ME150.02 PREVENTING & REDUCING PATIENT NON ADHERENCE PROBLEMS

In-Depth Location: CHS 2002-2003

1/28/2002

COURSE CHAIR: Raymond Ulmer, Ph.D.
PHONE #: (323) 933-6609

SUPPORTING FACULTY: None

STUDENT COORDINATOR: Raymond Ulmer, Ph.D.
PHONE #: (323) 933-6609

REPORT TO: TBA

PREREQUISITES: None

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 5 min 1

DURATION: 2 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
By Arrangement

DESCRIPTION: This course will include highly specified assessments of all aspects of patient adherence problems. Emphasis will be on preventing, monitoring, and reducing nonadherence problems for chronic disease regimens, such as: cancer, hypertension, cardiac conditions, diabetes, ulcers, epilepsy, and end stage renal diseases. The student will develop a clear ability to predict nonadherence upon diagnosis of chronic or acute disease or injury.

COURSE OBJECTIVES (in order of importance)
1. Operationally define and assess all aspects of both adherence and nonadherence to medical regimens.
2. Report the 10 common adherence elements of all preventive, diagnostic, treatment, and continuing care regimens.
3. Identify the minimum level of patient adherence needed for effective medical treatment of most chronic diseases.
4. Describe the inter-relationships between health related behaviors (life style) and adherence/nonadherence.
5. Specify ways of reducing malpractice risks by improving patient adherence.
6. Cite four necessary criteria for identifying a patient as nonadherent.
7. Discuss nine major sets of reasons for patient nonadherence.
8. Detail the specific adherence problems of cancer, cardiac, diabetic, and epileptic patients.
9. Report four major approaches to preventing, reducing, and monitoring patient nonadherence.
10. Discuss predictable future medical care developments and their effects on medical concerns for patient nonadherence problems.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Cancer
2. Diabetes
3. Hypertension
4. Epilepsy
5. Ulcers
6. Geriatric patients
7. Pediatric patients
8. Psychiatric patients

INPATIENT: N/A%
OUTPATIENT: N/A%
CONSULTATION: N/A%
PRIMARY CARE: predominately
CLOSE CONTACT WITH:
FULL TIME FACULTY
X CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER

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

TYPICAL WEEKLY SCHEDULE

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<tr>
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<tr>
<td>AM</td>
<td>Write a paper using a patient adherence area of their choice, surveying and analyzing the literature in that area. Readings include handouts and reference books</td>
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<td>PM</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME153.03  INTERNATIONAL HEALTH/TROPICAL MED


COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Gus Gill, M.D.  (310) 668-4536  1.  Discussing the clinical symptoms, diagnosis, and treatment of
   the major diseases found in the tropics.

SUPPORTING FACULTY:  PHONE #:  2.  The microscopic identification of parasites pathogenic to man.
Adeleh Esfandiari, DVM, Ph.D.  (363) 563-5986  3.  Discussing the life cycles and epidemiology of parasitic
   infections.

STUDENT COORDINATOR:  PHONE #:  4.  Issues affecting the health and health care of mothers and

REPORT TO:  5.  Nutrition and its impact on health in the tropics.
Dr. Esfandiari, Hawkins Bldg., Room 3110

PREREQUISITES:  Medicine or Pediatric Core Clerkship

AVAILABLE TO EXTERNALS:  No

STUDENTS / PERIOD:  max 10 min 3

DURATION:  2 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
   By Arrangement for December 9-20

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%
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 MONTH/STUDENT:  N/A

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:30 - 9:30 Course Introduction 9:30-10:00 Health System 10:45-11:45 Social &amp; economic Problems of Patients</td>
<td>8:30 - 10:30 Malaria Seminar 10:50 - 12:30 Malaria Slide Review</td>
<td>8:30 - 10:30 Schistosomiasis Seminar 11:30 - 12:30 Schistosomiasis Slide Review Tropical Ophthalmopathy</td>
<td>8:30 - 10:30 Filariasis 11:30 - 12:30 Filariasis Slide Review Tropical Dermatology</td>
<td>8:30 - 10:30 Child Survival Issues Nutrition Seminar Diarrheal Disorders</td>
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<tr>
<td>PM</td>
<td>1:30 - 3:00 Traditional Health Practices</td>
<td>1:30 - 3:30 Laboratory Session Research</td>
<td>1:30 - 3:30 Laboratory Session Research</td>
<td>1:30 - 3:30 Laboratory Session Research</td>
<td>1:30 - 3:30 Health Issues of Pregnant and Lactating Women</td>
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<td>3:15 - 4:30 Infrastructures and Health Care</td>
<td>4:00 - 5:00 Journal Review</td>
<td>African Trypanosomiasis; Diagnostic Laboratory</td>
<td>4:00 - 5:00 Journal Review</td>
<td>4:00 - 5:00 Leprosy and TB</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
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.

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.

