stein, Ph.D.

STUDENT COORDINATOR:
Virginia Gonzalez-Cornejo
PHONE #: (310) 794-0664
E-MAIL: vgc@ucla.edu

REPORT TO: Virginia Gonzalez-Cornego in 924 Westwood Blvd, Ste 730 at 9:30 a.m.

PREREQUISITES: None

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 10 min 4

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS: 33

DESCRIPTION: Purpose is to prepare students for future practice in minority shortage areas of Calif. Students attend a seminar series covering minority health policy issues and practical issues in preparing for minority shortage area practice. Students will get to know and work 5-15 medical students from California and out-of-state medical schools who plan to practice in the same shortage area in the future. Preceptors are role models delivering good medical care to largely minority shortage area patients. Seminar will be accompanied by a syllabus of readings on minority health policy issues.

COURSE OBJECTIVES (in order of importance)
1. To prepare medical students to begin practice in a minority shortage area of California in the 2000s and successfully become a permanent, long-term source of health care in that area in the future.
2. To acquaint students with the health policy, health economics, health care organization, and other issues, which will affect the delivery of effective health care in minority shortage areas of California in the 2000s and beyond.
3. To put students in contact with successful physicians, medical directors, clinic administrators, and others in a shortage are with whom they may work in the 2000s.
4. To become acquainted with the opportunities and methods of delivering effective healthcare to minority shortage area patients through actual participation in the day-to-day work of a physician who is successfully delivering care to such patients.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Infectious diseases
2. Nutritional Problems
3. Diseases of minority shortage area persons
4. Problems of access to adequate health care

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

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
RESIDENTS
FELLOWS
INTERNS
X OTHER: Medical students, medical directors, administrators of major clinics and facilities in the area.

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: Varies: 8–25

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td></td>
<td>Lecture: Clinical Epidemiology and Behavioral Medicine &amp; Communication</td>
<td>Lecture: Clinical Epidemiology and Behavioral Medicine &amp; Communication</td>
<td>Preceptor Patient Care</td>
<td>Preceptor Patient Care</td>
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<td>PM</td>
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<td>Preceptor Patient Care</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Bilingual skills in English and Spanish not required, but would be very helpful.

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ME253.02 INTERNATIONAL HEALTH

Advanced Clinical Clerkship Location: KDMC

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

SUPPORTING FACULTY:
Dr. Adeleh Esfandiari, Course Director

STUDENT COORDINATOR: PHONE #: Dr. Adeleh Esfandiari, Course Director (323) 563-5986

REPORT TO: Dr. Adeleh Esfandiari, Course Director

PREREQUISITES: Medicine & Pediatrics Core Rotations & Tropical Medicine/Int'l Health Didactic Elective

AVAILABLE TO EXTERNALS: No

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS: By Arrangement

COURSE OBJECTIVES (in order of importance)
1. To actively participate in the diagnosis and management of diseases found in developing countries.
2. To sharpen microscopic and radiologic diagnostic and management skills.
3. To understand the health care delivery systems in developing countries through actual participation.
4. To become acquainted with social nuances & their influence on health and the delivery of health care.
5. To learn the significance & mechanisms of “team approach” to health care and the delivery of health care.
6. To learn the relationship between and importance of multidisciplined (i.e., agriculture, transportation, communication) sectors to health care.
7. When possible and significant, to interface with traditional health systems.
8. To understand the health budgetary constraints and how health care is affected.

DESCRIPTION: This clerkship is designed to expose students to clinical medicine in developing countries. Under supervision, students will assume responsibility for the day-to-day clinical care of patients in hospitals, clinics, and/or private practices.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
Variable with each assignment
1. Parasitic infections
2. Nutritional disorders
3. Health of pregnant & lactating women
4. Communicable childhood diseases & general pediatric diseases
5. Internal medicine problems

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

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
X OTHER Expert Consultants & Clinical supervisors

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 18

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 63

TYPICAL WEEKLY SCHEDULE

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<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 – 9:00 Collect Lab Data, etc.</td>
<td>9:00 – 11:00 Chart review, discussion of newly admitted patients and ward rounds with preceptor</td>
<td>9:00 – 11:00 Chart review, discussion of newly admitted patients and ward rounds with preceptor</td>
<td>9:00 – 11:00 Chart review, discussion of newly admitted patients and ward rounds with preceptor</td>
<td>9:00 – 11:00 Chart review, discussion of newly admitted patients and ward rounds with preceptor</td>
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<td>9:00 – 11:00</td>
<td>11:00 – 12:00 Radiology Unit</td>
<td>11:00 – 12:00 Microbiology Laboratory</td>
<td>11:00 – 12:00</td>
<td>11:00 – 12:00 Microbiology Laboratory</td>
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<td>Chart review, discussion of newly admitted patients and ward rounds with preceptor</td>
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<td>11:00 – 12:00</td>
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<td>Microbiology Laboratory</td>
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<td></td>
<td>Radiology Unit</td>
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<td>Hospital Outpatient Clinic</td>
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<td>1:30 – 4:00 Puriurban or Rural Clinic</td>
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<td>4:00 – 5:30 Afternoon Inpatient Rounds</td>
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<tr>
<td>PM</td>
<td>1:30 – 4:00 Preceptor’s private clinic and/or meetings with MOH officials</td>
<td>1:30 – 4:00 Puriurban or Rural Clinic</td>
<td>1:30 – 4:00 Puriurban or Rural Clinic</td>
<td>1:30 – 4:00 Hospital Outpatient Clinic</td>
<td>1:30 – 4:00 Hospital Outpatient Clinic</td>
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<td>4:00 – 5:30 Afternoon Inpatient Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On-call twice weekly. Clinical duties Saturday mornings.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Clerkships available in Liberia, Swaziland, Kenya, and Indonesia. Travel and housing assistance possible, but not guaranteed. All clerkships occur in developing countries and are supervised by preceptors and a Drew Faculty clinician.
COURSE OBJECTIVES (in order of importance)
1. Clinical skill in history taking and physical examination.
2. Knowledge of disease process in stroke, amputation, low back and other musculoskeletal, neuromuscular, and chronic pain syndrome.
3. Medical judgment in management of the disabled patient.
4. Utilization of the health care team.
5. Functional evaluation.
6. Interpretation of tests: Electromyography, bone and joint x-rays.
7. Basic science: principles of physiology and anatomy correlated with clinical problems.

DESCRIPTION:
This clerkship provides an introduction to PM&R through supervised clinical experience. Patients will be examined and treatment programs carried out under supervision of the Rehabilitation Medicine Staff. An introduction to Electromyography, brace, prosthetic and wheelchair prescriptions, and cardiac rehabilitation are all included.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Stroke
2. Amputation
3. Back strain
4. Disc syndrome
5. Other musculoskeletal pain
6. Spinal cord lesion
7. Arthritis
8. Head injury

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 5+
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 150

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>X-Ray Conference</td>
<td>Neurology Case Presentation and Discussion or Research Presentation</td>
<td>Patient/Rounds RMS Bed Service</td>
<td>Radiology Case Presentations</td>
<td>Journal Club</td>
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<td></td>
<td>Patient Evaluation*</td>
<td>Patient Evaluation*</td>
<td>Electromyography</td>
<td>Amputee Clinic</td>
<td>Cardiac Rehab</td>
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<td></td>
<td>Electromyography</td>
<td>OP Clinic</td>
<td>Electromyography</td>
<td>Electromyography</td>
<td>Patient Evaluation*</td>
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<td>OP Clinic</td>
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<tr>
<td>PM</td>
<td>Patient Evaluation*</td>
<td>Prosthetics or Musculoskeletal Lecture Series</td>
<td>Patient Evaluation*</td>
<td>Chronic Pain Clinic</td>
<td>Patient Evaluation*</td>
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<td></td>
<td>OP Clinic</td>
<td>Core Lecture Annual Lecture Series</td>
<td>OP Clinic</td>
<td>Neurolysis (Nerve and Muscle Block) Clinic</td>
<td>Brace Clinic</td>
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<td></td>
<td>Somatosensory Evoked Potentials</td>
<td>Wheelchair Clinic Falls Clinic</td>
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<td>Wellness Clinic or Gait Lab</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: No night call.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: A student in this clinical clerkship will spend 1 week on the Rehabilitation Medicine Inpatient Bed (student will be Primary Care Physician for selected rehabilitation inpatients) and 2 weeks in the Rehabilitation Medicine Outpatient Clinic (student works with musculoskeletal complaint cases) A twenty minute presentation on a topic relating to Rehabilitation is required. Rehab med. Bed service or out-patient clinic.
COURSE OBJECTIVES (in order of importance)
1. Clinical skills in history taking and physical exam of patients with musculoskeletal disorders.
2. Knowledge of disease process in musculoskeletal pain, physical disabilities, amputation, neurological disabling diseases, and stroke.
3. Medical judgment in management of the patients with amputation, pain, and disabilities.
4. Interpretation of tests: electromyography, bone and joint x-rays, MRI.
5. Utilization of and interaction with the health care interdisciplinary team.
6. Basic science principles of physiology and anatomy of the musculoskeletal system correlated to clinical problems.

DESCRIPTION: The student will be exposed to PM&R, which includes treatment and management of patients with multiple disabilities, i.e., neurologic, rheumatologic, geriatric and/or orthopedic pathology. The student will be introduced to team approach in health care by working with physical and occupational therapists, social workers, and other allied health professionals.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Musculoskeletal disorders
2. Degenerative joint disease
3. Low back and neck pain
4. Peripheral neuropathy
5. Stroke
6. Amputation
7. Sports medicine
8. Trauma

INPATIENT: N/A%
OUTPATIENT: 100%
CONSULTATION: 100%
PRIMARY CARE: 100%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
X RESIDENTS
INTERNS
X OTHER Phys. Therapists, Occupational Therapists and Kinesiotherapists

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 6 – 8
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 70 – 75

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>Outpatient EMG</td>
<td>Rheumatology Outpatient Clinic</td>
<td>Outpatient Evaluation Clinic</td>
<td>Medicine Grand Rounds</td>
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<td></td>
<td>Rheumatology Conference</td>
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<td>Urgent Rehab Clinic at WVA</td>
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<tr>
<td>PM</td>
<td>Outpatient EMG</td>
<td>1:00 – 4:30 Lecture at WVA</td>
<td>Wellness Clinic 1st &amp; 3rd Amputee/Brace Clinic Wheelchair Clinic 2nd &amp; 4th</td>
<td>Musculoskeletal — Sports Medicine Clinic</td>
<td>Pain Management Clinic at WVA</td>
</tr>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Interested students would do well to have read Stanley Hoppenfeld’s *Physical Examination of the Spine and Extremities.*
ME254.03 PHYSICAL MEDICINE AND REHABILITATION INTRODUCTION

Advanced Clinical Clerkship  Location: CS  2004–2005  12/11/03

COURSE CHAIR:  Richard Riggs, M.D.  PHONE #: (310) 423-3148

SUPPORTING FACULTY:  Anne Meyer, M.D.

STUDENT COORDINATOR:  Michelle Demond  PHONE #: (310) 423-3148

REPORT TO:  Michelle Demond MOB RM 395 W

PREREQUISITIEs:  Medicine

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

COURSE OBJECTIVES (in order of importance)
1. To introduce the intellectual and philosophical clinical approach to patients with disabilities and handicaps.
2. To have students perform full rehabilitation assessments, including cognitive and emotional evaluations as well as the addressing of physical disabilities.
3. To have students observe team interaction to problem solving and efficient inpatient rehabilitation management as well as the physician's role of organizer and administrator.
4. To have students observe out-patient management of disabilities like musculoskeletal pain and stroke syndromes.
5. To have students understand how rehabilitation interfaces with other medical specialties by contact with patients' physicians.
6. To have students understand the common medical and surgical work-ups associated with rehabilitation problems.
7. To understand methods of approaching difficult patient behaviors.
8. To understand research frontiers in the field, current cost issues and discharge planning.

DESCRIPTION: The course will introduce the scope and management of the diverse problems addressed by the field of Physical Medicine and Rehabilitation. Problems range from isolated musculoskeletal disorders to complex team rehabilitation of the severely handicapped individual.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Musculoskeletal pain
2. Gait disorders
3. Wheelchair prescription
4. Cognitive assessment
5. Stroke syndromes
6. Amputations
7. Medication side-effects
8. Family assessments

INPATIENT:  75%
OUTPATIENT:  25%
CONSULTATION:  100%
PRIMARY CARE:  0%

CLOSE CONTACT WITH:
FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER All therapists, MSWs, psychologists

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/ BY STUDENT: OPD =3, INPT=5
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: OPD=25, INPT=50

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>8:00 – 10:00 Rounds on Rehabilitation</td>
<td>8:00 – 9:00 Rounds on Rehab Unit</td>
<td>8:00 – 9:00 Rounds on Rehab Unit</td>
<td>8:00 – 9:00 Rounds on Rehab Unit</td>
<td>8:00 – 9:00 Rounds on Rehab Unit</td>
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<td>10:00 – 12:00 Consults Therapy Observation</td>
<td>9:00 – 10:00 Team Meeting</td>
<td>9:00 – 12:00 Consults Therapy Observation</td>
<td>9:00 – 11:00 Consults Therapy Observation</td>
<td>9:00 – 11:30 Consults Therapy Observation</td>
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<tr>
<td></td>
<td>Noon Conference (Optional)</td>
<td>10:00 – 12:00 Consults Therapy Observation</td>
<td>Noon Conference (Optional)</td>
<td>11:00 – 12:00 Conference</td>
<td>11:30 – 1:00 Didactic PM&amp;R Lectures at Cedars</td>
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<td>1:00 – 5:00 Consults, Rounds</td>
<td>1:00 – 3:00 Didactic PM&amp;R Lectures at Wadsworth VA</td>
<td>1:00 – 5:00 Outpatient Clinic</td>
<td>1:00 – 3:00 Outpatient Clinic</td>
<td>1:00 – 5:00 Consults, Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 – 1:00 Noon Conference (Optional)</td>
<td>12:00 – 1:00 Noon Conference (Optional)</td>
<td>12:00 – 1:00 Brain Injury Group Study</td>
<td>12:00 – 1:00 Noon Conference</td>
<td>11:30 – 1:00 Didactic PM&amp;R Lectures at Cedars</td>
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<tr>
<td></td>
<td>1:00 – 5:00 Consults, Rounds</td>
<td>1:00 – 3:00 Didactic PM&amp;R Lectures at Wadsworth VA</td>
<td>1:00 – 5:00 Outpatient Clinic</td>
<td>1:00 – 3:00 Outpatient Clinic</td>
<td>1:00 – 5:00 Consults, Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Possible phone call weeknights with Saturday/Sunday rounding depending on Attending schedule.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This elective is suitable and useful for any medical student regardless of future training plans. In addition, any student seriously considering a residency in Physical Medicine and Rehabilitation would obtain a good exposure to the field through this rotation.
COURSE OBJECTIVES (in order of importance)
2. Improve clinical skills such as medical interviewing, physical exam (breast exam, pelvic exam), procedural skills (pap smears).

COMMON PROBLEMS/DISEASES
1. Health maintenance issues: screening prevention
2. Menopause and hormone replacement
3. Breast cancer and cervical cancer
4. Mental health issues
5. Cardiovascular disease
6. Uterine bleeding
7. Contraception
8. Urinary bleeding

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

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

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>Sepulveda VA PACE Clinic</td>
<td>Sepulveda Women's Health Clinic NP Clinic</td>
<td>Sepulveda VA PACE Clinic</td>
<td>West LA Women's Health Clinic</td>
<td>Sepulveda VA PACE Clinic</td>
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<tr>
<td>PM</td>
<td>Sepulveda Women's Health NP Clinic</td>
<td>Sepulveda Women's Health Clinic</td>
<td>West Los Angeles Gynecology Clinic</td>
<td>Scholarly Time</td>
<td>Sepulveda Women's Health NP Clinic</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Morning report and noon conferences at Sepulveda are also offered as well as West LA Women’s Health Conference on Thursday mornings.
ME260.01  NEPHROLOGY

Advanced Clinical Clerkship  Location:  CS  2004–2005
12/23/03

COURSE CHAIR: Mike Bunnapradist, M.D.  PHONE #: (310) 423-7880

SUPPORTING FACULTY:
Drs. Arieff, Cohen, Fichman, Jordan, Levine, Makoff, Nast, and
Rodriguez, A. Peng

STUDENT COORDINATOR: Judy Jacobs  PHONE #: (310) 423-4658

REPORT TO: Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 a.m.

AVAILABLE TO EXTERNALS: Yes

PREREQUISITES: Medicine

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)
1. Perform a proper history and physical examination for the nephrology patient.
2. Become proficient in the differential diagnosis and management of fluid, electrolyte, and acid-base problems.
3. Acquire knowledge of the clinical strategy in evaluation of the patient with renal disease.
4. Develop a practical approach to diagnosis and medical management of hypertension.
5. Review and update basic knowledge of renal physiology.
7. Exposure to similar problems in the pediatric population through the integrated teaching program of adult and pediatric nephrology at Cedars-Sinai.