COURSE OBJECTIVES (in order of importance)

AVAILABLE TO EXTERNS: Yes with pre-approval

PREREQUISITES: Medicine

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Asthma
2. Immune deficiency states
3. Allergic rhinitis
4. Allergic reactions
5. Autoimmune diseases
6. 
7. 
8. 

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 MONTH/STUDENT:
40
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:
200

TYPICAL WEEKLY SCHEDULE

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.
ME205.02  CLINICAL ALLERGY AND IMMUNOLOGY

Advanced Clinical Clerkship  Location: WVA  2002-2003
1/28/2002

COURSE CHAIR:  PHONE #:
William B. Klaustermeyer, M.D.  (310) 268-3011

SUPPORTING FACULTY:
Drs. Frank Kwong, Eve Gordon, Maxine Baum

STUDENT COORDINATOR:  PHONE #:
Sabrina Lee  (310) 268-3011

REPORT TO:  William B. Klaustermeyer, M.D.; VA Wadsworth Medical Center, Room 3010; 8:30 am (691/111R).

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 1 min 1

DURATION:  2 or 3 (2 weeks By Arrangement)

PREREQUISITES:  Physical Diagnosis, Medicine

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  24
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  550

TYPICAL WEEKLY SCHEDULE

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<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 Bronchial &amp; Nasal Challenge</td>
<td>8:30 - 11:30  Allergy/Immunology Clinic WVA</td>
<td>9:00 - 12:00  Allergy Clinic Immunotherapy WVA</td>
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<tr>
<td>PM</td>
<td>1:00 - 4:00  Consultation &amp; Inpatient Review</td>
<td>1:00 - 4:00 Asthma Research Clinic WVA</td>
<td>12:00 Medical Grand Rounds WVA</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>
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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.
ME205.03 CLINICAL MANAGEMENT OF HIV/AIDS

Advanced Clinical Clerkship

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 35 - 50 (inpatient and outpatient)
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 250 - 350 (inpatient and outpatient)

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>9:00 - 11:00 Ward Consults/ Attending Rounds</td>
<td>8:30 - 9:30 Medical Grand Rounds</td>
<td>7:30 - 8:30 Immunology Seminar</td>
<td>8:00 - 12:00 HIV Clinic</td>
<td>8:00 - 10:00 Ward Consults</td>
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<td>12:00 - 1:00 Medical Lecture Series</td>
<td>1:00 - 5:00 HIV Clinic</td>
<td>12:00 - 1:00 Morbidity &amp; Mortality Conference</td>
<td>12:00 - 1:00 ID Grand Rounds</td>
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<tr>
<td></td>
<td>1:00 - 5:00 HIV Clinic</td>
<td>1:30 - 4:00 Attending Rounds</td>
<td>1:00 - 3:00 Ward Consults</td>
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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.
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

STUDENT EXPERIENCES

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 60
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 200

TYPICAL WEEKLY SCHEDULE

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


COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Kenneth T. Kim, M.D.  (562) 997-7888

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

SUPPORTING FACULTY:

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

STUDENT COORDINATOR:  PHONE #:
Kelly Walsh  (562) 997-7888

3. Understand how to workup and manage allergic patients in an
occupational setting.

REPORT TO:  Dr. Kenneth Kim, 2501 Cherry Ave. #350, Long
Beach, at 8:00 a.m.

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

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)

2002-2003  ROTATIONS BEGIN WEEKS:

2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

DESCRIPTION:  This elective will take place at the Allergy, Asthma, and Respiratory Care Center in Long Beach. The student is given the
opportunity to workup 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.

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
X  CLINICAL FACULTY
X  FELLOWS
X  RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  75
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  300

TYPICAL WEEKLY SCHEDULE

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<td>AM</td>
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<td>Allergy Consults and Office Followups</td>
<td>Clinical Research and Review of Skin Testing</td>
<td>Challenge Procedures and Allergy Followups</td>
<td>Clinical Research and Review of PFTs and Rhinoscopy</td>
<td>Occupational Allergy Consults</td>
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<td>PM</td>
<td>1:30 - 6:00</td>
<td>1:50 - 5:00</td>
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<td>Occupational and Latex Allergy Consults Patch Testing</td>
<td>General Allergy and Asthma Consultations</td>
<td>Review of Interesting Cases or Literature Review</td>
<td>General Allergy and Asthma Consultations</td>
<td>General Allergy and Asthma Consultations</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  N/A

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

Advanced Clinical Clerkship

Location: CHS/SANTA MONICA

2002-2003

1/28/2002

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.

DESCRIPTION:

This two week clinically-oriented course is designed for students who are interested in learning about traditional Chinese Medicine (TCM) and 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.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Fibromyalgia
2. Myofascial pain syndrome (head, back)
3. IBS
4. Chronic fatigue syndrome
5. Hypertension
6. Patients seeking consultation
7. Women’s health problems
8. Asthma

INPATIENT: 0%
OUTPATIENT: 100%
CONSULTATION: 80%
PRIMARY CARE: 20%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
X OTHER Staff acupuncturists & visiting professors

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 6 per 2 weeks

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 400

TYPICAL WEEK SCHEDULE

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<th>Week</th>
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<tbody>
<tr>
<td>Week 1</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>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
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.

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. Murmurs--innocent vs. pathological
2. Rheumatic heart disease
3. Other acquired valvular heart dis.
4. Congestive heart failure
5. Cardiomyopathies
6. Pre-op evaluation of cardiac pt.
7. Arrhythmias
8. Ischemic heart disease

INPATIENT: 90%
OUTPATIENT: 10%
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 MONTH/STUDENT: 20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 150

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>9:00 - 9:30 ECG Reading</td>
<td>7:30 - 8:30 ECG Interpretation Conf., Alternate and Basic Hemo-Dynamics</td>
<td>9:00 - 9:30 ECG Reading</td>
<td>7:30 - 9:00 Basic ECG Interpretation Conf.</td>
<td>9:00 - 9:30 ECG Reading</td>
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<td>9:30 - 12:00 Consults</td>
<td>8:30 - 9:30 Medicine Grand Rounds</td>
<td>9:30 - 12:00 Consults</td>
<td>9:00 - 9:30 ECG Reading</td>
<td>9:30 - 12:00 Consults</td>
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<tr>
<td>PM</td>
<td>12:00 - 1:00 Cardiology Grand Rounds</td>
<td>12:00 - 1:00 Non-Invasive Diagnosis Conference</td>
<td>1:30 - 3:00 Rounds with the Chief</td>
<td>2:00 - 4:00 Consultation Svc Attending Rounds</td>
<td>2:00 - 3:00 Consult Rounds</td>
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<td>1:00 - 5:00 Consults</td>
<td>2:30 - 4:30 Consultation Svc Attending Rounds</td>
<td>4:30 - 6:00 Cath Conference</td>
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ME210.02 CARDIOLOGY

Advanced Clinical Clerkship  
Location: SFVMP

COURSE CHAIR:  
Ming K. Heng, M.D.  
PHONE #:  
(818) 895-9395

SUPPORTING FACULTY:  
Robin Waschsner, Sheila Meymandi, Arthur Lozik, Rogan On, Ting S Yee

STUDENT COORDINATOR:  
Natalie Doramajian  
PHONE #:  
(818) 895-9394

REPORT TO:  
Natalie Doramajian, Bldg.200, Room 3424, 8:30 am

PREREQUISITES:

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD:  
max 2 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:  
2,5,8,11,14,17,20,27,30,33,36,39,42,45

COURSE OBJECTIVES (in order of importance)

1. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis and management of 1) all aspects of coronary artery disease; 2) rheumatic heart disease; 3) heart failure due to various etiologies; and 4) cardiomyopathies.

2. The knowledge of the pharmacology of: digitalis, beta blockers, anti-arrhythmic and anti-anginal drugs.

3. Clinical skills: medical interviewing and physical examination (one of the strong point of the clerkship).


5. Interpretation of the electrocardiograms and pressure tracings.

6. Orientation on how to answer a consultation. Regular follow-up on these patients.

7. Diagnosis and management of complex in-patient problems on the consultation service.

8. Library research and interpretation of literature.

DESCRIPTION:

Two weeks of clerkship will be at Sepulveda VA, where emphasis is on cardiac problems in the ambulatory setting. The other two weeks will be at the UCLA/Olive View Medical Center, where students will see inpatient cardiac problems.

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. Drug toxicity
8. Preoperative eval. of patients w/ heart disease

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 MONTH/STUDENT: 40-60
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 275-300

TYPICAL WEEKLY SCHEDULE

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<tr>
<th>Hour</th>
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<th>Tuesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 - 12:00 Cardiology Clinic, (SVAMC)</td>
<td>8:00 - 12:00 Procedures (SVAMC)</td>
<td>8:00 - 12:00 Procedures (SVAMC)</td>
<td>8:00-9:00 Grand Rounds(SVAMC), 9:00-12:00 Procedures (SVAMC)</td>
<td>8:00 - 12:00 Cardiology Clinic, (SVAMC)</td>
</tr>
<tr>
<td></td>
<td>8:00 - 12:00 Consults (OVMC)</td>
<td>8:00 - 12:00 Cardio Clinic (OVMC)</td>
<td>8:00 - 12:00 Consults (OVMC)</td>
<td>8:00 - 12:00 Consults (OVMC)</td>
<td>8:00 - 12:00 Consults (OVMC)</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 - 3:00 Read Procedures (SVAMC) 3:00-4:00 Cardio Conference(SVAMC)</td>
<td>1:00 – 5:00 Cardio Clinic (SVAMC)</td>
<td>1:00 – 5:00 Read Procedures (SVAMC)</td>
<td>1:00 – 4:00 Read Procedures (SVAMC) 4:00 – 6:00 Cath Conference (OVMC)</td>
<td>1:00 – 5:00 Read Procedures (SVAMC)</td>
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<td></td>
<td>1:00 – 3:00 Attending Consults (OVMC) 3:00 – 5:00 Cardio Conference (SVAMC)</td>
<td>1:00 – 5:00 Attending Consults (OVMC)</td>
<td>1:00 – 5:00 Attending Consults (OVMC)</td>
<td>1:00 – 4:00 Attending Consults (OVMC) 4:00 – 6:00 Cath Conference (OVMC)</td>
<td>1:00 – 5:00 Attending Consults (OVMC)</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Oral presentations of clinical cases. (This is very much stressed).
ME210.03 CARDIOLOGY CONSULT