DESCRIPTION: This elective provides an excellent opportunity to learn about and manage renal disease in patients with frequent multisystem dysfunction. The student is given responsibility under the supervision of faculty, fellows, and residents. The students are also expected to participate in the chronic dialysis and the transplantation meetings, where this is applicable to their patient. Active participation is stressed continually. The formal teaching sessions include Renal Radiology, Renal Pathology, and Renal Grand Rounds. The fellows will have prepared a discussion of a specific area of renal pathophysiology or renal physiology, before which all students are urged to have read some of the patient material.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Fluid & electrolyte disorders
2. Hypertension
3. Renal failure
4. Transplantation (Renal)
5. Hemodialysis
6. Renal immunology
7. Imaging techniques in nephrology
8. Acute & chronic renal diseases

INPATIENT: 85%  OUTPATIENT: 15%  CONSULTATION: 95%  PRIMARY CARE: 5%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 4

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 20

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 – 9:00</td>
<td>8:00 – 9:00</td>
<td>8:30 – 12:00</td>
<td>7:00 – 8:00</td>
<td>7:15 – 8:15</td>
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<tr>
<td></td>
<td>Journal Club B-203 Conf Rm, Becker Bldg. 11:00 – 12:00 Chief's Rounds, 6SW Conf Rm.</td>
<td>HM 4&amp;5 Renal Gr. Rds (combined with Endo once/month - All Flws, Res. &amp; Studts) 9:00 – 12:00 Transplant Clinic (T. fellow) 10:00 – 12:00 Attending Rds</td>
<td>Wadsworth VA Renal Clinic (C Flws, Res. &amp; Studts.) 9:30 – 11:00 CAPD Clinic - Dr. Rodriguez (T. fellow)</td>
<td>Renal Grd Rds, 3rd fl. VA Conf Rm 10:00 – 11:00 Attending Rds 6SW Conf Rm, Fellows, Res., Studts. 11:00 – 12:00 Fluid &amp; Electrolyte Conf. 6SW Conf Room</td>
<td>UCLA Did. Pathophysiology/ 8:15 – 9:15 Res in Progress, Wads VA 9:30 – 10:30 Hypertens Rds, Dr. S. Franklin 10:00 – 12:00 Attd. Rds 6SW Conf Rm.</td>
</tr>
<tr>
<td></td>
<td>1:00 – 1:45 Renal Pathology Conf.Rm. 8610 Fellows, residents, students. Dr. A. Cohen 4:00 – 6:00 Transplant Rounds (T. fellow) 4:00 – 5:00 Hemodialysis Rds.</td>
<td>1:30 – 2:30 Transplant Rounds (T. fellow) 6SW Conf. Rm.</td>
<td>1:00 – 1:45 Renal Path Conf. Alt. with Radiology (1st wk US + CT Rad. 8th Ultrasound) (3rd wk.) 2:00 – 3:00 Nuc. Med. 1:30 – 3:30 Transplant Rds. 4:00 – 5:00 Hemodialysis Rds +CAPD Clin.</td>
<td>1:00 – 1:45 Renal Path Conf. Alt. with Radiology (1st week US + CT Rad. 8th Ultrasound Dr. Van Allen) (3rd wk.) 2:00 – 3:00 Nuc. Med. Dr. Waxman 1:30 – 3:30 Transplant Rds.</td>
<td>1:30 – 2:30 Transplant Rds. (T.fellow) 1:30 – 4:30 2nd &amp; 4th wks CSMC Renal Clinic (C.fellow student) Ambulatory Care Center 4:00 – 5:00 Hemodialysis Rds.</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 1:45</td>
<td>1:00 – 1:45</td>
<td>1:00 – 1:45</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: None

164
ME260.02  GENERAL NEPHROLOGY

Advanced Clinical Clerkship  Location:  CHS  2004–2005  12/12/03

COURSE CHAIR:  PHONE #:
Drs. Minhtri Nguyen & Ira Kurtz  (310) 206-6741

SUPPORTING FACULTY:
A. Nissenson, A. Wilkinson, W. Goodman,

STUDENT COORDINATOR:  PHONE #:  E-MAIL:
Lesley Edelstein  (310) 206-6741  ledelstein@mednet.ucla.edu

REPORT TO:
Consult Fellow, Factor Bldg. 7-155 8:00 a.m.

AVAILABLE TO EXTERNs:  No

PREREQUISITES:
Medicine

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 excellent opportunity to learn about and manage renal disease in patients with frequent multisystem dysfunction. The student is given responsibility under the supervision of faculty, fellows, and residents. The students are also expected to participate in the chronic dialysis and the transplantation meetings, where this is applicable to their patients. Active participation is stressed continually. The formal teaching sessions include Renal Radiology, Renal Pathology, and Renal Grand Rounds. The fellows will have prepared a discussion of a specific area of renal pathophysiology or renal physiology, before which all students are urged to have read some of the pertinent material.

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis and management of hypertension, acid-base abnormalities, hyper- and hypoposphoridemic syndromes, electrolyte abnormalities, and acute and chronic renal failure.
2. The use of antibiotics, cardiac and vasoactive agents in renal failure and antihypertensives.
3. Clinical skills: medical interviewing and physical examination.
5. The interpretation of acid-base parameters, fluid-electrolyte levels, and the work-up of hypertensive patients.
6. Special skills such as: reading IVPs, renal scans, cat scans, and ultrasound.
7. Diagnosis and management of complex inpatient problems.
8. Library research and interpretation of literature.
9. Basic science foundation of pathophysiologic mechanisms.
10. Specialized patient care, e.g., dialysis.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Acute renal failure
INPATIENT:  80%
2. Chronic renal failure
OUTPATIENT:  20%
3. Acid-base disturbances
CONSULTATION:  100%
4. Fluid and electrolyte abnormalities
PRIMARY CARE:  0%
5. Calcium/phosphorus abnormalities
6. Renal stone disease
7. Hypertension—primary and secondary

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT:  5

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  13 – 15

TYPICAL WEEKLY SCHEDULE

<table>
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<tr>
<th>Hour</th>
<th>Monday</th>
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<tbody>
<tr>
<td>AM</td>
<td></td>
<td>7:30 – 8:30 Tuesday Conference</td>
<td>8:30 – 9:30 Medical Grand Rounds</td>
<td>7:00 – 8:00 Renal Grand Rounds</td>
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<tr>
<td>PM</td>
<td>1:00 Rounds</td>
<td>1:00 Rounds</td>
<td>1:00 Rounds</td>
<td>1:00 Rounds</td>
<td>1:00 Rounds</td>
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<td></td>
<td>2:30 – 3:30 House Staff Renal Conf. (weekly)</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:
Students are not included in the on-call schedule.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME260.03  Nephrology

Advanced Clinical Clerkship  Location: SFVMP

COURSE CHAIR:  PHONE #:  
David B.N. Lee, M.D., Chief  (818) 895-9395

SUPPORTING FACULTY:  Drs. N. Yanagawa, D. Corry, P.C. Pham, M. Roberts

STUDENT COORDINATOR:  PHONE #:  
Mark DeVany  (818) 364-3205  E-MAIL: mdevany@dhs.co.la.ca.us

REPORT TO:  Olive View Medical Center, Dept. of Medicine Office, Room 2B-182 at 8:00 a.m.

PREREQUISITES:  Medicine

AVAILABLE TO EXTERNORS:  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:  Teaching will occur at both Sepulveda VA Medical Center & Olive View Medical Center facilities. Students will be directed to the best teaching cases of the two facilities for the most optimal learning experience.

COURSE OBJECTIVES (in order of importance)

1. Pathophysiology and clinical management of common acid-base disturbances, fluid and electrolyte abnormalities, acute and chronic renal failure, and glomerular and interstitial nephropathies.

2. Knowledge of diuretic agents, nephrotoxic drugs, immunosuppressive drugs, vitamin D metabolites, antihypertensive agents.

3. Experience in data analysis, synthesis, integration, and documentation for effective presentation and decision making.

4. Exposure to clinical problems associated with uremia, dialysis, and transplantation.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Acute renal failure
2. Drug-induced nephrotoxicity
3. Chronic renal failure
4. Acid base/electrolyte abnormalities
5. Glomerular and interstitial nephropathies
6. Divalent ions abnormalities
7. Hypertension
8. Renal stones

INPATIENT:  66%
OUTPATIENT:  34%
CONSULTATION:  66%
PRIMARY CARE:  34%
CLOSE CONTACT WITH:
X  FULL TIME FACULTY
X  CLINICAL FACULTY
X  FELLOWS
X  RESIDENTS
X  INTERNS

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  5

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00 – 8:30 Chief’s Seminar 8:30 – 12:00 Renal Clinic at SVAMC</td>
<td>8:30 – 12:00 Renal Clinic at OVMC</td>
<td>7:00 – 8:00 Renal Grand Rounds 8:30 – 9:30 Medical Grand Rounds</td>
<td>7:15 – 8:15 Renal Pathophysiology 8:15 – 9:15 Research Seminar 10:00 – 12:00 Nephrology Core Curr.</td>
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<tr>
<td></td>
<td>Noon Conference 2:00 – 4:00 Consult Rounds</td>
<td>12:00 – 1:00 Journal Club or Renal Imaging 2:00 – 4:00 Consult Rounds</td>
<td>Noon Conference 2:00 – 4:00 Consult Rounds</td>
<td>2:00 – 4:00 Consult Rounds</td>
<td>Noon Conference 2:00 – 4:00 Consult Rounds</td>
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<td>PM</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME260.04  NEPHROLOGY AND HYPERTENSION

Advanced Clinical Clerkship  Location:  HARBOR  2004–2005  11/21/03

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Joel D. Kopple, M.D.  (310) 222-3891

SUPPORTING FACULTY:  
Drs. S.A. Adler, L. Barba, R. Hirschberg, R. Mehrotra, 
K. Kalantar, O. Kwon

STUDENT COORDINATOR:  PHONE #:  E-MAIL:  krowley@rei.edu
Kathy Rowley  (310) 222-3891

REPORT TO:  Harbor-UCLA Medical Center, Division of 
Nephrology and Hypertension, C1 Annex

PREREQUISITES:  Medicine

AVAILABLE TO EXTERN:  Yes

STUDENTS / PERIOD:  max 3 min 1

DURATION:  3 weeks (4 weeks By Arrangement)

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

DESCRIPTION:  The Division of Nephrology & Hypertension at Harbor-UCLA is responsible for an active consultative service on the 
general medical and other wards of a large and busy county hospital. There are numerous didactic sessions, seminar opportunities, and 
discussion with full-time staff. Students are free to attend any other teaching conferences at Harbor and spend time in the Division 
Research Laboratories.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1.  Fluid and electrolyte problems
2.  Acid-base disorders
3.  Hypertension
4.  Acute glomerulonephritis
5.  Chronic Renal Disclosure
6.  Nephrotic syndrome
7.  Chronic renal failure
8.  Acute renal failure
9.  Chronic renal disease

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  5

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>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>12:00 – 1:00  Medicine Lecture Series  1:00 – 2:30  Neph Grand Rds  3:00 – 5:00  Neph Rounds  5:00 – 6:00  Transplant Rds (opt.)</td>
<td>8:30 – 9:30  Medical Grand Rounds  9:30 – 11:00  Core Curriculum Lecture</td>
<td>8:00 – 12:00  Renal Transplant Clinic</td>
<td>8:30 – 12:00  Nephrology Clinic</td>
<td>7:15 – 8:15  Basic Science Seminar*  10:00 – 12:00  Consult Rounds</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 – 1:00  Medicine Lecture Series  1:00 – 2:30  Neph Grand Rds  3:00 – 5:00  Neph Rounds  5:00 – 6:00  Transplant Rds (opt.)</td>
<td>2:00 – 5:00  Consult Rounds  5:00 – 6:00  Transplant Rounds (optional)</td>
<td>2:00 – 4:00  Consult Rounds  4:30 – 6:00  Journal Club, Renal Pathology, Research Conference</td>
<td>12:00 – 1:00  Morbidity and Mortality Conference  3:00 – 5:00  Consult Rounds</td>
<td>1:00 – 4:00  Hypertension Clinic</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  * Meet at Wadsworth VA for entire combined UCLA. Nephrology 
Program;  + Meet once monthly.
SUPPORTING FACULTY:

COURSE OBJECTIVES (in order of importance)
1. Approach to the diagnosis and management of patients with glomerulonephritis, hypertension, acute and chronic renal failure.
2. Diagnosis and management of fluid-electrolyte and acid-base disturbances.
3. Application of physiologic principles to the understanding of renal pathophysiology.
4. Knowledge of the pharmacology of diuretics and use of antibiotics and other drugs in patients with renal disease.

DESCRIPTION:
Students are on the renal consultation service with responsibilities similar to the interns. They will do renal and hypertension clinics at the VAWMC. The renal consult and clinic experience involves patients with acute and chronic renal failure of diverse etiologies, problems in diagnosis and management of fluid and electrolyte and acid-base disorders. Students participate in ward rounds, presenting new and follow-up patients to the attending physician. Once a week students attend the Renal and Hypertension out-patient clinics and are assigned one to two patients. Weekly conference consists of Renal Grand Rounds held jointly with UCLA-CHS Nephrology, pathophysiology seminar on Nephrology, a research oriented journal club, and Chief's Rounds.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Acute renal failure
2. Chronic renal failure
3. Proteinuria
4. Complications of dialysis therapy
5. Electrolyte disturbances
6. Acid-base disorders
7. Hypertension
8. Glomerulonephritis

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 4
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 6

TYPICAL WEEKLY SCHEDULE

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: It is expected students will learn the approach to the oliguric patient, the work-up of acute & chronic renal failure, and appropriate management of the approach & treatment of hypertension & how to evaluate and manage acid-base & fluid & electrolyte disorders. The student will also have exposure to peritoneal and hemodialysis, as well as Continuous Ambulatory Peritoneal Dialysis (CAPD). The outpatient experience is designed to familiarize the student w/ the longitudinal course of renal disease and offer a more practical approach to diagnosis and management of problems in Nephrology.
COURSE OBJECTIVES (in order of importance)

1. Knowledge of the pathogenesis, natural history, orderly investigation, differential diagnosis, and management of acute and chronic renal disease, acid-base disturbances, and fluid-electrolyte disorders.

2. Knowledge of the medical problems of patients with chronic renal failure.


4. Oral presentations.

5. Library research.

6. Awareness of cost effectiveness in clinical decision making.

7. Gain experience in a consultative role.

DESCRIPTION: This course involves the student in a variety of inpatient and outpatient activities related to this consultation service. The student would learn under the guidance and teaching of attending nephrologists and internal medicine residents. Among the typical learning opportunities are evaluation of acute renal failure, management of chronic renal failure and hemodialysis, evaluation and management of hypertension, and assessment and treatment of fluid and electrolyte disorders.

STUDENT EXPERIENCES

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 80%</th>
<th>CLOSE CONTACT WITH:</th>
<th>OUTPATIENT: 20%</th>
<th>PRIMARY CARE: 75%</th>
<th>CONSULTATION: 25%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Renal failure - chronic</td>
<td></td>
<td>X FULL TIME FACULTY</td>
<td></td>
<td>X RESIDENTS</td>
<td></td>
</tr>
<tr>
<td>2. Renal failure - acute</td>
<td></td>
<td>X CLINICAL FACULTY</td>
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<tr>
<td>3. Hemodialysis and its complications</td>
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<td>X FELLOWS</td>
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<td>4. Acid-base disorders</td>
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<tr>
<td>5. Fluid-electrolyte disorders</td>
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</table>

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 9

TYPICAL WEEKLY SCHEDULE

<table>
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<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>Work Rounds</td>
<td>Work Rounds</td>
<td>Nephrology Core Curriculum</td>
<td>Work Rounds</td>
<td>Work Rounds</td>
</tr>
<tr>
<td>PM</td>
<td>Noon Teaching Conference</td>
<td>Teaching Conference</td>
<td>Teaching Conference Patient Care</td>
<td>Teaching Conference</td>
<td>Grand Rounds</td>
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<tr>
<td></td>
<td>Patient Care</td>
<td>Attending Rounds</td>
<td>Patient Care</td>
<td>Renal Grand Rounds</td>
<td>Attending Rounds</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: No required night call; weekend responsibilities vary.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: By arrangement, a room within the hospital may be available for the entire month’s rotation. St. Mary Medical Center 1050 Linden Avenue, Box 887 Long Beach, CA 90801
### Course Objectives (in order of importance)

1. Acquire knowledge of major renal syndromes.
2. Acquire knowledge of therapeutic modalities available to treat renal disease, including dietary manipulation, dialytic treatment, and renal allotransplantation.
3. Acquire knowledge of methods of diagnosis and work-up of patients with renal disease through logical reasoning.
4. Acquire knowledge of detailed examination of urine and interpretation of findings.
5. Acquire knowledge of various fluid and electrolyte and acid-base derangements and their management.
6. Acquire expertise in writing clear and succinct consultation notes.

### Description

This is a clinically oriented consultation service which provides exposure to a wide variety of renal disease and fluid-electrolyte and acid-base derangements. Students will be expected to see up to five patients per week, work-up each patient, and present and discuss the findings with the renal faculty. For inpatient work-ups and discussions, emphasis will be on problem solving using logical, reasoned thinking rather than mere reciting of irrelevant facts. Laboratory demonstrations will provide exposure to detailed examination of urine.

### Student Experiences

#### Common Problems/Diseases

1. Acute renal failure
2. Chronic renal failure
3. Hypertensive renal disease
4. Nephrotic syndrome
5. Fluid-electrolyte problems
6. Urinary tract infection
7. Toxic nephropathy
8. Stone disease

<table>
<thead>
<tr>
<th>INPATIENT</th>
<th>OUTPATIENT</th>
<th>CONSULTATION</th>
<th>PRIMARY CARE</th>
</tr>
</thead>
<tbody>
<tr>
<td>70%</td>
<td>30%</td>
<td>90%</td>
<td>10%</td>
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</tbody>
</table>

### Close Contact With:

- FULL TIME FACULTY
- CLINICAL FACULTY
- FELLOWS
- RESIDENTS
- INTERNS
- OTHER: Renal Radiologists

### Approximate # of Patients Evaluated Each Week by Student:

- **5**

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

- **13**

### Typical Weekly Schedule

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 – 10:00 Consult Rounds</td>
<td>8:00 – 10:00 Consult Rounds</td>
<td>8:00 – 10:00 Consult Rounds</td>
<td>8:00 – 10:00 Consult Rounds</td>
<td>8:00 – 10:00 Consult Rounds</td>
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<tr>
<td></td>
<td>10:00 – 11:00 Hypertension Clinic</td>
<td>10:00 – 11:00 Mortality Conference</td>
<td>10:00 – 11:00 Renal Clinic</td>
<td>10:00 – 11:00 Hypertension Clinic</td>
<td>10:00 – 11:00 Chief’s Rounds</td>
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<tr>
<td></td>
<td>1:00 – 2:00 Topic Discussion</td>
<td>1:00 – 2:00 Renal Biopsy Conference</td>
<td>1:00 – 2:00 Topic Discussion</td>
<td>1:00 – 2:00 Renal Grand Rounds</td>
<td>1:00 – 2:00 Topic Discussion</td>
</tr>
<tr>
<td></td>
<td>2:00 – 5:30 Attending Rounds and Case Discussions</td>
<td>2:00 – 5:30 Attending Rounds and Case Discussions</td>
<td>2:00 – 5:30 Attending Rounds and Case Discussions</td>
<td>2:00 – 5:00 Attending Rounds and Case Discussions</td>
<td>2:00 – 5:00 Attending Rounds and Case Discussions</td>
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</table>

### On-Call Schedule & Weekend Activities:

### Additional Comments and Other Special Requirements:

Each student is expected to give a high level of performance. At Journal Club, they will be expected to research and lead discussion of the assigned topic. Free meals are provided during rotation at MLK. Students are encouraged to participate in clinical and basic research activities of the Division.
COURSE OBJECTIVES (in order of importance)

1. Diagnosis and management of complex in- and out-patient problems related to acute and chronic renal disease.
2. Experience with patients on chronic hemodialysis and peritoneal dialysis.
4. Interpretation of test involved in the management of kidney disease such as Renal Ultrasound, IVP, Kidney Biopsy, ABG, and Chemistry Panels.
5. Indication and complication of Hemodialysis, Peritoneal Dialysis, and Hemofiltration.
6. Deliver concise oral presentations and be able to formulate consultations in a concise written format.

COURSE CHAIR: Lareef Idroos, M.D.  
PHONE#: (323) 783-4516

SUPPORTING FACULTY:  
Drs. A. Abcar, E. Dudek, S. Rasgon, D. Kujab, C. Reddy,

STUDENT COORDINATOR: Steve Valencia  
PHONE#: (323) 783-4516

REPORT TO: 4733 Sunset Blvd., 3rd floor at 8:30 a.m. Then to Nephrology Dept. 4700 Sunset, 2nd Floor

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: The Nephrology Service welcomes students to its clerkship program. We see patients with a wide variety of acute and chronic renal diseases. The students’ responsibilities will include seeing in- and outpatient consultations and follow-up care with renal fellows and staff physicians, participation in informal conferences, teaching rounds, work rounds, and seminars. The option to attend other subspecialty conferences will be part of the student’s experience.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Acute renal failure
2. Chronic renal failure
3. Hemodialysis problems
4. Peritoneal dialysis problems
5. Hypertension
6. Proteinuria
7. Fluid and electrolyte imbalance
8. Acid/base imbalance

INPATIENT: 80%  
OUTPATIENT: 20%  
CONSULTATION: 70%  
PRIMARY CARE: 30%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Hemodialysis, Ancillary staff

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3 – 12

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

TYPICAL WEEKLY SCHEDULE

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<tr>
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<th>Tuesday</th>
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</thead>
</table>
| 8:00 – 8:30 AM | Morning Report  
Attending Rounds  
Renal Grand Rounds | Morning Report  
Attending Rounds  
Patient Care Conference | Morning Report  
Attending Rounds  
Renal Journal Club or Dialysis Conference | Morning Report  
Attending Rounds  
Consultation Rounds | Morning Report  
Attending Rounds  
Sign-Out Rounds |
| 11:00 – 12:00 | Consultation and Work Rounds  
Renal Journal Club & Patient Problem Conference | Consultation and Work Rounds  
Consultation and Work Rounds | Consultation and Work Rounds  
Urology Grand Rounds  
Transplant Clinic (Optional) | Renal OP Clinic  
Consultation and Work Rounds | Kidney Stone Clinic (optional) |
| 1:30 – 2:00 PM | 5:00 |  | | |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: All students receive free parking while on rotation.
ME270.01  PULMONARY MEDICINE

Advanced Clinical Clerkship  Location:  CS  2004–2005  12/9/03

COURSE CHAIR:  PHONE #:
Zab Mosenifar, M.D.  (310) 423-1835

SUPPORTING FACULTY:
Dr. Michael Lewis

STUDENT COORDINATOR:  PHONE #:
Judy Jacobs  (310) 423-4658
E-MAIL: judith.jacobs@cshs.org  FAX: (310) 423-5200

REPORT TO:  Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 a.m.

PREREQUISITES:  Medicine

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: During this clerkship, students will be introduced to advanced pulmonary physiology. They will learn the basic management of pulmonary disorders as well as the pathophysiology of different disorders.

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis and management of COPD, lung cancer, pulmonary embolism, pneumonia, and dyspnea.
3. Interpretation of pulmonary function tests, exercise studies, and arterial blood gases.
4. Reading x-rays.
5. Basic science foundation of pathophysiologic mechanisms.
6. Diagnosis and management of complex inpatient problems.
7. Library research and interpretation of literature.
8. Oral presentations of clinical cases.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Chronic bronchitis and/or emphysema
2. Pneumonia
3. Lung cancer
4. Asthma
5. Infection in the immunocomprised host
6. Unexplained dyspnea
7. Interstitial lung disease
8. Respiratory insufficiency
9. Transplantation medicine

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT:  5

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  11

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:00 – 9:00</td>
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<tr>
<td></td>
<td>Physiology Conference</td>
<td>Clinical Case Presentation</td>
<td>Pulmonary Grand Rounds</td>
<td>Pulmonary Med/Surg Conference</td>
<td>Medical Grand Rounds</td>
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<td></td>
<td>10:00 – 12:00 Attending Rounds</td>
<td>10:00 – 12:00 Attending Rounds</td>
<td>9:00 – 11:00 Pulmonary Clinic</td>
<td>10:00 – 12:00 Attending Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 – 1:00</td>
<td>1:00 – 2:00</td>
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<td>1:00 – 2:00</td>
<td>1:30 – 2:30</td>
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<tr>
<td></td>
<td>Journal Club</td>
<td>Critical Care Series</td>
<td>Radiology Conference</td>
<td>Pathology Conference</td>
<td>Pulmonary Function Tutorial</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME270.04  PULMONARY AND CRITICAL CARE

Advanced Clinical Clerkship  Location: S.BARBARA  2004–2005
11/25/03

COURSE CHAIR:  PHONE #:
Robert S. Wright, M.D.  (805) 681-7630

SUPPORTING FACULTY:
Myron I. Liebhaber, M.D., Harry Flaster, M.D.

STUDENT COORDINATOR:  PHONE #:
Lynda Vent  (805) 569-7315
E-MAIL: lvvent@sbch.org

REPORT TO:  Dr. Robert Wright, MICU, Santa Barbara Cottage Hospital, 8:00am on first day.

PREREQUISITES:
Medicine and Surgery

AVAILABLE TO EXTERNS:  No

STUDENTS / PERIOD:  max 1 min 1

DURATION:  2 weeks – 3 weeks (on request)

2004–2005 ROTATIONS BEGIN WEEKS:
2,4,6,8,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40,42,44,46,48

COURSE OBJECTIVES (in order of importance)
1. Approach to patient with life-threatening problems such as sepsis, acute respiratory failure, and ARDS.
2. Understanding of the pathophysiology of multisystem organ failure, sepsis, ARDS.
3. Indications for hemodynamic monitoring.
4. Management of Asthma and COPD.
5. Working knowledge of pulmonary function testing and exercise testing.
6. Approach to patient with pneumonia.
8. Indications and complication of bronchoscopy.
10. Introduction to ethical issues regarding life-support technology.
11. Delivery of succinct, well-written, and dictated consultation notes.

DESCRIPTION:
The student rounds and sees patients with the preceptor. Mornings are spent in a hospital setting with a 20-bed intensive care unit. The student will work-up patients and perform procedures depending on level of skill and at the discretion of the attending physician. Inpatients seen generally have respiratory failure, sepsis, and/or COPD. Afternoons are spent in an outpatient clinic setting.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. COPD
2. Acute respiratory failure
3. Asthma
4. Lung masses and nodules
5. Pneumonia
6. Chronic cough
7. Chest pain
8. Dyspnea

INPATIENT: 60%
OUTPATIENT: 40%
CONSULTATION: 60%
PRIMARY CARE: 40%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 10
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 50

TYPICAL WEEKLY SCHEDULE

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<td>Medical Lecture</td>
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<tr>
<td>PM</td>
<td>Outpatient Clinic</td>
<td>Outpatient Clinic</td>
<td>Outpatient Clinic</td>
<td>Outpatient Clinic</td>
<td>Independent Study</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Santa Barbara Cottage Hospital is a USC affiliated hospital with a residency program in Internal Medicine, Surgery, and Radiology. *Free housing offered but must be arranged in advance.
*Students must get approval from course chairman in advance.
Advanced Clinical Clerkship Location: HARBOR 2004–2005 12/12/03

COURSE CHAIR: PHONE #:
Gregory M. Mason, M.D. (310) 222-2413

COURSE OBJECTIVES (in order of importance)
1. Integration of pulmonary physiology, radiology, and clinical decision making.
2. Understanding of the approach to the patient with acute or chronic dyspnea and acute and chronic respiratory failure.
3. Understanding of bronchoscopic and pathologic features in neoplastic and interstitial lung disease.
4. Diagnosis and management of suspected lung infection.
5. Evaluation of sleep apnea.

SUPPORTING FACULTY:
Respiratory Division Faculty

STUDENT COORDINATOR: PHONE #:
Louella Urasaki (310) 222-2413

REPORT TO: Louella Urasaki, Main Building Hospital Basement (B-255), 8:30 a.m.

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 1 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 is structured around a busy consultation service, which is staffed by two pulmonary fellows, a medical resident, and an attending. The integration of medical, surgical, radiologic, pathologic, and physiologic features of lung disease is stressed at a weekly interdisciplinary Chest Conference staffed by faculty from these disciplines. The TB Conference addresses practical and theoretic issues in the current management of TB, MDR-TB with and without HIV infection.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Dyspnea evaluation
2. The problem asthmatic
3. Approach to pneumonia
4. Fever and HIV infection
5. Management of hemoptysis
6. Post-operative complication
7. Adult respiratory distress syndrome
8. Tuberculosis/lung cancer

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 13 – 15

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>12:15 – 1:00 Physiology Conference (PFT, etc.)&lt;br&gt;12:15 – 1:00 Chest X-Ray Conference (3rd Tues./Month)</td>
<td>8:30 – 9:30 Medical Grand Rounds</td>
<td>11:30 – 1:00 Medical Chest Conference&lt;br&gt;11:30 – 1:00 Chest/Infectious Disease Conference (1st Wed./Month)</td>
<td>11:00 – 12:00 Consult Rounds</td>
<td>1:00 – 2:30 Consult Rounds&lt;br&gt;12:00 – 1:00 Medical Management Conference&lt;br&gt;1:00 – 5:00 Chest Clinic</td>
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<tr>
<td>PM</td>
<td>1:00 – 3:00 Consult Rounds&lt;br&gt;4:00 – 5:00 Special Lecture Series</td>
<td>1:00 – 2:00 TB Conference&lt;br&gt;2:00 – 3:00 Consult Rounds&lt;br&gt;4:00 – 5:30 Interdisciplinary Chest Conference</td>
<td>1:00 – 2:00 Consult Rounds</td>
<td>12:00 – 1:00 Medical Management Conference&lt;br&gt;1:00 – 5:00 Chest Clinic</td>
<td>1:00 – 2:30 Consult Rounds&lt;br&gt;3:00 – 4:00 Respiratory Physiology Discussion</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME270.06  ADVANCED CLINICAL CLERKSHIP IN PULMONARY DISEASES

Advanced Clinical Clerkship  Location: CS  2004–2005  12/4/03

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Robert N. Wolfe, M.D.  (310) 657-3792

SUPPORTING FACULTY:  None

STUDENT COORDINATOR:  PHONE #:  
Robert N. Wolfe, M.D.  (310) 657-3792

REPORT TO:  Dr. Wolfe, 8635 W. 3rd Street, #475W, Los Angeles, at 7:00 a.m.

PREREQUISITES:  Medicine, Surgery, and Radiology

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 1 min 1

DURATION:  2 weeks

2004–2005 ROTATIONS BEGIN WEEKS:  By Arrangement

DESCRIPTION:  The student will work one-on-one with a busy pulmonary-critical specialist whose practice is divided between a large teaching hospital (Cedars-Sinai) and a private office setting. The student will be exposed to the entire spectrum of pulmonary diseases and critical care problems. There will be emphasis on performing histories and physicals as well as developing differential diagnoses and appropriate diagnostic and therapeutic plans. The student can participate in invasive procedures such as fiberoptic bronchoscopy, endotracheal intubation and thorocentesis. The student will learn how to interact with patients and families frequently in serious, life-threatening situations. The student will be expected to do in-depth reading about the patients he/she sees and review various other topics such as pulmonary physiology.

COURSE OBJECTIVES (in order of importance)
1. Knowledge of pulmonary diseases including asthma, COPD, interstitial disease, pulmonary vascular disease, and sleep disorders.
2. Knowledge of critical care diseases including respiratory failure, sepsis, fluid and electrolyte abnormalities.
3. Basic pulmonary physiology.
4. Interpretation of pulmonary function tests and arterial blood gases.
5. Reading of chest x-rays, chest CT scans, and nuclear chest scans.
6. Participate in invasive pulmonary procedures, including fiberoptic bronchoscopy, thorocentesis, endotracheal intubation, arterial catheterization.
7. Improve history and physical examination.
8. Medical record keeping, including writing consultations and progress notes.
9. Developing appropriate differential diagnosis plus diagnostic therapeutic plans.
10. Learning to interact with patients and their families when there are serious life threatening diseases.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Asthma
2. COPD
3. Interstitial lung disease
4. Evaluation of cough
5. Evaluation of dyspnea
6. Eval. of solitary pulmonary nodules & infiltration
7. Pleural effusion
8. Respiratory failure

INPATIENT:  50%
OUTPATIENT:  50%
CONSULTATION:  100%
PRIMARY CARE:  0%
CLOSE CONTACT WITH:
FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT:  25

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  38 – 50

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>7:00 – 11:00 Hospital Rounds &amp; Procedures (e.g., bronchoscopy, thorocentesis)</td>
<td>7:00 – 11:00 Hospital Rounds &amp; Procedures (e.g., bronchoscopy, thorocentesis)</td>
<td>7:00 – 11:00 Hospital Rounds &amp; Procedures (e.g., bronchoscopy, thorocentesis)</td>
<td>7:00 – 11:00 Hospital Rounds &amp; Procedures (e.g., bronchoscopy, thorocentesis)</td>
<td>7:00 – 11:00 Hospital Rounds &amp; Procedures (e.g., bronchoscopy, thorocentesis)</td>
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<td>11:00 – 5:00 Office</td>
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<td>5:00 – 8:00 Hospital Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

175
ME275.01  RHEUMATIC DISEASES

Advanced Clinical Clerkship                     Location:  CS                      2004–2005
11/25/03

COURSE CHAIR:  Michael H. Weisman, M.D., F.A.C.P.         PHONE #: (310) 423-2170

SUPPORTING FACULTY:  Attending and Full-Time Staff - Division of Rheumatology

STUDENT COORDINATOR:  Judy Jacobs          PHONE #: (310) 423-4658
E-MAIL: judith.jacobs@cshs.org  FAX: (310) 423-5200

REPORT TO: Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 a.m.

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 1 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)
1. Knowledge of the pathogenesis, natural history, differential diagnosis, orderly investigation, and management of certain disease processes as listed under “major problems” below.
2. Clinical skills, medical interviewing, and physical examination, particularly joint examination technique.
3. Medical decision making, analysis of medical data, and synthesis of information.
4. Diagnosis and management of complex inpatient problems.
5. Interpretation of rheumatological and immunological tests.
6. Oral presentation of clinical cases.
7. The knowledge of the pharmacology and clinical uses of non-steroidal anti-inflammatory drugs, gold, anti-TNF agents, methotrexate, anti-malarials, immunosuppressives (cytoxan, immuran), corticosteroids, and uricosuric agents.
8. Medical record keeping (e.g., data collection and recording appropriate format for writing consultations).
9. The techniques of joint and soft tissue injections; special skills such as the reading of x-ray joints; crystal examination using polarizing microscope; examination of joint fluid and the aspiration of joint effusions.