Advanced Clinical Clerkship

Location: WVA

COURSE CHAIR: Donald S. Chang, M.D. (310) 268-3839

SUPPORTING FACULTY: Drs. Bersohn, Dave, Ebrahimi, Mody, Rubin, Singh, & Warner

STUDENT COORDINATOR: Diane Gertschen (310) 268-3839

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

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 4 min 1

DURATION: 3 weeks

2002-2003ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

DESCRIPTION: This course is designed to expose the students to common inpatient and outpatient consultative questions in cardiology. Improved proficiency in interpretation of EKGs is expected on completion of the course. Basic understanding of the indications of various tests will be obtained.

COURSE OBJECTIVES (in order of importance)
1. To provide exposure to diagnostic assessment of cardiac patients, including evaluation of symptoms, physical signs, and role of noninvasive and invasive tests.
2. To develop skills in interpretation of electrocardiograms.
3. To understand indications for exercise stress testing, Holter monitoring, echocardiography, nuclear scans, and cardiac catheterization in work up of a cardiac patient.
4. To acquire skills in medical management of common cardiac conditions, such as congestive heart failure, angina, arrhythmias, and myocardial infarction.
5. To develop strategies in perioperative evaluation of patients with cardiac disease.
6. To understand indications for surgery in patients with cardiac diseases.

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
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 30
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 150

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>PM</td>
<td>Noon Conference (Medical Service) Patient Evaluation EKG Interpretation 2:00 Nuclear Cardiology Reading</td>
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<td>12:00 Medical Grand Rounds Patient Evaluation Attending Rounds</td>
<td>12:00 Journal Club Patient Evaluation EKG Interpretation 3:00 Nuclear Cardiology Conference (optional) 4:00 Med-Surgery Cath Conference (optional)</td>
<td>New Patient Cardiology Clinic (required)</td>
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</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.
ME210.04  CARDIOLOGY  

Advanced Clinical Clerkship  

Location: ST.MARY  

COURSE CHAIR:  
Drs. C. Choi & D. DeCristofaro  
PHONE #:  
(562) 491-9350  

SUPPORTING FACULTY:  
Cardiology Attending Staff  

STUDENT COORDINATOR:  
Julie Yan  
PHONE #:  
(562) 491-9350  

REPORT TO:  
Department of Medical Education, 529 E. 10th St.,  
Long Beach, CA 90813.  

PREREQUISITES:  
Medicine  

AVAILABLE TO EXTERNALS:  Yes  

STUDENTS / PERIOD: max 1 min 1  

DURATION: 3 weeks  

2002-2003 ROTATIONS BEGIN WEEKS:  
2,5,8,11,14,17,20,27,30,33,36,39,42,45  

DESCRIPTION:  

COURSE OBJECTIVES (in order of importance)  

1. Knowledge of the pathogenesis, natural history, orderly investigation, differential diagnosis, and management of various cardiac diseases.  
2. Knowledge of the pharmacology of anti-arrhythmic and other cardioactive drugs.  
3. Experience at physical exam with special reference to the cardiac exam.  
4. Experience at interpreting diagnostic tests: EKG, treadmill, nuclear studies, echos.  
5. Patient interviewing.  

STUDENT EXPERIENCES  

COMMON PROBLEMS/DISEASES  

1. Coronary artery disease  
2. Congestive heart failure/ cardiomyopathies  
3. Arrhythmias  
4. Valvular heart disease  
5. Pericarditis  
6.  
7.  
8.  

INPATIENT: 90%  
OUTPATIENT: 10%  
CONSULTATION: 20%  
PRIMARY CARE: 80%  
CLOSE CONTACT WITH:  
X FULL TIME FACULTY  
X CLINICAL FACULTY  
X FELLOWS  
X RESIDENTS  
X INTERNS  
OTHER  

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 12  
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 25  

TYPICAL WEEKLY SCHEDULE  

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<tbody>
<tr>
<td></td>
<td>Patient Care</td>
<td>Patient Care</td>
<td>Attending Rounds</td>
<td>Patient Care</td>
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<td>Attending Rounds</td>
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<tr>
<td>PM</td>
<td>Cardiology Conf.</td>
<td>Noon Teaching Conf.</td>
<td>Teaching Conference</td>
<td>Teaching Conference</td>
<td>Grand Rounds</td>
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<td>EKG Conference</td>
<td>Patient Care</td>
<td>Patient Care</td>
<td>Patient Care</td>
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<td>Cath Conference</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  No required night call; weekend responsibilities vary.  