DESCRIPTION: The student will learn the techniques of joint examination, clinical features, diagnosis, and management of rheumatic diseases. Teaching includes direct patient contact through inpatient consultations, the ambulatory clinics, and the rehabilitation service. Radiologic and immunologic aspects of rheumatic diseases will be emphasized.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Rheumatoid arthritis
2. SLE
3. Systemic vasculitis
4. Other collagen vascular diseases
5. Osteoarthritis
6. Crystal-induced arthritis
7. Rheumatoid variants
8. Septic arthritis

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 3

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 23

TYPICAL WEEKLY SCHEDULE

<table>
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<td>Attending Rounds</td>
<td>UCLA-VA Clinic</td>
<td>Alt. X-Ray Conf. or Rheum. Conf.</td>
<td>Attending Rounds</td>
<td>Medical Grand Rounds</td>
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<td>Chief Rheum.</td>
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<td>CSMC Clinic</td>
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<td>UCLA Clinic/ Conference</td>
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<td>Rounds— Dr. Weisman</td>
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<tr>
<td></td>
<td>Inpatient Rounds</td>
<td>UCLA Harbor Clinic</td>
<td>Inpatient Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

1. Knowledge of common rheumatic and immune diseases, including rheumatoid arthritis, osteoarthritis, systemic lupus erythematosus, scleroderma, and gout.
2. Improved abilities in history taking and physical examination for rheumatic complaints.
3. Maturing medical judgment, analysis of data obtained from interpretation of serologic studies, joint fluid analysis with polarizing microscopy, and interpretation of x-rays of bones and joints.
4. Knowledge of drugs, including anti-inflammatory, steroidal immunosuppressive, and biologic agents.
5. Experience with ambulatory care of chronic musculoskeletal diseases.
6. Review American College of Rheumatology teaching materials – Independent study
   a) clinical slide collection
   b) High Impact Rheumatology for primary care physicians
   c) up to date in rheumatology CD-ROMS

DESCRIPTION: Students evaluate and follow one to three inpatients for presentation to the attending staff during consultation rounds two times a week. During patient clinics, students evaluate the full spectrum of common and uncommon rheumatic diseases and present to the staff, 6 – 12 patients per week. Supervision and small-group teaching is provided by medical residents, subspecialty fellows, and the staff. Conferences and lectures in rheumatology, orthopaedics, allergy and radiology complete the program.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Rheumatoid Arthritis
2. Systemic Lupus Erythematosus
3. Osteoarthritis
4. Crystalline induced arthritis
5. Spondyloarthropathy
6. Infectious Arthritis
7. Vasculitis
8. Soft tissue pain

INPATIENT: 20%
OUTPATIENT: 80%
CONSULTATION: 25%
PRIMARY CARE: 75%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 88

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>8:30 – 9:30 Rheumatology Journal Club</td>
<td>8:30 – 10:00 Medical Grand Rounds</td>
<td>8:00 – 9:00 Orthopaedic Conference</td>
<td>8:00 – 12:00 Lupus/RA Clinic</td>
<td>9:00 – 11:00 Consults</td>
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<td></td>
<td>9:30 – 10:30 Faculty Lecture</td>
<td>10:00 – 12:00 Rheumatology Attending Rounds</td>
<td>11:00 – 12:00 Radiology Conference (Dr. D. Forrester)</td>
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<td>PM</td>
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<td></td>
<td>Consults Rheumatology Journal Club at UCLA</td>
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<td>Consults Independent Study</td>
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<td></td>
<td>Consults Rheumatology Slide Collection</td>
<td>1:00 – 6:00 General Arthritis Clinic</td>
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<td></td>
<td>Rheumatology Attending Rounds Independent Study</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

INDEPENDENT STUDIES:
1. Defining project with Dr. Liebling/Karpouzas 3 weeks prior
2. Writing case report/ chart reviews during elective
COURSE CHAIR: Bevra H. Hahn, M.D.  
PHONE #: (310) 825-7991

SUPPORTING FACULTY: Rheumatology Faculty and Fellows

STUDENT COORDINATOR: Weiling Chen  
PHONE #: (310) 825-7992  
E-MAIL: wchen@mednet.ucla.edu

REPORT TO: Rheumatology Office, 32-59 Rehabilitation Center, 167022

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 or 6 weeks

2004–2005 ROTATIONS BEGIN WEEKS: By Arrangement

DESCRIPTION: Students will be taught methods of rheumatologic diagnosis and treatment in both inpatient and outpatient settings, utilizing patients of the Division of Rheumatology in the UCLA Hospital wards, clinics and DMPG. Education in the role of genetics and the immune system in autoimmunity is offered in four weekly conferences.

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis, and management of autoimmune collagen diseases and arthritis.
2. The knowledge of the pharmacology of aspirin, non-steroidal anti-inflammatory drugs, gold, penicillamine and corticosteroids, cytotoxics, and new biologic agents.
3. Medical interviewing and physical examination of muscles, joints and all rheumatic disease manifestations (skin, neurologic, etc.).
4. Analysis of medical data and synthesis of information regarding autoimmune and rheumatic diseases, including both simple and complex diagnostic problems.
5. Interpretation of serologic studies for SLE, RA, etc.
7. Written and dictated rheumatology consultations.
8. Procedures such as: joint aspiration and injection.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. RA
2. SLE/vasculitis
3. Osteoarthritis
4. Dermatomyositis/scleroderma
5. Gout
6. Reiter's syndrome
7. Psoriatic arthritis
8. Osteoporosis

INPATIENT: 30%  
OUTPATIENT: 70%  
CONSULTATION: 50%  
PRIMARY CARE: 50%

CLOSE CONTACT WITH:
X FULL TIME FACULTY  
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: 75

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
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</table>
| AM   | 8:00 – 9:00 Basic Science Journal Club  
Rheumatology Clinic  
200 Medical Plaza | Inpatient Evaluations Attending Rounds | Medical Grand Rounds  
8:30 – 9:30 Rheumatology Clinic | Inpatient Evaluations or Rheumatology Clinic | Rheumatology Inpatient Rounds  
11:00 – 12:00  
Rheumatology Grand Rounds |
|      | Immunology Forum Didactic Review  
Attending Rounds | Independent Study or Rheumatology Clinic | Attending Rounds  
4:00 – 5:00 Clinical Journal Club/Research Conference | Didactic Review  
Attending Rounds  
Independent Study or Rheumatology Clinic | 12:00 – 1:00  
Health Services Research Conference  
1:00 – 5:00  
Rheumatology Clinic |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

178
ME282.01 NUCLEAR MEDICINE

Advanced Clinical Clerkship  Location: WVA  2004–2005

11/25/03

COURSE CHAIR:  PHONE #:
Marvin B. Cohen, M.D. (310) 268-3583

SUPPORTING FACULTY:
R. Lake, M.D., L.S., Graham, Ph.D., L. Yamada, Pharm D.

STUDENT COORDINATOR:  PHONE #:
Marvin B. Cohen, M.D. (310) 268-3583

REPORT TO:
West LA, Bldg. 500, Basement Room 0061

PREREQUISITES:  Medicine

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 2 min 1

DURATION:  3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
5, 8, 11, 15, 22, 27, 30, 36, 42, 45, 48

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the component parts and basic principles of Nuclear Medicine with emphasis on diagnostic clinical applications by planar, SPECT and PET imaging.
2. Clinical interpretation of imaging studies including brain, thyroid, lung, heart, liver, gallbladder, spleen, kidney, clot localization, abscess, and tumor detection and staging.
4. Basic physics of radiation, scintillation counting, and imaging plus recent developments in instrumentation.
5. Principles of radioimmunoassay including sensitivity, specificity, dose response curve and clinical applications.
7. Principles of computers, programming, and clinical applications with emphasis on cardiovascular Nuclear Medicine.

DESCRIPTION: This elective provides an excellent opportunity to learn the principle and clinical applications of this multidisciplinary field. Observation of all aspects of Nuclear Medicine, attendance at departmental and interdepartmental clinics and conferences, hands-on experience with imaging equipment and computers.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Tumor detection
2. Coronary Artery Disease
3. Pulmonary Emboli
4. Thyroid Disease
5. Ventricular - Function
6. Biliary Disease
7. Abscess Detection
8. Osteomyelitis

INPATIENT:  28%
OUTPATIENT:  72%
CONSULTATION:  100%
PRIMARY CARE:  0%

CLOSE CONTACT WITH:
X  FULL TIME FACULTY
X  CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
X  OTHER Physicist, Radiopharmacist, Radiation Safety Officer, Chief Technologist

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  35

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  70

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>9:00 – 10:00 Rounds with Radiation Safety Officer</td>
<td>8:30 – 10:00 Radiopharmacy</td>
<td>9:00 – 10:00 Nuclear Medicine Clinic</td>
<td>8:30 – 12:00 PET</td>
<td>9:00 – 10:00 Computer Lab</td>
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<td>10:00 – 12:00 Nuclear Medical Clinic</td>
<td>10:00 – 12:00 Nuclear Medicine Clinic</td>
<td>10:00 – 12:00 Nuclear Medicine Clinic</td>
<td>10:00 – 12:00 Nuclear Medicine Clinic</td>
<td>10:00 – 11:00 Radiopharmacy Lecture</td>
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<td>11:00 – 12:00 Nuclear Medical Clinic</td>
<td>11:00 – 12:00 Nuclear Medical Clinic</td>
<td>11:00 – 12:00 Nuclear Medical Clinic</td>
<td>11:00 – 12:00 Nuclear Medical Clinic</td>
<td>11:00 – 12:00 Nuclear Medical Clinic</td>
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<tr>
<td>PM</td>
<td>1:00 – 2:00 Radiation Safety Lecture</td>
<td>1:00 – 2:00 Clinical Lecture</td>
<td>1:00 – 2:00 Computer Application Lecture</td>
<td>1:00 – 2:00 Clinical Lecture</td>
<td>1:00 – 2:00 Clinical Lecture</td>
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<td></td>
<td>2:00 – 4:00 Nuclear Medicine Clinic</td>
<td>2:00 – 4:00 Nuclear Medicine Clinic</td>
<td>2:00 – 4:00 Nuclear Medicine Clinic</td>
<td>2:00 – 5:00 PET</td>
<td>2:00 – 4:00 Nuclear Medicine Clinic</td>
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<td>4:00 – 5:00 Imaging Interpretation and Dictation of Studies</td>
<td>4:00 – 5:00 Imaging Interpretation and Dictation of Studies</td>
<td>4:00 – 5:00 Imaging Interpretation</td>
<td>4:00 – 5:00 Imaging Interpretation</td>
<td>4:00 – 5:00 Imaging Interpretation and Dictation of Studies</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Clerkship includes multiple special lectures to give the student a comprehensive overview of Nuclear Medicine.
ME298.01  COMPREHENSIVE PAIN MANAGEMENT

Advanced Clinical Clerkship

Location: WVA  2004–2005

3/18/03

INPATIENT: 15%

OUTPATIENT: 85%

CONSULTATION: 15%

PRIMARY CARE: 100%

COURSE CHAIR:
Quynh Pham, M.D.
PHONE #: (310) 268-3342

SUPPORTING FACULTY:

STUDENT COORDINATOR:
Michele Murray
PHONE #: (310) 478-3711 x48322
Beatrice Blake
PHONE #: (310) 478-3711 x48315

REPORT TO: Bldg 500, Room 1463

PREREQUISITES: Medicine

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

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

DESCRIPTION: The comprehensive pain program consists of a Multidisciplinary Staff. Specialties involved include Anesthesia, Medicine, Physical Medicine & Rehab, Psychology, Psychiatry, Nursing, and Physical therapy. Students will have an opportunity to participate in evaluation of chronic, acute pain, and cancer patients under the supervision of a multidisciplinary team. This includes medication management, psychological testing (MMPI), biofeedback, injections and development of a comprehensive pain management plan. Students will also have an opportunity to observe or perform interventional pain procedures such as nerve blocks, joint, muscle, and tendon injections under direct supervision. Students will also attend scheduled lectures gear toward pain and musculoskeletal management. Optional experience with electromyogram (EMG) is also provided.

COURSE OBJECTIVES (in order of importance)
1. The adoption of a management as opposed to curative approach to chronic pain patients.
2. Learn brief psychological assessment for patients with pain, including substance abuse potential and depression.
3. Learn appropriate pharmacotherapy for chronic and acute pain.
4. Gain an understanding of interventional approaches to pain.
5. Learn a musculoskeletal exam for chronic pain.

COURSE OBJECTIVES (in order of importance)

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Spine pain
2. Neuropathic pain
3. Fibromyalgia/myofacial pain
4. Psychological issues related to pain
5. Headaches
6. Musculoskeletal pain
7. Post-surgical pain
8. Cancer pain

STUDENT EXPERIENCES

INPATIENT: 15%

OUTPATIENT: 85%

CONSULTATION: 15%

PRIMARY CARE: 100%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 8

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

TYPICAL WEEKLY SCHEDULE

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<tr>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 – 9:00 Lecture</td>
<td>8:00 – 9:00 Lecture</td>
<td>8:30 – 12:00 Chronic Pain Clinic (Women's Clinic Room 1000)</td>
<td>8:00 – 9:00 Lecture</td>
<td>8:00 – 9:00 Lecture</td>
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<td></td>
<td>Blocks</td>
<td>9:00 – 12:00 Inpatient Consults</td>
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<td>9:00 – 12:00 Block (5west)</td>
<td>9:00 – 12:00 Pain Block Clinic</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 4:30 Blocks (Anesthesia 5West)</td>
<td>1:00 – 4:30 Musculoskeletal Lecture Series</td>
<td>1:00 – 4:30 Chronic Pain Clinic (Women's Clinic Room 1000)</td>
<td>1:00 – 4:30 Chronic Pain Clinic (Women's Clinic Room 1000)</td>
<td>1:00 – 4:30 Chronic Pain Clinic (Women's Clinic Room 1000)</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME325.01 COMPREHENSIVE MANAGEMENT IN ENDOCRINOLOGY AND METABOLISM

Subinternship Location: KDMC 2004–2005 12/19/03

COURSE CHAIR:  
Theodore Friedman, M.D. Ph.D.  
PHONE #: (323) 563-9553

COURSE OBJECTIVES (in order of importance)
1. Pathophysiological basis of endocrine disorders
2. Medical judgment, analysis of medical data based on evidence, and synthesis of information
3. Interpretation of tests in endocrinology
4. Knowledge of endocrine drugs
5. Diagnosis and management of complex endocrine problems
6. Algorithmic approach to the work-up of endocrine patients

SUPPORTING FACULTY:  
Drs. M. Davidson, D. Echeverry, T. Friedman, S. Hsai, B. Salehian, S. Bhasin, K. Herbst, A. Singh 
Endocrinology/Medicine; B. Suh, Reproductive Endocrinology; R. Christianson, Pediatric Endocrinology; R. Harris, Obstetrics.

COURSE OBJECTIVES (in order of importance)
1. Pathophysiological basis of endocrine disorders
2. Medical judgment, analysis of medical data based on evidence, and synthesis of information
3. Interpretation of tests in endocrinology
4. Knowledge of endocrine drugs
5. Diagnosis and management of complex endocrine problems
6. Algorithmic approach to the work-up of endocrine patients

STUDENT COORDINATOR:  
Mae Galimore  
PHONE #: (310) 668-7429

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Hyperthyroidism
2. Hypothyroidism
3. Hypercalcemia
4. Diabetes
5. Adrenal Insufficiency
6. Cushing's Syndrome
7. Pituitary Tumors
8. Male and Female Reproductive Problems

COURSE OBJECTIVES (in order of importance)
1. Pathophysiological basis of endocrine disorders
2. Medical judgment, analysis of medical data based on evidence, and synthesis of information
3. Interpretation of tests in endocrinology
4. Knowledge of endocrine drugs
5. Diagnosis and management of complex endocrine problems
6. Algorithmic approach to the work-up of endocrine patients

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Hyperthyroidism
2. Hypothyroidism
3. Hypercalcemia
4. Diabetes
5. Adrenal Insufficiency
6. Cushing's Syndrome
7. Pituitary Tumors
8. Male and Female Reproductive Problems

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXTERNALS: No

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 – 6 weeks

2004–2005 ROTATIONS BEGIN WEEKS: By Arrangement

DESCRIPTION: The elective provides a comprehensive inpatient and ambulatory experience and training in the pathophysiology and management of clinical disorders in Endocrinology, Metabolism, and Molecular Medicine. The course provides opportunities for inpatient consultation and management of ambulatory patients in Endocrinology and Diabetes Clinics. There is substantial emphasis on basic science, molecular genetics, and pathophysiology. The students attend five half-day clinics (Adult Endocrinology, Pediatric Endocrinology, Reproductive Endocrinology, Diabetes, Thyroid Biopsy and Gestational Diabetes) and 4–5 regularly scheduled weekly conferences. King/Drew Medical Center offers the student a unique opportunity to see and participate in the management of the most interesting and diverse cases of Endocrinology in Los Angeles. This is due to our county population and absence of private Attendings.

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 8

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 38 – 50

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
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<tr>
<td></td>
<td>Endocrine Research Conference</td>
<td>Diabetes Clinic</td>
<td>Endocrinology Clinic Conference</td>
<td>Consultation Rds with attending and fellow</td>
<td>Reproductive Clinic attend 2nd and 4th Fridays</td>
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<td>9:30</td>
<td>11:00</td>
<td>9:30</td>
<td>10:00</td>
<td>The first and 3rd Friday of the month is FNA Clinic</td>
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<tr>
<td></td>
<td>High Risk OB Clinic</td>
<td>Medical Grand Rounds</td>
<td>Consultation Rds with attending and fellow</td>
<td>Adult Endocrinology Clinics (mandatory)</td>
<td>12:30</td>
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<td>10:00</td>
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<td></td>
<td>1:00</td>
<td>Endocrine Journal Club</td>
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<td></td>
<td>Attending Rounds</td>
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<td>1:00</td>
<td>4:30</td>
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<td>PM</td>
<td>12:30</td>
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<td>1:30</td>
<td>3:00</td>
<td>12:30</td>
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<tr>
<td></td>
<td>Consultations Evaluations</td>
<td>Consultations Evaluations</td>
<td>Pediatric Endocrinology Clinic</td>
<td>Daily Reading</td>
<td>Endocrine Journal Club</td>
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<td>2:00</td>
<td>2:00</td>
<td>4:30</td>
<td>5:00</td>
<td>4:30</td>
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<tr>
<td></td>
<td>Consultation Rds w/attending and fellow</td>
<td>Consultation Rds w/attending and fellow</td>
<td>Daily Reading</td>
<td>Daily Reading</td>
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<tr>
<td></td>
<td>Daily Reading</td>
<td>Daily Reading</td>
<td>3:30 Daily Reading</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: In one month, we see patients with DAX-1 deficiency, pseudo-hypoparathyroidism, Cushing’s disease, and primary hyperaldosteronism. We have a strong faculty eager to teach students. King Drew Medical Center is perfectly safe, right off the 110 and 105 freeways and has free convenient parking. It will be a fantastic experience. For more information about the clerkship, visit our website at http://www.cdrewu.edu/com2002/curriculum/clerkship4imSyllabus.asp#endocrinology.
ME330.02  HEPATOLOGY AND LIVER TRANSPLANTATION

2004–2005
12/19/03

Subinternship Location: CS

COURSE CHAIR: John M. Vierling, M.D. PHONE #: (310) 423-2641

SUPPORTING FACULTY: Tram Tran, M.D., Paul Martin, M.D., F. Fred Poordad, M.D.

STUDENT COORDINATOR: Judy Jacobs PHONE #: (310) 423-4658 E-MAIL: judith.jacobs@cshs.org FAX: (310) 423-5200

REPORT TO: Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 a.m.

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 2–3 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)
1. Increase knowledge of various hepatological diseases such as viral hepatitis, alcoholic liver disease, auto immune hepatitis, cholestatic liver disease, and hepatic failure
2. Evaluation of patients for liver transplantation
3. Complete history and physical examination in patients with liver disease
4. Basic science knowledge pertaining to hepatobiliary pathophysiology
5. Interpretation of liver tests in the serum
6. Procedures: Paracentesis, liver biopsy
7. Ability to do literature searches on topics re patient care
8. Pathological interpretation of liver biopsies
9. Radiological interpretation of the liver with ultrasound, CT scan, MRI, and ERCP
10. Medical record keeping (data collection, recording, and consultations).

DESCRIPTION: The hepatology and liver transplantation programs at CSMC are consultative services for the entire hospital. We evaluate a wide range of liver diseases and determine which patients require liver transplantation. Emphasis will be on history and physical examination with subsequent differential diagnosis and treatment. We have an extensive library and filing system for all hepatology subjects.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Jaundice
2. Abnormal liver tests
3. Mass in the liver
4. Viral hepatitis
5. Toxin-induced liver disease
6. Alcoholic liver disease
7. Fulminant hepatic failure
8. Cholestatic liver disease

INPATIENT: 50%
OUTPATIENT: 50%
CONSULTATION: 70%
PRIMARY CARE: 30%
CLOSE CONTACT WITH:

X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 3 – 4
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 10 – 13

TYPICAL WEEKLY SCHEDULE

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<tr>
<th>Hour</th>
<th>Monday*</th>
<th>Tuesday*</th>
<th>Wednesday*</th>
<th>Thursday*</th>
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<tbody>
<tr>
<td></td>
<td>9:00 – 12:00 Hepatology Clinic</td>
<td>9:00 – 12:00 Liver Transplant Clinic</td>
<td>10:00 – 1:00 Pre-Liver Transplant Clinic</td>
<td>8:30 Medicine Grand Rounds</td>
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<tr>
<td></td>
<td>Hepatology Ethics Clinic</td>
<td>10:30 Hepatopathology</td>
<td>11:00 Hepatology Rounds</td>
<td>11:00 Rounds with Liver Transplant Team</td>
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<tr>
<td>AM</td>
<td>12:00 – 1:00 Liver Seminar</td>
<td>2:00 Rounds with Liver Transplant Team</td>
<td>2:00 Rounds with Liver Transplant Team</td>
<td>4:00 Patient Selection Committee</td>
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<tr>
<td></td>
<td>2:00 Rounds with Liver Transplant Team</td>
<td>1:00 – 5:00 Hepatology Clinic</td>
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<tr>
<td>PM</td>
<td>12:00 – 1:00 Journal Club</td>
<td>2:00</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Optional participation for weekend rounds, emergency admissions and Pathology Conference.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: While on the hepatology rotation, the student will be under the supervision of the Hepatology fellow. The student will present his cases to the full-time staff, fellows, and residents. The student will be expected to follow the patients and participate in the diagnostic and therapeutic plans regarding their patients. * Ward consults and teaching goes on throughout the day. Additional rounds are done "p.m."

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STUDENT COORDINATOR: PHONE #:
Pritam Badesha, M.D. (661) 632-1801
E-MAIL: pritam.badesha2@med.va.gov

SUPPORTING FACULTY:
Jose A. Perez, Jr., M.D.
Program Director

REPORT TO: Dr. Badesha, VA Greater LA HS, Bakersfield Amb.
Care Center, Rm. 803, 9:00 a.m. first day

PREREQUISITES: Medicine, Surgery

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

DESCRIPTION: This is designed to allow students maximum flexibility in developing a course that will teach the functioning of a general internist in the real world. Any combination of experiences is available: ambulatory care at satellite clinic or county hospital and inpatient care at a county hospital. The Course Chair will work with each student individually to develop a program to meet the student’s needs.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Preventative medicine & health maintenance
2. Acute & chronic heart disease
3. Diabetes
4. Acute & chronic respiratory diseases
5. Acute & chronic musculoskeletal problems
6. Acute & chronic abdominal pain
7. Neurological disorders
8. Acute & chronic career manifestations

INPATIENT: 50%
OUTPATIENT: 50%
CONSULTATION: 0%
PRIMARY CARE: 100%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
RESIDENTS
FELLOWS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: OP 40; IP 8
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: OP 25; IP 50

TYPICAL WEEKLY SCHEDULE

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<td>Conference Preceptor Rounds</td>
<td>Conference Preceptor Rounds</td>
<td>Conference Discussion of Major Diseases</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Outpatient: none. Inpatient: call every 5th night (until 10:00).

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Students see patients first and decide appropriate management of care before reviewing with faculty. Time in subspecialty clinics to learn how internists manage these problems is possible. Housing provided. Transportation possible. *Weeks are flexible. Percentages are flexible, inpatient never to exceed 85%.
ME351.01  AMBULATORY INTERNAL MEDICINE

Subinternship: SVA

COURSE CHAIR: Arthur Gomez, M.D.
PHONE #: (818) 891-7711 x5129

SUPPORTING FACULTY:
Drs. D. Garcia, G. Michelini

STUDENT COORDINATOR:
Dr. Giulia Michelini
PHONE #: (818) 891-7711 x5325
E-MAIL: giulia.michelini@med.va.gov
FAX: (818) 895-9571

REPORT TO:
Dr. Giulia Michelini, Bldg. 200, Room 3424, 8:30 a.m.

PREREQUISITES: Medicine, 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 elective is designed to provide the student with a stimulating ambulatory care and private office-like experience. The student will have his/her own consultation and examining room and determine his/her own scheduling and patient load. The student will have the opportunity to work closely with a variety of subspecialty and General Internal Medicine Faculty, and will be able to individually structure his or her clinic schedule from the full range of medical specialty clinics in addition to ambulatory care walk-in /urgent care clinics (see typical weekly schedule).

COURSE OBJECTIVES (in order of importance)
2. Clinical skills: medical interviewing, physical exam (especially neuro and musculoskeletal), clinical judgment, efficient time management, pharmacology, and local injections.
3. Cost-effective use of preventive screening.
4. Interpretation of routine x-rays.
5. Practical cost-effective assessment and management of common medical disorders.
6. How to interface and work closely with an interdisciplinary team.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Acute infectious disease
2. Respiratory diseases; asthma
3. Cardiovascular diseases & diabetes
4. Musculoskeletal disorders
5. Acute chest & abdominal pain
6. Dermatologic disorders
7. Soft tissue trauma: Fractures, lacerations
8. Psychosomatic disorders

INPATIENT: 0%
OUTPATIENT: 100%
CONSULTATION: 40%
PRIMARY CARE: 60%

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER P.A./N.P.

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 38
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 2,500

TYPICAL WEEKLY SCHEDULE

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<td>Behavioral Medicine</td>
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<td>General Medicine Clinic</td>
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<td>Conference</td>
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<td>General Medicine Clinic</td>
<td>Dermatology Clinic</td>
<td>General Medicine Clinic</td>
<td>Urgent Care</td>
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<td>Women’s Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME356.01 GERIATRIC MEDICINE

Subinternship Location: CHS 2004–2005
12/9/03

COURSE CHAIR: PHONE #:
Bruce Ferrell, M.D. (310) 825-8253

SUPPORTING FACULTY:
Drs. S. Charette, J. Davis, M. Eslami, G. Greendale, P. Hu,
A. Moore, B. Koretz, J. Chodosh, E. Whiteeman, D. Kado,
C. Sarkisian, A. Karamanlga

STUDENT COORDINATOR: PHONE #:
Maria Ruiz (310) 825-8253

REPORT TO: Call Maria Ruiz one week before the first day of
clerkship for assignment.

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: In this elective, we attempt to increase the fourth-year medical student’s skills in caring for elderly patients in a variety of environments, including ambulatory, subacute rehabilitation, and long-term care as well as hospital settings. The elective seeks to increase the student’s knowledge and assessment skills of elderly patients through clinical experience and under close faculty supervision.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Multisystem disease
2. Delirium
3. Immobility
4. Hip fracture
5. Stroke
6. Poor nutrition
7. Dementia/depression
8. Deteriorating functional status

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

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: 3

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>PM</td>
<td>Days 1–10 New Hospital Admissions, Outpatient Visits Days 11–21 Outpatients</td>
<td>Days 1–10 New Hospital Admissions, Home Visits, Outpatient Visits Days 11–21 Outpatients</td>
<td>Days 1–10 New Hospital Admissions, Home Visits, Outpatient Visits Days 11–21 Specialty Women’s Clinic</td>
<td>Days 1–10 New Hospital Admissions or Geriatrics Days 11–21 Conferences</td>
<td>Days 1–10 New Hospital Admissions or Geriatrics Days 11–1 Outpatient</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:
ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Orientation will occur with inpatient attending at 9:30 a.m. in the Geriatric Medicine office stn floor 3 corridor. Geriatric patients account for large share of inpatient and outpatient medical and surgical practices. Students who plan careers in any adult surgical or medical specialty will perform better if they have learned effective ways of managing geriatric patients.
Subinternship: Nursing Home Care

COURSE CHAIR: Nancy Weintraub, M.D.
PHONE #: (818) 895-9311

SUPPORTING FACULTY: Drs. Lawrence Rubenstein, Cathy Alessi, Sam Murray, Jaime Fitten, Mark Rosenthal, Debra Saliba, Randy Mervis

STUDENT COORDINATOR: Dr. Nancy Weintraub
PHONE #: (818) 895-9311
E-MAIL: nancy.weintraub@med.va.gov
FAX: (818) 895-9519

REPORT TO: Dr. Nancy Weintraub, Bldg. 25, Room B 132 at 8:30 a.m.

AVAILABLE TO EXTERN: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

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

DESCRIPTION: The Academic Nursing Home (ANH) at Sepulveda is a model, long-term care ward, incorporating interdisciplinary team assessment and management principles to provide and enhance health care for the elderly. Students will be assigned primary care responsibilities for a panel of Nursing Home patients, and they will attend Geriatrics teaching rounds, educational conferences, interdisciplinary team rounds, and Geropsychiatry rounds. They will have close supervision by the Geriatrics Fellow and the Teaching Attending. They will give one brief talk on a Geriatric topic at the end of the rotation.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Dementia
2. Affective disorder
3. Stroke rehabilitation
4. Falls, gait, and balance
5. Urinary tract problems
6. Fever and Infection in Nursing Home Residents
7. Pneumonia
8. Prevention and Treatment of Skin Ulcers
9. Nutrition in the frail elderly

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

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Allied health personnel
(social worker, nurse practitioner, psychologists, psychiatrists, speech and occupational therapists)

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 20

TYPICAL WEEKLY SCHEDULE

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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: There are no on-call responsibilities.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This facility provides learning opportunities in the Nursing Home to develop knowledge and skills in all areas of geriatric assessment and management, including health status assessment, therapeutic and rehab programs for elderly patients. Chronic illness is viewed from the perspective of "treatable disease" to improve overall functioning for elderly patients. Issues of end of life care are explored.
DESCRIPTION: Home Based Primary Care at Sepulveda is a model home care service, incorporating interdisciplinary team assessment and management principles to provide and enhance health care for the elderly. Students will be assigned primary care responsibilities for a panel of home bound patients, and they will make home visits with the Geriatrics Fellow and the Attending. They will attend interdisciplinary team conference weekly. They will give 1 brief talk on a Geriatric topic at the end of the rotation.

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the biological psychological and social aspects of aging.
2. Knowledge of the pathogenesis, natural history, differential diagnosis, evaluation and management of common diseases and disorders in the elderly.
3. Knowledge of pharmacology in developing therapeutic regimens for the elderly.
4. Development of an understanding of issues unique to Home Care, inc. timing of hospitalization, end of life care, management of complex medical problems at home, caregiver stress, home safety, etc.
5. Develop Clinical skills: improving medical interviewing and physical examination with emphasis on functional assessment and approaches to assessing the elderly patient and the home.
6. Improve Medical decision making: emphasis on altered presentation of disease, multiple illness, cost-benefit factor, rehabilitative potential, and ethical issues.
7. Improve doctor-patient relationship, communication skills, and interaction with the elderly patient and caregivers.
8. Interpretation of tests: appreciation of normal parameters with aging and cost-effective use of diagnostic interventions.
9. Become familiar with work-up and management of common problems of geriatric patients and in the home setting.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Dementia
2. Affective disorder
3. Parkinson’s Disease
4. Falls, gait, and balance
5. Urinary tract problems
6. Fever and Infection in Home-Bound patients
7. Pneumonia
8. Prevention and Treatment of Skin Ulcers
9. Nutrition in the frail elderly

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

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X RESIDENTS
X INTERNS
X OTHER: social worker, OT, KT, nutritionist, pharmacist, nurses, nurse practitioner

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH BY STUDENT: 25
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 60

TYPICAL WEEKLY SCHEDULE

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<td>AM</td>
<td>8:00</td>
<td>Culver City HBPC office home visits</td>
<td>Sepulveda HBPC office home visits</td>
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<td>9:00</td>
<td>Sepulveda HBPC Interdisciplinary Team Meeting</td>
<td>Sepulveda HBPC office home visits</td>
<td>8:30 Sepulveda Medicine Grand Rounds</td>
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<td>Sepulveda HBPC office home visits</td>
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<td>3:00 Geriatrics Fellowship Rounds</td>
<td>Sepulveda HBPC office home visits</td>
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<td>Sepulveda HBPC office home visits</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE OBJECTIVES (in order of importance)
1. Knowledge of pathogenesis and natural history; the orderly investigation, differential diagnosis, and management of coronary artery disease, valvular heart disease, and cardiomyopathies.
2. Knowledge of the pharmacology of lidocaine, digitalis, pronestyl, quinidine, lasix, beta blockers, calcium channel blockers, nitroprusside, dobutamine, and dopamine.
3. Clinical skills: medical interviewing and physical examination.
4. Medical judgment, analysis of medical data, and synthesis of information.
5. Interpretation of EKGs and skill in interpreting data from Swan-Ganz catheters.
6. Development of an understanding of the principles, costs, and benefits and proper use of routine cardiac tests, such as echocardiograms, treadmill tests, and radionuclide scans.