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Students will be assigned non-critical patients in cardiology ward and consultative services, many of whom are housed in the telemetry unit. By arrangement a room within the critical hospital may be available for the entire month’s rotation. St. Mary Medical Center, 1050 Linden Avenue, Box 887, Long Beach, CA 90801  

114
LOCATION: KDMC

Advanced Clinical Clerkship

COURSE CHAIR: Vidya S. Kaushik, M.D. (310) 668-4564

SUPPORTING FACULTY: Drs. V. Bhasin, G. Marks, & C. Aranguri

STUDENT COORDINATOR: Annie Coles (310) 668-4564

REPORT TO: Dr. Vidya Kaushik, MLK Rm 4N3 8:00 a.m.

AVAILABLE TO EXTERNS: Yes

PREREQUISITES: Pediatrics and Medicine

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS: By Arrangement

DESCRIPTION: Cardiovascular disease is the single largest cause of death in the country. A thorough understanding of pathophysiology and management is necessary for providing good patient care. This course is designed to provide in depth exposure to management of heart disease.

COURSE OBJECTIVES (in order of importance)
1. Students will be able to accurately interpret 90% of EKGs performed at a Community Hospital.
2. Student will be able to define the indications and procedure for Stress testing and interpret the results.
3. Student will be able to assess the role of Echocardiography in diagnosis and management of heart disease.
4. Student will observe a minimum of five Swan-Ganz catheter insertions, two pacemaker insertions, and one coronary arteriography. He/she would be able to identify indications for each of them.
5. Student will acquire a concept of basic hemodynamics.
6. Student 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 MONTH/STUDENT: 40
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 300

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00- 9:00 Work Rounds</td>
<td>8:00- 9:00 Work Rounds</td>
<td>8:00- 9:00 Work Rounds</td>
<td>8:00- 9:00 Work Rounds</td>
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<td>9:00- 11:00 CCU</td>
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<td></td>
<td>11:00- 12:00 Stress Lab</td>
<td>11:00- 12:00 Stress Lab</td>
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<td>11:00- 12:00 Stress Lab</td>
<td>11:00- 12:00 Stress Lab</td>
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<tr>
<td>PM</td>
<td>12:00- 1:00 Lecture</td>
<td>1:30- 2:00 Card. Clinic</td>
<td>12:00- 1:00 Chief's Rnd</td>
<td>1:30- 2:00 EKG Reading</td>
<td>1:30- 2:00 EKG Reading</td>
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<td>1:30- 2:00 EKG Reading</td>
<td>2:00 - 3:00 Card. Clinic</td>
<td>1:30- 2:00 EKG Reading</td>
<td>2:00 - 3:00 Consult Rds</td>
<td>1:30- 2:00 EKG Reading</td>
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<td>2:00- 3:00 Consult Rds</td>
<td>3:00 - 4:00 Card. Clinic</td>
<td>2:00 - 3:00 Consult Rds</td>
<td>3:00 - 4:00 Consult Rnd/ ECHO Reading</td>
<td>2:00 - 3:00 Consult Rds</td>
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<td>3:00 - 4:00 Consult Rds</td>
<td>4:00 - 5:00 Card. Clinic/Consult Rds</td>
<td>3:00 - 4:00 Consult Rnd/ ECHO Reading</td>
<td>4:00 - 5:00 Card Clinic</td>
<td>3:00 - 4:00 Consult Rds</td>
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<td></td>
<td>4:00 - 5:00 Core Lecture</td>
<td>5:00- 6:00 Core Lecture</td>
<td>4:00 - 5:00 Core Lecture</td>
<td>5:00- 6:00 Core Lecture</td>
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<td>5:00- 6:00 Core Lecture</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Saturday CCU/Consultation Round 9:00 - 11:00 am. On call with CCU Resident/Intern every fourth night.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The emphasis in 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.
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 Catheterization.

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 25
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 200

TYPICAL WEEKLY SCHEDULE

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<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<tbody>
<tr>
<td>8:00 AM</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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<td>Attending Rounds</td>
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<tr>
<td>11:00 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>NOON PM</td>
<td>Cardiology Conference</td>
<td>Echo Clinic</td>
<td>Cardiology Conference</td>
<td>Patient Management Conference</td>
<td>Cardiology Surgical Conference</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Evaluate New and Old Patients</td>
<td>2PM Education Conference (Grand Rounds 3 Hrs.)</td>
<td>Treadmill Clinic</td>
<td>Evaluate Old and New Patients</td>
<td>Evaluate Old and New Patients</td>
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<tr>
<td></td>
<td>Sign Out Rounds</td>
<td>Sign Out Rounds</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Saturday morning attending rounds

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
Advanced Clinical Clerkship

Location: CHS

COURSE CHAIR:
Jennifer Haley, M.D.
PHONE #: (310) 794-4836

SUPPORTING FACULTY:
Drs. Takahashi, Soriano & Newcomer

STUDENT COORDINATOR:
Tapherine Mausteller
PHONE #: (310) 825-5420

REPORT TO:
200 Medical Plaza, Suite 450

PREREQUISITES: None

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

COURSE OBJECTIVES (in order of importance)
1. To develop a working knowledge of the diagnosis and management of the most common diseases of the skin.
2. To develop proficiency in the performance of a skin biopsy.
3. To become familiar with minor surgical and diagnostic procedures pertaining to the skin.

DESCRIPTION:
Dermatology is a fully integrated program of UCLA and WLA VAMC. It 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 weekly 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 workup, 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.

STUDENT EXPERIENCES

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

INPATIENT: 5%
OUTPATIENT: 95%
CONSULTATION: 5%
PRIMARY CARE: 95%
X FULL TIME FACULTY
X CLINICAL FACULTY
FELLOWS
X RESIDENTS
INTERNS
OTHER

CLOSE CONTACT WITH:

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 40
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 1500

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>9-12 Dermatology Clinic</td>
<td>8:00 - 10:00 Grand Rounds</td>
<td>8-9 Library Time</td>
<td>8:30 – 12:00 Derm Clinic</td>
<td>7:45-8:45 Clin. Slide Conf. WVA, Rm 5002</td>
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<td>10:00 - 2:00 Library Time</td>
<td>9-12 Dermatology Clinic</td>
<td>10-12 DermPath Conference</td>
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<tr>
<td>PM</td>
<td>1:30 - 4:30 Dermatology Clinic</td>
<td>1-5 Slide Review &amp; Dermatology Clinic</td>
<td>1:30 - 5:00 Dermatology Clinic</td>
<td>1:30 - 5:00 Dermatology Clinic</td>
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<td>1:00 - 5:00 Pediatric 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
ME215.04 DERMATOLOGY (CUTANEOUS MEDICINE)

Advanced Clinical Clerkship                      Location: WVA

COURSE CHAIR: Marc D. Chalet, M.D.              PHONE #: (310) 268-3807

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

STUDENT COORDINATOR: Marc D. Chalet, M.D.      PHONE #: (310) 268-3807

Reports to: WLA VAMC Bldg. 500, Rm 1675 at 1:00 pm every Monday

PREREQUISITES: Dermatology and Medicine

AVAILABLE TO EXTERNS: No

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 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.

COURSE OBJECTIVES (in order of importance)
1. Familiarity with common skin diseases, including pathogenesis, distribution, course, and management.
2. Familiarity with topical medication frequently used in Dermatology.
3. Development of skill in taking a dermatological history and in performing a dermatological examination.
4. Learning dermatologic diagnostic skills such as KOH wet mounts, cutaneous biopsy techniques, dark field examinations, and interpretation of fungal cultures.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Benign skin tumors
2. Malignant skin tumors
3. Viral/fungal/bacterial infections/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 RESIDENTS
  INTERNS
  OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 80
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 950

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
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</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00 - 10:00 Grand Rounds</td>
<td>9:00 - 12:00 Outpatient Clinic</td>
<td>8:30 - 12:00 Clinic</td>
<td>7:45 - 8:45 Conference Room 5002</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10:00 - 11:30 Lecture Series</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>PM</td>
<td>1:00 - 4:30 Outpatient Clinic</td>
<td>1:00 - 4:30 Outpatient Clinic</td>
<td></td>
<td></td>
<td>Outpatient Clinic</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
Advanced Clinical Clerkship

Location: KDMC

2002-2003
1/28/2002

COURSE OBJECTIVES (in order of importance)
1. To provide an educational environment where students will be able to learn how to diagnose and treat the most common dermatoses.
2. For students to know and understand all the primary and secondary lesions.
3. For students to become familiar with standard dermatologic diagnostic aids.
4. For students to have a general knowledge of most dermatologic disorders.