DESCRIPTION:
Each student will spend three weeks as a sub-intern on the Cardiac Care Unit and will work up and participate in the management of patients under the guidance of the Resident & Attending Physician. Rounds will be made daily, including weekends. The students will be expected to present and discuss their cases and participate in the discussion of other cases. They will also participate in all Cardiology conferences. In most instances, students will be on call with the residents every 3rd night.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Myocardial infarction
2. Angina
3. CHF
4. Arrhythmias
5. Valvular heart disease
6. Postoperative cardiac problems
7. Cardiomyopathies

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 4
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: >25

TYPICAL WEEKLY SCHEDULE

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<td>7:45 – 8:15 CCU Conference</td>
<td>7:45 – 8:15 CCU Conference</td>
<td>8:30 – 9:30 Grand Rounds</td>
<td>8:30 – 10:30 CCU Rounds with Attending</td>
<td>8:30 – 8:15 CCU Conference</td>
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<td>8:30 – 10:30 CCU Rounds with Attending</td>
<td>8:30 – 10:30 CCU Rounds with Attending</td>
<td>9:30 – 11:30 CCU Rounds with Attending</td>
<td>8:30 – 10:30 CCU Rounds with Attending</td>
<td>8:30 – 10:30 CCU Rounds with Attending</td>
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<td>PM</td>
<td>12:00 – 1:00 Core Curriculum Conference 57-134 CHS</td>
<td>5:00 – 6:00 Cardiac Cath. Conference 57-134 CHS</td>
<td>12:00 – 1:00 Diagnostic Techniques Conf. 57-134 CHS</td>
<td>12:00 – 1:00 Clinical Case Conference 57-134 CHS</td>
<td>12:00 – 1:00 Ground Rounds 57-134 CHS</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Students will have night call every third night with CCU Resident. CCU Rounds from 8:30 – 10:30 a.m., Saturdays and Sundays. CCU Patient Care at 1:00 p.m. Saturdays and Sundays.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME420.01 CRITICAL CARE

Subinternship/Inpatient Location: OVH

COURSE CHAIR: Dennis Yick, M.D.
PHONE #: (818) 364-3205

SUPPORTING FACULTY:
Drs. Janet Au, Susan Stein, Dennis Yick, Nader Kamanger

STUDENT COORDINATOR:
Mark DeVany
PHONE #: (818) 364-3205
E-MAIL: mdevany@dhs.co.la.ca.us

REPORT TO: Olive View Medical Center, Room 2B182 at 8:00 a.m.

PREREQUISITES: Medicine

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

COURSE OBJECTIVES (in order of importance)
1. To gain knowledge of the pathophysiology and treatment of common critical care conditions including GI Bleed, unstable angina, MI, DKA, respiratory failure, sepsis, congestive heart failure, shock, and pneumonia.
2. Learn uses of anti-arrhythmics, vasodilators, pressors.
3. Learn to interpret arterial blood gases, electrolytes, hemodynamic monitoring.
4. To gain procedure skills including arterial lines, central lines, thoracentesis, paracentesis, lumbar puncture.
5. To gain experience in managing patients on ventilators.

DESCRIPTION: This elective is in a critical care unit at a county hospital. The unit is a combined MICU and CCU. The student will have direct patient responsibility with a variety of diseases including GI Bleed, unstable angina, diabetic ketoacidosis, and respiratory failure.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. GI Bleed
2. Chest pain
3. Congestive heart failure
4. Respiratory failure
5. Diabetic ketoacidosis

INPATIENT: 100%
OUTPATIENT: 0%
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: 4 – 5

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
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<td>9:00 – 10:00 Morning Report</td>
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<td>PM</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On call is every third night with MICU team. Students will have at least every sixth day off.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR: Stephen Lim, M.D.  
PHONE #: (310) 423-2716

SUPPORTING FACULTY: Dr. Michael Lil

STUDENT COORDINATOR: Judy Jacobs  
PHONE #: (310) 423-4658
E-MAIL: judith.jacobs@cshs.org  
FAX: (310) 423-5200

REPORT TO: Judy Jacobs, Becker Bldg., Becker 116, 
North Tower, 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:
3,6,9,12,15,18,21,27,30,33,36,39,42,45,48

DESCRIPTION: Designed for fourth-year students with an interest in Hematology/Oncology and hematopoietic stem cell/Bone Marrow Transplant.

COURSE OBJECTIVES (in order of importance)
1. Learn how to evaluate patients with malignancies.
4. Evaluation and management of internal medicine problems in cancer patients.
5. Management of psychological aspects of neoplastic disorders.
7. Management of bone marrow transplant patients.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Breast cancer
2. Lung cancer
3. Sarcomas
4. Leukemia
5. Lymphoma
6. Multiple myeloma
7. Neutropenic fever
8. Stem cell transplantation

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/STUDENT: 3
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 10

TYPICAL WEEKLY SCHEDULE

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<td>PM</td>
<td>12:00 – 1:00 Noon Conference Work Rounds 2:00 – 3:00 Heme./Onc. Lectures</td>
<td>Work Rounds 2:00 – 3:00 Heme./Onc. Lectures</td>
<td>12:00 Heme/Onc Tumor Board 2:00 – 3:00 Heme./Onc. Lectures</td>
<td>Work Rounds 2:00 – 3:00 Heme./Onc. Lectures</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Every other weekend.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR: Mark Noah, M.D.  (310) 423-4658

SUPPORTING FACULTY: Staff, Department of Medicine, Cedars-Sinai Medical Center

STUDENT COORDINATOR: Judy Jacobs  (310) 423-4658  E-MAIL: judith.jacobs@cshs.org  FAX: (310) 423-5200

REPORT TO: Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 a.m.

PREREQUISITES: 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: Senior medical students will function as one of the primary caregivers for a number of patients admitted to the general medicine wards. The students will be a member of a medical team made up of attending physicians, residents, interns and Jr. medical students. The student will be responsible the admitting evaluations, diagnostic and therapeutic orders and daily progress notes for patients under their care. They will admit between 2 and 4 patients per call day and be directly supervised by an R-2 or R-3 resident and a faculty attending physician.

COURSE OBJECTIVES (in order of importance)
To improve:
1. History and physical examination.
3. Interpretation of tests (e.g., serum electrolytes).
4. Oral presentations.
5. Knowledge of diagnosis and management of complex in-patient problems (e.g., respiratory insufficiency, renal insufficiency).
7. Knowledge of cerebrovascular disease, renal failure, diabetes, collagen vascular disorders, pneumonias, peptic ulcer disease, chronic obstructive pulmonary disease, AIDS.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Renal diseases  INPATIENT: 100%
2. Cerebrovascular disease  OUTPATIENT: 0%
3. Respiratory failure  CONSULTATION: 0%
4. Diabetes mellitus  PRIMARY CARE: 100%
5. Pneumonia
6. Peptic ulcer disease
7. Chronic obstructive pulmonary disease
8. AIDS

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 4

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 23

TYPICAL WEEKLY SCHEDULE

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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: The student will take night call in the hospital every fourth night, working with a house officer. In general, s/he will be assigned patients in rotation with the intern. Weekend night call will occur approximately twice a rotation.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR:
Darryl Y. Sue, M.D.
PHONE #: (310) 222-2409

SUPPORTING FACULTY:
Department of Medicine Staff Harbor-UCLA Medical Center

STUDENT COORDINATOR:
Kathleen McGinley
PHONE #: (310) 222-2409
E-MAIL: kmcginley@dhs.co.la.ca.us

REPORT TO: Dept of Medicine Office, 5th Floor Lobby, Harbor-UCLA Medical Center, Torrance, CA 90509-2910, 8 am.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Congestive heart failure
2. Hypertension
3. Diabetes mellitus
4. COPD-Chronic bronchitis & emphysema
5. Cancer
6. Coronary artery disease
7. Upper gastrointestinal hemorrhage
8. Pneumonia, sepsis

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

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

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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<td>9:30 – 10:30 Morning Report</td>
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<td>PM</td>
<td>12:00 – 1:00 House Staff Lecture Series</td>
<td>12:00 – 1:00 Primary Care Conference</td>
<td>12:00 – 1:00 Morbidity &amp; Mortality Conference</td>
<td>12:00 – 1:00 Intern Report</td>
<td>12:00 – 1:00 New Patient Workups</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On call every fifth night with admitting team. Schedule overall is that of the ward team.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Attendance and participation in various conferences, lectures, and subspecialty rounds are encouraged. If absent more than one week no credit will be given.
ME450.03  INTERNAL MEDICINE

Subinternship/Inpatient  Location:  ST.MARY

COURSE CHAIR:  Chester Choi, M.D.  (562) 491-9350
SUPPORTING FACULTY:  C. Choi, M.D., J. Yan, M.D., and Staff
STUDENT COORDINATOR:  Julie Yan (562) 491-9350

REPORT TO:  Department of Medical Education, 529 E. 10th Street, Long Beach, CA 90813.

PREREQUISITES:  Medicine, 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

DESCRIPTION:  St. Mary Medical Center is a 400-bed community hospital. Students participate in the diagnostic and therapeutic decisions as a member of the ward team. They are responsible for daily notes and orders. The student will be able to participate in a variety of procedures under supervision and guidance. A number of daily didactic primary care and subspecialty conferences are provided with special emphasis on primary care, women's health, and geriatric medicine. The patient mix includes disease processes typically encountered in a community hospital setting. One unique aspect of the rotation is the opportunity to provide medical consultations to non-medical services (Obstetrics, Surgery, Psychiatry). Teaching and supervision is provided by attending physicians in private practice, full-time medical education faculty and Internal Medicine residents.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Coronary artery disease
2. Congestive Heart Failure
3. Pneumonia
4. Chronic Obstructive Pulmonary Disease
5. Atrial Fibrillation
6. Diabetes Mellitus
7. Cerebrovascular Disease
8. Hepatic Disease

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
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  3

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

TYPICAL WEEKLY SCHEDULE

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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  On call with house staff every sixth night is optional.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Students will assume responsibilities of a clinical clerk on a general medicine service. By arrangement, a room within the hospital may be available for the entire month's rotation:  St. Mary Medical Center, 1050 Linden Avenue 887, Long Beach, CA  90801.
STUDENT COORDINATOR: PHONE #:
Christine Seydel (310) 268-3034

EMAIL: christine.sydel@med.va.gov

COURSE OBJECTIVES (in order of importance)
1. Diagnosis, understanding and management of diseases (cardiac, pulmonary, infectious, gastrointestinal, renal), and metabolic disturbances, either singly or in a multisystem fashion, inclusive of most internal medicine and subspecialties.
2. Improved history and physical techniques, stressing the ability to focus and prioritize.
3. Diagnosis and management of complex in-patient problems.
4. Development of oral presentation skills in a conference setting.
5. Improving doctor-patient relationships.
6. Team approach and utilization of allied health personnel.
7. Test utilization and interpretation, including LFTs, serologies, ABGs, electrolytes, PFTs, and critical parameters of cardiopulmonary and renal function.
8. Pharmacology of cardiac drugs, antihypertensives, antibiotics, anti-neoplastics, and anti-inflammatory drugs.
10. Socioeconomic aspects of medical care, e.g., cost-containment and the limits of medical care.

DESCRIPTION: This is a sub-internship (or acting internship) where students will assume responsibilities similar to that of an intern. The student will become an integral part of the patient care team along with one resident, two interns, one or two medical students, and one full-time dedicated staff physician. The team will manage the acute medical inpatient service.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. ASHD, angina, CHF, HTN
2. Decompensated liver disease
3. Gastrointestinal bleeding
4. Infection, pneumonia, sepsis
5. DKA, AKA, mixed metabolic disease
6. Obstructive lung disease
7. Neoplasia
8. Altered mental status

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

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 13 – 15

TYPICAL WEEKLY SCHEDULE

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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Students will take call with their team every fourth night.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This elective provides excellent preparation for a medical or surgical internship and lays the groundwork for other medical specialties. The rotation emphasizes student autonomy and responsibility under the watchful eyes of a resident and staff physician. The student will be the primary physician for the patients they work-up and follow. The student will be expected to attend the noon-day conferences and present cases on attending rounds.
ME450.05  INTERNAL MEDICINE

Subinternship/Inpatient  Location: KAIser.SUN  2004–2005  12/12/03

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Pragnesh Patel, M.D.  (323) 783-4516
1. Broaden medical knowledge base.

SUPPORTING FACULTY:
Dr. Peter Chee, and the Staff of the Department of Internal Medicine
2. Refine history, physical exam, and case presentation skills.

STUDENT COORDINATOR:  PHONE #: 3. Manage and obtain experience in the diagnosis of common
Steve Valencia (323) 783-4516 and complex inpatient medical problems.

REPORT TO: Center for Medical Education, 4733 Sunset Blvd,
3rd Fl. West Mezzanine, 8:30 a.m. Then to the Residency
Secretary at 4950 Sunset, 6th Floor
4. Participate in a prepaid health care system.

PREREQUISITES: Medicine & Surgery
5. Learn about cost effectiveness and preventative medicine.

AVAILABLE TO EXTERNS: Yes
6. Learn about the importance of the doctor-patient relationship

STUDENTS / PERIOD: max 2 min 1 in patient management.

DURATION: 3, 6, 8 weeks

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

DESCRIPTION: Los Angeles Kaiser Permanente Medical Center is the tertiary care medical center for Kaiser Permanente, the largest
Health Maintenance Organization in Southern California. The student will function as a subintern on the medicine service composed of
the attending, resident, and 2 interns.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Coronary artery disease
2. COPD and asthma
3. Pneumonia
4. Sepsis
5. GI bleeding
6. Cerebrovascular disease
7. Renal failure
8. AIDS

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 15

TYPICAL WEEKLY SCHEDULE

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<td>Internal Medicine Education Conference (Grand Rounds) 3 Hrs.</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Short call and weekends

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The rotation provides an opportunity to practice medicine in a
large, successful health maintenance organization which cares for over 2.1 million patients.
ME450.06  GENERAL INTERNAL MEDICINE

Subinternship/Inpatient  Location:  OVH

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Soma Wali, M.D.  (818) 364-3205

SUPPORTING FACULTY:
Faculty of the Department of Medicine at Olive View

STUDENT COORDINATOR:  PHONE #:  1. Knowledge of pathogenesis, natural history, differential
Mark DeVany  (818) 364-3205  diagnosis and management of various diseases including
diabetes mellitus, pneumonia, COPD, congestive heart
failure, GI bleeding, coronary artery disease, endocarditis,
etc.

E-MAIL: mdevany@dhs.co.la.ca.us

REPORT TO: Olive View Medical Center, Dept. of Medicine
Office, Room 2B-182 at 8:00 am.

PREREQUISITES:  Medicine and Surgery

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: The General Internal Medicine rotation is a three-week rotation. During
this time the student will be functioning at the level of a subintern, taking admissions
independent of the interns on the team. As a subintern, the student will work
directly under the supervision of the senior resident and attending on service. During
this time, the student will learn about pathology and will work with a very
diverse patient population. The teaching is outstanding at our facility. The student’s
responsibilities will be similar to that of that of the interns on the team, but the student
will carry fewer patients than the interns. The subintern will also get to work with third-year
students and have an opportunity to teach. The overall experience is rated very high.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES  INPATIENT:  100%  CLOSE CONTACT WITH:
1. Pneumonia  OUTPATIENT:  0%  X FULL TIME FACULTY
2. Tuberculosis  CONSULTATION:  0%  X CLINICAL FACULTY
3. GI bleeding  PRIMARY CARE:  100%  X RESIDENTS
4. Asthma  X FELLOWS
5. Congestive heart failure  X INTERNS
6. Cancer  X OTHER Allied health personnel
7. Diabetes
8. HIV-related illnesses

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

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  63

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>7:30 – 9:00 Work Rounds</td>
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<td></td>
<td>9:00 – 10:00 Morning Report</td>
<td>9:00 – 10:00 Morning Report</td>
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<td>9:00 – 10:00 Morning Report</td>
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<td>10:00 – 12:00 Attending Rounds</td>
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<td>PM</td>
<td>12:00 – 1:00 Chief Rounds</td>
<td>12:00 – 1:00 Noon Conference</td>
<td>12:00 – 1:00 Noon Conference</td>
<td>12:00 – 1:00 Noon Conference</td>
<td>12:00 – 1:00 Noon Conference</td>
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<td></td>
<td>3:00 – 4:00 DMD Lecture</td>
<td>1:00 – 3:00 Continuity Clinic</td>
<td>3:00 – 4:00 DMD Lecture</td>
<td>3:00 – 5:30 Ward Work</td>
<td>1:00 – 3:00/3:00 – 5:30 Ward Work</td>
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<td>4:00 – 5:30 Ward Work</td>
<td>3:00 – 5:30 Ward Work</td>
<td>4:00 – 5:30 Ward Work</td>
<td>3:00 – 4:00</td>
<td>3:00 – 4:00 DMD Lecture</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Every fourth night.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Subinterns have primary responsibility for patient care, with close
supervision by members of the ward team.
ME452.01 INPATIENT MEDICINE

Subinternship/Inpatient  Location: CHS

Revised: 7/21/04

COURSE CHAIR:  PHONE #:
Neil H. Parker, M.D. (310) 825-6774

SUPPORTING FACULTY:
Alan Fogelman, M.D., Chief of Service, CHS, and Staff

STUDENT COORDINATOR:  PHONE #:
Jonathan David (310) 825-5846
E-MAIL: jdavid@mednet.ucla.edu

REPORT TO:
Chief Resident, 8:30 a.m., 32-115 CHS at morning report

PREREQUISITES:
Third-year inpatient Medicine, Surgery, Pediatrics, Ob/Gyn, and Psychiatry

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 4 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)
1. Advanced knowledge of general medical disease processes or problems (e.g., infections, anemia, metabolic disorders, heart failure, and cancer).
2. Improved history-taking and physical examination.
3. Improved clinical skills, including medical judgment and analysis of medical data and synthesis of information.
4. Diagnosis and therapeutic management of acutely ill patients and/or complex medical problems (e.g., sepsis, electrolyte problems, and FUO).
5. Improving the doctor-patient relationship and medical-ethical issues of practice.
6. Interpretation of laboratory tests (e.g., electrolytes, liver function tests, blood gases, EKGs, pulmonary function tests).
7. Basic science foundation of pathophysiologic mechanisms of disease.
8. Integral role of participation in whole health care team.
9. Clinical decision-making a changing health care delivery system.
10. Improved proficiency in common medical procedures.