COURSE CHAIR: A. Paul Kelly, M.D. (310) 668-4578
SUPPORTING FACULTY: Drs. Marcia Glenn, Lori Hobbs, Carmen Parrot, Darlene Sampson & Vernon Wilson
STUDENT COORDINATOR: Ms. Aban Kapadia (310) 668-4578

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Acne
2. Warts
3. Atopic Eczema
4. Disorders of pigmentation
5. Alopecia
6. Viral Exanthems
7. Fungus infections
8. Collagen vascular diseases

PREREQUISITES: None

AVAILABLE TO EXTERN: No
STUDENTS / PERIOD: max 2 min 1
DURATION: 3 weeks

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 100
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 800

TYPICAL WEEKLY SCHEDULE:

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<th>Hour</th>
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<th>Friday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00 - 9:00 Residents Conference</td>
<td>8:15 - 10:00 UCLA Grand Rounds</td>
<td>8:00 - 9:00 Conference</td>
<td>8:00 - 9:00 Residents Conference</td>
<td>8:00 - 9:00 Conference</td>
</tr>
<tr>
<td></td>
<td>9:00 - 12:00 Adult Clinic (4I)</td>
<td>10:30 - 12:00 Pathology/Indianer (Encino)</td>
<td>9:00 - 12:00 Adult Clinic (4I)</td>
<td>9:00 - 12:00 Surgery Clinic (4I)</td>
<td>9:00 - 12:00 Adult Clinic (4I)</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 - 12:30 In-house Rounds</td>
<td>1:30 - 4:30 Surgery Clinic (minor surgery 1,3,5 Tuesday) (Laser 2nd &amp; 4th Tuesday)</td>
<td>1:30 - 5:00 Adult Clinic and Vitiligo Clinic (4I)</td>
<td>4:00 – 6:00 Derm Path - Dr. Chalet Wadsworth VA</td>
<td>1:00 - 2:00 Rounds.</td>
</tr>
<tr>
<td></td>
<td>1:30 - 4:30 Pediatric Clinic (POP)</td>
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<td>2:00-3:30 Journal Club</td>
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</tbody>
</table>

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
Advanced Clinical Clerkship  
**Location:** CHS

**COURSE CHAIR:** Gary P. Lask, M.D.  
**PHONE #:** (310) 825-6911

**SUPPORTING FACULTY:**  
Drs. Bennett, Lee, Soriano, and Kim

**STUDENT COORDINATOR:** Tapherine Mausteller  
**PHONE #:** (310) 825-5420

**REPORT TO:**  
200 Med Plaza, Suite 465

**AVAILABLE TO EXTERNALS:** Yes

**PREREQUISITES:** None

**STUDENT EXPERIENCES**

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 5%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Basal cell carcinoma</td>
<td></td>
<td>X Full Time Faculty</td>
</tr>
<tr>
<td>2. Squamous cell carcinoma</td>
<td></td>
<td>X Clinical Faculty</td>
</tr>
<tr>
<td>3. Melanoma</td>
<td></td>
<td>X Fellows</td>
</tr>
<tr>
<td>4. Management of surgical defects</td>
<td>40%</td>
<td>X Residents</td>
</tr>
<tr>
<td>5. Clinical aspects of wound healing</td>
<td>60%</td>
<td>Interns</td>
</tr>
<tr>
<td>6. Skin tumor biology</td>
<td></td>
<td>Other</td>
</tr>
<tr>
<td>7. Histopathology of skin diseases</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Aging</td>
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</tr>
</tbody>
</table>

**APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:** 20

**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:** 600

**DESCRIPTION:** This course will serve as an introduction to the fundamentals of surgery of the cutaneous surfaces and dermatopathological differential diagnosis of common skin neoplasms and diseases. In addition, clinical aspects of aging and the applications of different cosmetic procedures and anti-aging techniques will be discussed. This is a flexible rotation tailored to the student’s needs so that the Mon./Fri. time can include rotations in general dermatology, private practice, or research laboratories.

<table>
<thead>
<tr>
<th>TYPICAL WEEKLY SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hour</strong></td>
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<tr>
<td>AM</td>
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<tr>
<td>PM</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

Location: ASSOC  1/28/2002

COURSE CHAIR: Stuart L. Shear, M.D.  PHONE #: (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. Learning to take a dermatology history and its importance in diagnosis.

SUPPORTING FACULTY:

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

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

PREREQUISITES: None

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 2 weeks

2002-2003 ROTATIONS BEGIN WEEKS: By Arrangement

DESCRIPTION: The student will experience the office practice of dermatology and dermatopathology. He will assist in all procedures and office surgery and will actually perform certain procedures. She will read dermatopathology slides with Dr. Shear. He 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
X CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 200/2 weeks

TOTAL # OF PATIENTS EVALUATED EACH MONTH 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>
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<td></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>
</tr>
<tr>
<td>PM</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</td>
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<td></td>
<td>Information CDs</td>
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</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.
Advanced Clinical Clerkship  
Location: CHS  
2002-2003  
12/4/2001  

COURSE CHAIR: ANDRE VAN HERLE, M.D.  
PHONE #: (310) 794-7555  

SUPPORTING FACULTY:  
DRS. K. CHIU, I. CHOPRA, C. DARWIN, STANLEY G. KORENMAN,  
I. KURLAND, A. VAN HERLE, K. VAN HERLE, P. COHAN  

STUDENT COORDINATOR: IRINA HALFON  
PHONE #: (310) 794-7555  

REPORT TO:  
3B 200 Medical Plaza, Suite 530 @ 8:30 a.m.  