DESCRIPTION:
Students will function as subinterns under the guidance of the resident and attending physician, doing work-up of patients in rotation with three interns on a general medicine team. Attending rounds will be daily with teaching sessions, depending on the ward assignment. The four general medicine teams work as a firm with a group of attendings and residents. Teams admit daily and internally cover their patients. Close relations and communication with the firm’s ambulatory physicians is strongly encouraged and represents a model practice. Sub I should make every effort to attend Morning Reports and present their patients. X-rays, lab results, and slides should be reviewed on rounds. X-ray rounds are generally once a week and arranged by the team dependent upon call.

SURVEY

Common Problems/Diseases
1. Cancer
2. Heart Disease
3. Pulmonary Disease
4. Infections
5. G.I. Bleeding
6. Liver Disease
7. Hypertension & Diabetes
8. Altered Mental Status

Percentage of Patient Care Experiences
100%

Inpatient: 100%
Outpatient: 0%
Consultation: 0%
Primary Care: 100%

Close Contact With
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Nursing & Hospital Ancillary Staff

Approximate # of Patients Evaluated Each Week by Student:
4 – 5

Total # of Patients Evaluated Each Week by Entire Service:
13 – 18

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>7:30 – 8:30 Prerounds</td>
<td>7:30 – 8:30 Prerounds</td>
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<td>PM</td>
<td>12:00 – 1:00 GIM Noon Conf.</td>
<td>12:00 – 1:00 Noon Conference</td>
<td>1:00 Patient Care</td>
<td>12:00 – 1:00 Noon Conference</td>
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<td>1:00 Patient Care</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:
The Sub I will take call with one of the residents on every sixth night. Weekend call will be assigned by the residents; however, there should be one day off per week (weekend or weekend day).

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
Though not assigned to clinic, subinterns are strongly encouraged to follow up on their patients in the Internal Medicine suite with the patients’ continuity of care provider.
MEDI...ICU

COURSE CHAIR: Michael Keane, M.D. (310) 794-1999

SUPPORTING FACULTY: Pulmonary & Critical Care Faculty

STUDENT COORDINATOR: Heather McGinn (310) 825-5615 E-MAIL: hmcginn@mednet.ucla.edu

REPORT TO: Pulmonary/Critical Care Attending, MICU-4West, UCLA Med. Ctr. 7:45 a.m.

PREREQUISITES: Medicine

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

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis, natural history, diagnosis, and management of common medical emergencies such as respiratory failure, shock, GI hemorrhage, drug overdose, renal failure, coma, etc.
2. Interpretation of blood gases, EKGs, chest radiographs, hemodynamic parameters, etc.
3. Knowledge of the clinical pharmacology of bronchodilators, cardiovascular drugs, oxygen, antibiotics, etc.
4. Knowledge of the use of mechanical ventilators and other aspects of respiratory therapy.
5. Knowledge of nutrition and metabolism in the critically ill, including prescription of nutritional supplementation.
6. Performance of arterial punctures and catheterization, airway adjuncts, O2 titration, weaning, etc.
7. Improved history, physical exam, and medical record keeping.
8. Interaction with a multidisciplinary critical care team.
9. Knowledge of the indications for and benefits of ICU care, including medical decision making based on ethical, legal, and cost-containment factors.

DESCRIPTION: This elective provides an excellent opportunity to learn about and manage critically ill adults, many of whom have multiorgan system dysfunction. In addition, the psychosocial aspects of patient/family/ICU staff interrelationships are emphasized, as are the ethical, moral, and legal dimensions of critical care. The student is responsible for initial primary work-ups & continued management of ICU patients under the resident's supervision. A core curriculum of critical care topics is covered EACH WEEK in seminars presented by the ICU Fellow and Attending.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Respiratory failure (COPD, ARDS)
2. Shock (cardiogenic, hemorrhagic, septic)
3. Drug overdose
4. Renal failure
5. Immuno-compromised patients
6. Multiorgan system dysfunction
7. Mechanical ventilation
8. Hepatic failure

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

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Nurses, Respiratory Therapists, Radiologists

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:00 – 8:30 Didactic Conference</td>
<td>8:00 – 8:30 Didactic Conference</td>
<td>8:00 – 11:00 Attending Rounds</td>
<td>8:00 – 8:30 Didactic Conference</td>
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<td>8:45 – 11:00 Attending Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 – 1:00 Critical Care Conference</td>
<td>12:00 – 1:00 Pulmonary Clinical Conference</td>
<td>12:00 Psycho Social Conference</td>
<td>1:00 Patient Care</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On call every fourth day and night along with medical resident. Saturday and Sunday: Attending rounds from 8:00 – 11:00 a.m.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Sleeping quarters are available in the MICU. Although usually a busy rotation, the patient load may be variable at times; weeks #17-19 may be relatively "slow." To achieve further clinical competence in pulmonary medicine, see Appendix II of The UCLA Pulmonary Curriculum: An Overview and a Respiratory Care Curriculum (Biomedical Library catalogue numbers: WF 18, 6588u, 1981). ^ Optional.
ME455.02  MEDICAL INTENSIVE CARE UNIT (MICU)

Subinternship/Inpatient  Location: CS

COURSE CHAIR:  PHONE #:  Lawrence Maldonado, M.D.  (310) 423-4684

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathophysiology, differential diagnosis, and medical management of critical illnesses.
2. Clinical skills: medical interviewing, physical examination, and integration of data obtained from invasive hemodynamic and respiratory monitoring.
3. Medical decision making: analysis of medical risk benefit ratios and understanding of ethical and legal issues.
4. Diagnosis and management of complex in-patient problems, including pre- and post-operative surgical care.
5. Oral presentations of clinical cases.
6. Knowledge of pharmacology of cardioactive drugs, bronchodilator therapy, parenteral nutrition, and antibiotics.
7. Familiarity with hemodynamic monitoring equipment, mechanical ventilators, and dialysis devices.
8. Basic science and pathophysiology of critical illness.

PREREQUISITES: Medicine

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
(June through August by arrangement)
9,12,15,18,21,27,30,33,36,39,42,45,48

DESCRIPTION: The Cedars-Sinai MICU is a 10 bed critical care facility that is fully equipped for hemodynamic monitoring, dialysis, and respiratory support. Students are expected to be knowledgeable in medicine, obstetrics, surgery, and physiology and to have a major interest in the medical management of the critically ill.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Acute myocardial infarction & failure
2. Septic shock
3. GI hemorrhage
4. Complicated respiratory failure
5. CNS catastrophes
6. Drug intoxications
7. Acute renal failure
8. Acid-based and electrolyte imbalance

INPATIENT: 100%
OUTPATIENT: 0%
CONSULTATION: 0%
PRIMARY CARE: 100%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Pharmacists

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK/STUDENT: 3 – 5
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 25

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>7:30 Work Rounds 9:00</td>
<td>MICU Work Rounds 10:30</td>
<td>X-Ray Conf. MICU 11:00 MICU Case Presentations</td>
<td>7:30 Work Rounds 9:00</td>
<td>MICU Work Rounds 10:30</td>
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<tr>
<td></td>
<td>Dept. of Med Conf. 3:30</td>
<td>Core Curriculum 4:30</td>
<td>MICU Sign-out Rounds</td>
<td>12:00</td>
<td>Dept. of Med Conf. 3:30</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Students on this elective will be on call every third night and will participate during weekend rounds.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Each student will be assigned to a team consisting of a resident and an intern on-call every third night. The students will be under the supervision of full-time attendings and private physicians. Daily work rounds are held with the attending physician and fellow in critical care medicine. Numerous subspecialty consultants from the private and full-time attending staff are available. In addition, formal didactic conferences will be given four times weekly.
ME455.03  RESPIRATORY INTENSIVE CARE

Subinternship/Inpatient  Location:  CS

COURSE CHAIR:  PHONE #:
Michael Lewis, M.D.  (310) 423-1835

SUPPORTING FACULTY:
Zab Mohsenifar, M.D., David Balfe, M.D., Mo Biring, M.D., George Chaux, M.D.

STUDENT COORDINATOR:  PHONE #:
Judy Jacobs  (310) 423-4658
E-MAIL: judith.jacobs@cshs.org  FAX: (310) 423-5200

REPORT TO:  Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 a.m.

PREREQUISITES:  Medicine, Surgery entire 3rd year core clerkship.

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

COURSE OBJECTIVES (in order of importance)
1. Diagnosis and management of chronic obstructive pulmonary disease (COPD), status asthmaticus, acute respiratory distress syndrome (ARDS), pneumonia, pulmonary emboli, septic shock, pulmonary complications of AIDS, chronic interstitial lung disease, and carcinoma of the lung. Medical judgment in the analysis and synthesis of pulmonary medicine and medical information.
2. Demonstration and utility of relevant clinical diagnostic skills in pulmonary critical care.
3. Application of respiratory-physiology to the diagnosis and management of respiratory failure. Extensive respiratory care unit experience. Special emphasis on heart-lung interaction.
4. Knowledge of the pharmacology of respiratory drugs, including adrenergic bronchodilators, cardiovascular drugs and oxygen.
5. Introduction of chest x-ray, CT scans, lung scans, pulmonary function, tests, arterial blood gases, and hemodynamic measurements.
6. Medical ethics, especially regarding intensive care.
7. Rational decision making.
8. Use of ventilators, Swan-Ganz catheters, arterial catheters.

DESCRIPTION:  This rotation provides an excellent environment to learn principles of management and appropriate work-up of critically ill patients with pulmonary disorders, many of whom have multisystem dysfunction. A core curriculum covering pulmonary/critical care topics as well as ventilator practicals are provided. Subinterns are under the supervision of pulmonary fellow and senior resident. The objective of the 3-week elective is to familiarize students with the investigation and treatment of acute and chronic respiratory diseases requiring intensive care. The 9-bed RICU is managed by 2 housestaff teams (1 resident & 1 intern per team) on an every fourth night rotation.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Chronic obstructive pulmonary disease
2. Asthma
3. Acute respiratory failure
4. ARDS
5. Pneumonia
6. Pulmonary embolism
7. Neuromuscular ventilatory failure
8. Bronchogenic carcinoma

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  4

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  15

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>10:00 – 12:00 RICU Teaching Rounds</td>
<td>10:00 – 12:00 RICU Teaching Rounds</td>
<td>8:00 – 9:00 Pulmonary Grand Rounds</td>
<td>10:00 – 11:00 RICU Teaching Rounds</td>
<td>8:30 – 9:30 Medical Grand Rounds</td>
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<td></td>
<td>11:00 – 12:00 RICU Core Curriculum</td>
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<td>10:00 – 12:00 RICU Teaching Rounds</td>
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<td>10:00 – 12:00 RICU Teaching Rounds</td>
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<td>4:30 – 5:00 Sign-out Rounds</td>
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<td>4:30 – 5:00 Sign-out Rounds</td>
<td>4:30 – 5:00 Sign-out Rounds</td>
<td>12:00 – 1:00 Critical Care Conference</td>
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<td>4:30 – 5:00 Sign-out Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  On call every fourth day and night. Saturday and Sunday rounds 8:00 – 10:00 a.m.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  A pulmonary fellow is available at all times. Daily rounds with one of the faculty, informal sessions with RICU pulmonary fellows, and scheduled conferences should expose students to an extensive review of pulmonary diseases and applied respiratory physiology.
## COURSE CHAIR:
Bojan Cercek, M.D.  
PHONE #:  
(310) 423-4876

## SUPPORTING FACULTY:
Attending and Full-time Staff Division of Cardiology

## STUDENT COORDINATOR:
Judy Jacobs  
PHONE #:  
(310) 423-4658  
FAX:  
(310) 423-5200

## COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis and management of cardiac disease, principally ischemic, but including other types as well.
2. Clinical skills: medical interviewing and physical examination.
4. Special skills, including emphasis on EKG reading.
5. Diagnosis and management of complex inpatient problems.
7. Oral presentation of clinical cases.

## DESCRIPTION:
In the Coronary Intensive Care Unit, the rotating students function as subinterns and are on call every fourth night. The team of 1 resident, 1 intern, and 1 or 2 students usually admit anywhere from 5 to 7 patients. There is also a cardiology fellow present 24 hours a day in the unit. The students assume full responsibility for workup of the patients, preparation of the plan of treatment. They are also encouraged to participate in the procedures under the proper supervision. The teams round daily every morning with the full-time attending. The students are expected to present their patients. They examine the patient with the attending and discuss the plan of action. In the afternoon during sign-out rounds with the cardiology fellow and full-time attending, the patients are presented in a briefer form to the team on call for proper continuation of care. Every afternoon, there are lectures oriented to the pathology of the patients admitted to the CICU. Every day there is also a medical teaching conference or an EKG Core Lecture organized specifically for the rotating students in the CICU.

### COMMON PROBLEMS/DISEASES
1. Acute myocardial infarction
2. Congestive heart failure
3. Acute pulmonary edema
4. Hypotension and shock
5. Cardiac arrhythmias
6. Valvular heart disease
7. Unstable angina
8. Cardiomyopathy

### STUDENT EXPERIENCES
- INPATIENT: 100%
- OUTPATIENT: 0%
- CONSULTATION: 0%
- PRIMARY CARE: 100%

### TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 63 – 75

### TYPICAL WEEKLY SCHEDULE

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| AM   | 7:30 – 9:00 Clinical Rounds  
9:00 – 10:00 Sign-in Conference  
10:00 – 12:00 Bedside Rounds | 7:30 – 9:00 Clinical Rounds  
9:00 – 10:00 Sign-in Conference  
10:00 – 12:00 Bedside Rounds | 7:30 – 9:00 Clinical Rounds  
9:00 – 10:00 Sign-in Conference  
10:00 – 12:00 Bedside Rounds | 7:30 – 9:00 Clinical Rounds  
9:00 – 10:00 Sign-in Conference  
10:00 – 12:00 Bedside Rounds | 9:30 – 10:30 Clinical Conference |
| PM   | 12:00 – 1:30 EKG Didactic Session  
3:00 – 4:00 CCU Core Lecture  
4:00 – 5:00 Sign-out Rounds in CCU | 12:00 – 1:30 EKG Didactic Session  
3:00 – 4:00 CCU Core Lecture  
4:00 – 5:00 Sign-out Rounds in CCU | 12:00 – 1:30 EKG Didactic Session  
3:00 – 4:00 CCU Core Lecture  
4:00 – 5:00 Sign-out Rounds in CCU | 12:00 – 1:30 EKG Didactic Session  
3:00 – 4:00 CCU Core Lecture  
4:00 – 5:00 Sign-out Rounds in CCU | |

### ON-CALL SCHEDULE & WEEKEND ACTIVITIES:
One night in four, including weekends.

### ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR: Guy Soohoo, M.D.
PHONE #: (310) 268-3021
FAX#: (310) 268 4712


STUDENT COORDINATOR: Caroline Bruce
PHONE #: (310) 268-3021
E-MAIL: bruce.caroline@west-la.med.va.gov

REPORT TO:
Guy Soohoo, M.D., Bldg. 500, Room 3013 @ 8:30 a.m.

PREREQUISITES: Medicine and 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

COURSE OBJECTIVES (in order of importance)
2. Diagnosis and management of cardiac disease, pulmonary disease, infectious disease, gastrointestinal disease, renal disease, and metabolic disturbances, either singly or in a multisystem fashion.
3. Indications and utilization of mechanical ventilation
4. Indications, applications, and utilization of invasive monitoring, including pulmonary-artery catherization.
5. Arterial blood gas analysis and interpretation of mixed metabolic disturbances.
6. Understanding the rational use of pressors, inotropes, antibiotics, anti-arrhythmics, oxygen, steroids, etc., in the critically ill patient.
7. Appreciation of the team approach to the critically ill patient.

DESCRIPTION: This is a sub-internship (or acting internship) where students will assume responsibilities similar to that of an intern. The student will become an integral part of the critical care team along with one resident, one fellow, and an attending. This is an excellent exposure to critical care medicine and multi-system disease emphasizing student autonomy and responsibility.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Infection and septic shock
2. Respiratory failure
3. Decompensated liver disease
4. Gastrointestinal bleeding
5. Multiple metabolic disturbances
6. Malignant hypertension
7. Congestive heart failure
8. Ischemic heart disease

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 21

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3

TYPICAL WEEKLY SCHEDULE

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<td>11:30</td>
<td>ICU Lecture</td>
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<td>Noon Conference</td>
<td>Patient Management</td>
<td>Intern Case Conf.</td>
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<td>Medical Grand Rnds.</td>
<td>Noon Conference</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Call is every third night. Saturday and Sunday rounds from 8:30 – 12:00.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This elective provides excellent preparation for a medical or surgical internship and lays the groundwork for other specialties, e.g., anesthesia. The rotation emphasizes student autonomy and responsibility under the watchful eye of a resident, pulmonary fellow, and staff physician. The student will be the primary physician for the patients they work up and follow.
ME455.06  CARDIAC INTENSIVE CARE

Subinternship/Inpatient  Location:  WVA

COURSE CHAIR:  PHONE #:
Donald S. Chang, M.D., M.P.H.  (310) 268-3643

SUPPORTING FACULTY:
Drs. Bersohn, Ebrahimi, Feliclane, Mody, Rubin, Singh & Taggert

STUDENT COORDINATOR:  PHONE #:
Donald S. Chang, M.D., M.P.H.  (310) 268-3643
E-MAIL: donald.chang@med.va.gov

REPORT TO:
West Los Angeles VAMC, Bldg. #500, 4 South, Room 4425.

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

COURSE OBJECTIVES (in order of importance)
1. To provide an opportunity for the student to learn how to perform a proper history and physical examination on patients with cardiac disease.
2. To teach the student how to interpret an electrocardiogram.
3. To provide the student with the fundamentals of diagnosing and managing cardiac arrhythmias.
4. To teach the student how to diagnose and manage urgent cardiac situations such as acute myocardial infarction, pulmonary edema, cardiogenic shock, pericardial tamponade, cardiac conduction defects, and other life-threatening cardiac conditions.
5. To teach the student the basics of drug treatment for acute cardiac conditions, including pharmacokinetics, indications and contraindications, toxicity and side-effects of certain medications used in the therapy of heart disease.
6. To teach an appreciation for tests used in diagnosis and treatment in the CCU, such as cardiac enzymes, arterial blood gases, chest x-rays, echocardiograms, cardiac catheterization and temporary pacemakers.
7. To teach the student the basics of cardiopulmonary resuscitation (CPR).

DESCRIPTION: This course is designed to improve patient management skills of patients admitted for acute cardiac problems. Improvement in cardiac clinical skills of history and physical exam should be achieved. Increased proficiency in EKG interpretation will be obtained.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Coronary artery disease
2. Acute coronary syndromes/acute MI
3. Pulmonary edema/congestive heart failure
4. Cardiac arrhythmias
5. Valvular heart disease
6. Acute pericarditis/pericardial tamponade
7. Infective endocarditis

INPATIENT:  100%
OUTPATIENT:  0%
CONSULTATION:  0%
PRIMARY CARE:  100%
CLOSE CONTACT WITH:
X  FULL TIME FACULTY
X  CLINICAL FACULTY
X  FELLOWS
X  RESIDENTS
X  INTERNS
X  OTHER Nurses/technicians

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  4

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

TYPICAL WEEKLY SCHEDULE

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<td>CCU Rounds</td>
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<td>Fellow Core Curriculum</td>
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<td>PM</td>
<td>12:00</td>
<td>Patient Management</td>
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<td></td>
<td>Journal Club</td>
<td>Patient Management</td>
<td>Medical Grand Rounds</td>
<td>Patient Management</td>
<td>EKG/Echo/Hemodynamic Conference</td>
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<td>Nuclear Cardiology Reading</td>
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<td>Cardiology New Patient Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On call every fourth night. This includes weekends when call occurs on a weekend evening. Students are expected to attend weekend CCU rounds if they have patients in the unit.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The student will find this elective to contain the elements necessary for him/her to gain a comprehensive appreciation of the complexities of cardiology as well as an introduction to the use of instruments used in the invasive and non invasive evaluation of the entire spectrum of cardiac disease. The student should be comfortable with EKG interpretation by the end of the rotation.
### COURSE OBJECTIVES (in order of importance)

1. **To be able to recall etiology of dementia, urinary incontinence; activities of daily living. Analysis of neuropsychological testing in memory impairment, indications for medications vs. potential for adverse drug events vs. application of disease management clinical guidelines. Synthesize and plan for approach to common geriatrics syndromes (memory loss, weight loss, loss of function, urinary incontinence, falls, etc.)**

2. **To be able to demonstrate competency in comprehensive geriatric assessment (history of multiple medical problems, social support and functional assessment, cognition, mood assessment, gait and balance evaluation, etc.). Demonstrate effective interaction in interdisciplinary team meetings and gain insight into how to extract knowledge from other disciplines and how to utilize their skills and focus team members on care plan goals and timeframe. Demonstrate effective communication of care plan, expectations.**

3. **Open to understanding distinctions between geriatric care and usual medical care of older adults, as well as show understanding, respect, a positive attitude and an understanding for the health and goals of geriatric patients.**

### DESCRIPTION:
This is one of the electives of the Multicampus Division of Geriatric Medicine, which encompasses programs at the VAMC West Los Angeles (Wadsworth), VAMC Sepulveda, UCLA Medical Center and Jewish Homes for the Aging. All students, regardless of primary site, will participate in the following multicampus educational activities: Weekly Tuesday Clinical Conference, Research Seminar, and Journal Club.

### STUDENT EXPERIENCES

**COMMON PROBLEMS/DISEASES**

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<td>80%</td>
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<td>X INTERNS</td>
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<td>X OTHER Nurses, pharmacy, social work, audiology, optometry</td>
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**CONSULTATION:** Available

**PRIMARY CARE:** 100%

**APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:** 1 – 2

**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 5 – 6

### TYPICAL WEEKLY SCHEDULE

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<td>PM</td>
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<td>Patient Workups</td>
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<td>Medical Service M &amp; M Conference</td>
<td>Multicampus Division Clinical Lecture</td>
<td>Medical Service Grand Rounds</td>
<td>Family Meetings</td>
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<td>Patient Workups</td>
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<td>Team Meeting</td>
<td>Multicampus Division Research Seminar/Journal Club</td>
<td>Multicampus Division Research Seminar/Journal Club</td>
<td>Patient Workups</td>
<td>Patient Workups</td>
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**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** No night calls. See assigned patients on weekends.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Students will have the opportunity to learn about problems associated with aging through hands-on care under careful clinical supervision with supplemental learning, formal didactic conferences and seminars. Additionally, students will participate and experience the multidisciplinary approach to delivering health care.
DESCRIPTION: The clinical program of Geriatrics and Gerontology has special relevance to inner city minorities and provides an opportunity for outreach programs. The KDMC program includes preventive programs in addition to care of the elderly at senior centers, a concerted effort with the Dept. of Aging, City of L.A. Special emphasis is placed on geriatric evaluation methods. These include thorough inpatient evaluation, outpatient assessment, and comprehensive geriatric training. The students have full inpatient and outpatient responsibilities.

COURSE OBJECTIVES (in order of importance)
1. Knowledge of biological and psychosocial aspects of aging.
2. Knowledge of the pathogenesis, natural history, differential diagnosis, evaluation and management of common diseases or disorders of the elderly.
3. Knowledge of the impact of aging on drug pharmacology.
5. Medical decision making: emphasis on altered presentation of disease, multiple illnesses, risk-benefit, costs, rehabilitative potential, and medico-legal/ethical issues.
6. Improving doctor-patient communication and interaction with reference to the elderly.
7. Interpretation of tests: normal values for elderly; physiological changes due to aging.
8. Understanding societal and personal attitudes toward aging.
10. Consultations for elderly patients seen in emergency room.
11. Geriatric consultations for inpatient services.
12. To participate in outreach programs designed to offer health screenings to seniors.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Cardiovascular
2. Infections in elderly
3. Mobility and muscle strength/ falls
4. Nutrition and diet
5. Mental health
6. Urinary tract problems
7. Pulmonary function
8. Visual, hearing, and dental disorders
9. Elder abuse and other social issues

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 100

TYPICAL WEEKLY SCHEDULE

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<td>AM</td>
<td>7:00 – 8:00 Core Lectures</td>
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<td>7:00 – 8:00 Core Lectures</td>
<td>9:30 – 10:30 Faculty Teaching Rnds</td>
<td>7:00 – 8:00 Core Lectures</td>
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<td>9:30 – 10:30 Faculty Teaching Rnds</td>
<td>9:30 – 10:30 Faculty Teaching Rnds</td>
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<td>9:30 – 10:30 Faculty Teaching Rnds</td>
<td>9:00 – 10:30 Geriatric Clinic</td>
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<td>10:00 – 11:00 Heart Meeting</td>
<td>1:00 – 5:00 Patient Workups/ Consultations</td>
<td>12:00 – 1:00 Geriatric Grand Rounds 1st and 4th</td>
<td>1:00 – 5:00 Community Health Screening</td>
<td>1:00 – 5:00 Patient Workups/ Consultations</td>
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<td>1:00 – 2:00 Subspecialty Lecture</td>
<td>1:00 – 5:00 Patient Workups/ Consultations</td>
<td>1:00 – 5:00 Patient Workups/ Consultations</td>
<td>1:00 – 5:00 Community Health Screening</td>
<td>1:00 – 5:00 Patient Workups/ Consultations</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: No night calls; weekend rounds by arrangement. Faculty Teaching Rounds on Saturday and Sunday mornings. HEART – “Halting Elder Abuse” Response Team. Geriatric Chair Rounds, Saturday, 10:30 – 12:00.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The inpatient services give students an opportunity to provide primary care to acutely ill, hospitalized elderly patients. The purpose is to train students in the peculiarities of the presentation of ailments in older groups with special emphasis on therapeutic strategies.
ME470.01  MEDICAL RESPIRATORY ICU

Subinternship/Inpatient    Location: HARBOR    2004–2005

COURSE CHAIR: Darryl Y. Sue, M.D.    PHONE #: (310) 222-2409

SUPPORTING FACULTY: Drs. Gregory Mason, Kathy Sietsema, William Stringer, Richard Casaburi and Janine Vintch

STUDENT COORDINATOR: Kathleen McGinley    PHONE #: (310) 222-2409    E-MAIL: kmcginley@dhs.co.la.ca.us

REPORT TO: 5E-ICU at 7:30 a.m. on first day of elective.

PREREQUISITES: Medicine, Surgery

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2  min 0

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)
1. Diagnosis and management of complex inpatient problems such as acute respiratory failure, renal failure electrolyte disorders, GI bleeding, and sepsis.
2. Knowledge of pathogenesis, natural history and evaluation of respiratory failure, and the multisystem problems of critically ill patients.
3. Interpretations of arterial blood gases, electrolytes, EKG, chest x-rays, and hemodynamic data.
4. Indications and use of pulmonary artery catheters, mechanical ventilators, and monitoring systems.
5. Medical judgment, analysis of medical data, and synthesis of information.
6. Knowledge of bronchodilators, vasoactive drugs, and antibiotics.
7. Consideration of cost effective approach to intensive care.
8. Consideration of ethical issues in life-support and other decisions.

DESCRIPTION: The student shares responsibility with an intern for 24-hour coverage of an eight bed medical intensive care unit. Teaching activities include daily rounds with ward teams, respiratory fellow, and attending physician. Patients are acutely ill, often with multiple system failure, although they primarily have respiratory diseases.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Acute respiratory failure
2. GI bleeding
3. Shock
4. Sepsis
5. Hepatic failure
6. Acute renal failure
7. Electrolyte imbalance
8. Coma

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 14

TYPICAL WEEKLY SCHEDULE

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<td>Clinical Conference</td>
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<td>Chest Conference</td>
<td>Dietitian Rounds</td>
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<td>Medical M&amp;M Conference</td>
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<td>Medicine Lecture</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: 24 hours on /24 hours off for 2–3 shifts/week; work alongside ICU intern. Sundays off.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: ICU work is intense, but rewarding. Educational impact of spending 24 hours with critically ill patient is enormous.
ME470.02  PULMONARY DISEASES

Subinternship/Inpatient Location: WVA

COURSE CHAIR: Silverio Santiago, M.D.  PHONE #: (310) 268-3021

SUPPORTING FACULTY: Drs. Raj Batra, Steven Dubinett, Ami Oren, & Guy Soo Hoo

STUDENT COORDINATOR: Caroline Bruce  PHONE #: (310) 268-3021

REPORT TO: S. Santiago, M.D., Bldg. 500, VA Med Center, Room 3013, 8:00 am.

PREREQUISITES: Medicine

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

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis, natural history, orderly investigation, differential diagnosis, and management of obstructive airways disease, respiratory failure, pneumonias, infiltrative lung disease, lung carcinoma, etc.
2. Interpretation of chest roentgenograms, pulmonary function tests, arterial blood gases, pleural fluid data, etc.
3. Understanding the indications for bronchoscopy, aspiration lung biopsy, thoracentesis, and pleural biopsy.
4. Knowledge of the pharmacology of bronchodilators and corticosteroids.
5. Understanding the use of mechanical ventilators.
6. Clinical skills: medical interviewing and physical examination.
7. Medical decision making: analysis of medical data and synthesis of information.

DESCRIPTION: Students will be responsible for the evaluation and continued care of a number of patients with respiratory diseases. They will be under the direct supervision of a pulmonary fellow and will attend daily rounds.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Acute respiratory failure
2. Lung carcinoma/pulmonary nodule
3. Pneumonias
4. Obstructive airways disease
5. Interstitial lung disease
6. Pleural effusion
7. Pre- and post-operative evaluations
8. Tuberculosis

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 4

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>Consults</td>
<td>Consults</td>
<td>8:00 Pulmonary Conf.</td>
<td>Consults/Rounds</td>
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<td>PM</td>
<td>Consult Rounds</td>
<td>12:00 Pulmonary Conf. Consult Rounds</td>
<td>Medical Grand Rounds</td>
<td>1:00 – 4:00 Chest Clinic 5:00 Pulmonary Conf.</td>
<td>12:00 Pulmonary Conf. Consult Rounds</td>
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<td>1:00 – 4:00 Sleep Disorders Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR:  
Jeanne Wallace, M.D.  
PHONE #:  
(818) 364-3205

SUPPORTING FACULTY:  
Drs. Janet Au, Jeanne Wallace, Michael Littner, Dennis Yick and Nader Kamangar

STUDENT COORDINATOR:  
Mark DeVany  
PHONE #:  
(818) 364-3205  
E-MAIL:  mdevany@dhs.co.la.ca.us

REPORT TO:  
Mark DeVany, OVMC, Rm. 2B-182.

PREREQUISITES: Medicine, Radiology, and Surgery

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD:  
max 1  
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 offers the opportunity to learn the diagnosis and care of patients with various lung diseases, including COPD, lung cancer, interstitial disease, sarcoidosis, and pulmonary embolus. In addition, there is exposure to care of patients with respiratory failure in the I.C.U. The student will do initial consultative work ups with presentations to the Pulmonary Fellow, Attending M.D., and the Course Chairman, and will also see patients in the Monday AM Chest Clinic.

COURSE OBJECTIVES (in order of importance)

1. To understand the physiologic and genetic basis of respiratory disease and respiratory failure.
2. To obtain experience in the evaluation and primary care of respiratory patients.
3. Interpretation of pulmonary function tests and arterial blood gases.
4. To experience the use of mechanical ventilators, oxygen supplementation, and nebulization.
5. To observe and learn about bronchoscopies and other bedside procedures.
6. To read chest x-rays and CT scans
7. To refine performance of a chest physical exam.
8. Oral presentations at chest conference and at consult rounds.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES  
1. Lung cancer  
2. Asthma  
3. COPD  
4. Pneumonia  
5. Tuberculosis  
6. Interstitial disease  
7. ARDS

INPATIENT: 80%  
OUTPATIENT: 20%

CONSULTATION: 85%  
PRIMARY CARE: 15%

CLOSE CONTACT WITH:  
X FULL TIME FACULTY  
X CLINICAL FACULTY  
X FELLOWS  
X RESIDENTS  
X INTERNS  
X OTHER (Respiratory Therapists)

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3

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

TYPICAL WEEKLY SCHEDULE

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<td>9:00 - noon (2nd, 4th &amp; 5th Mon) or Consult Rounds Attending Rounds</td>
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<td>Chest Clinic</td>
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<td>PM</td>
<td>1:00 - 4:00 Pulmonary Attending Rounds</td>
<td>2:30 – 4:30 Medical Chest Conference</td>
<td>Procedures/ Bronchoscopies</td>
<td>Bronchoscopies/ Procedures</td>
<td>1:00 – 3:30 Chest Clinic Sepulveda VA</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR: David Nelson, M.D.  
PHONE #: (213) 202-6857

SUPPORTING FACULTY: Drs. Robert Lebby and Christopher Ho

STUDENT COORDINATOR: Dianne Wheatley  
PHONE #: (213) 202-6860  
E-MAIL: dwheatley@barlow2000.org

REPORT TO: 2000 Stadium Way, LA, 1st floor switchboard at 9:00 a.m. Ask for Dianne Wheatley.

PREREQUISITES:  Medicine and Surgery

AVAILABLE TO EXTERN: Yes

STUDENTS / PERIOD: max 1

DURATION: 3 weeks

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

DESCRIPTION: Students will round with pulmonologists on critically ill patients. The attending physician will supervise the students, countersigning work-ups & orders. Students will attend noon teaching conferences at which 1) new patients are presented and discussed; 2) chest x-rays and other diagnostic tests are reviewed; 3) problem cases, complications, and deaths are reviewed; 4) didactic teaching is performed using printed educational material; and 5) administrative matters are accomplished.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Respiratory failure  
2. COPD  
3. ARDS  
4. Pneumonia, bacterial  
5. Congestive heart failure  
6. Electrolyte imbalance  
7. Diabetes mellitus  
8. Renal insufficiency

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

CLOSE CONTACT WITH:  
FULL TIME FACULTY  
CLINICAL FACULTY

FELLOWS  
RESIDENTS  
INTERNS  
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 2 – 3

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

TYPICAL WEEKLY SCHEDULE

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<td>Team Conference</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Free parking, free meals (breakfast & lunch)