PREREQUISITES:  
MEDICINE  

AVAILABLE TO EXTERNS: YES  

STUDENTS / PERIOD: MAX 2 MIN 1  

DURATION: 3 WEEKS  

2002-2003 ROTATIONS BEGIN WEEKS:  
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48  

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. Students' 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. Hyperthyroidism  
5. Hypocalcemia & hypercalcemia  
6. Adrenal disorders  
7. Pituitary tumors  
8. Hypogonadism and impotence  

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 20  
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 300  

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>8:30 - 12:00 Endocrine Clinic or Inpatient Work-ups</td>
<td>8:30 - 12:00 Endocrine Clinic or Inpatient Work-ups</td>
<td>8:30 -9:30 Medical Grand Rounds</td>
<td>8:30 - 12:00 Endocrine Clinic or Inpatient Work-ups</td>
<td>8:30 - 12:00 Endocrine Clinic or Inpatient Work-ups</td>
</tr>
<tr>
<td>PM</td>
<td>1:30 - 4:00 pm In-patient Attending Rounds</td>
<td>Free time</td>
<td>12:00 - 1:00 pm Interdepartmental Endocrine Conference Attending Rounds</td>
<td>Thyroid Biopsies</td>
<td>1:30 - 4:00 In-Patient Attending Rounds</td>
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<td>4:00 - 5:00 Endocrine Clinical Conference</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  

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

### Advanced Clinical Clerkship

**Location:** CS

**Course Objectives (in order of importance):**

1. Knowledge of common pituitary-hypothalamic, thyroid, adrenal, parathyroid, bone, metabolic, and reproductive endocrine disorders, as well as knowledge of current issues in diabetes.
2. Knowledge of the pathophysiology of diabetes and thyroid, pituitary, adrenal, calcium, bone, and reproductive endocrine disorders.
3. Ability to plan a comprehensive evaluation of an endocrine problem in a rapid, cost-efficient manner.
4. Ability to interpret thyroid, pituitary, adrenal, and gonadal suppression and stimulation tests, as well as imaging techniques and the ability to interpret blood sugar levels.
5. Knowledge of types, indications, contraindications, and adverse effects of various drugs, including thyroid hormones, glucocorticoids, androgens, estrogens, vitamin D, and insulin, and oral antihyperglycemic agents.
6. Ability to write an informative consultation note.
7. Ability to concisely present a patient verbally.
8. Ability to accurately palpate and describe thyroid glands.

### Description:

Patients with medical, endocrine, or reproductive endocrine problems, as well as patients with diabetes, are seen by the Endocrine Service. There are two formal attending rounds, two student lectures and one patient conference and one grand round per week. The students rotate inpatient consultations with the resident(s) on the service. Students will participate in the clinics and conferences. Clinics are varied and many are at sites other than Cedars.

### Student Experiences

**Common Problems/Diseases**

<table>
<thead>
<tr>
<th>Inpatient: 20%</th>
<th>Close Contact With:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thyroid nodules</td>
<td>X Full Time Faculty</td>
</tr>
<tr>
<td>Infertility</td>
<td>X Clinical Faculty</td>
</tr>
<tr>
<td>Hyperthyroidism</td>
<td>X Fellows</td>
</tr>
<tr>
<td>Hyperparathyroidism</td>
<td>X Residents</td>
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<tr>
<td>Hypercalcemia</td>
<td>X Interns</td>
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</tbody>
</table>

**Consultation: 80%**

<table>
<thead>
<tr>
<th>PRIMARY CARE: 20%</th>
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</thead>
<tbody>
<tr>
<td>Hypercalcemia</td>
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<tr>
<td>Hyperparathyroidism</td>
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<tr>
<td>Hypoparathyroidism</td>
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<tr>
<td>Hypothryroidism</td>
</tr>
<tr>
<td>Metabolic bone disease</td>
</tr>
<tr>
<td>Hypertension</td>
</tr>
<tr>
<td>Diabetes</td>
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<tr>
<td>Amenorrhea</td>
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</table>

### Typical Weekly Schedule

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

### On-Call Schedule & Weekend Activities:

Consults and Rounding on Inhouse patients.

### Additional Comments and Other Special Requirements:

Students will have the opportunity of working in the diabetes basic science laboratory in the afternoons.
Advanced Clinical Clerkship  

**Location:** HARBOR  

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

**SUPPORTING FACULTY:**  

**STUDENT COORDINATOR:**  
Sally Avancena  
PHONE #: (310) 222-2503

**REPORT TO:** Clinical Fellow in Endocrinology (5th floor, GCRC Office) 0900 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

**2001-02 ROTATIONS BEGIN WEEKS:** By Arrangement

**DESCRIPTION:** Students function as subinterns on the in-patient Endocrine consult service and in the out-patient Endocrine & Diabetes clinics. They function as members of a team consisting of 1 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.

**COURSE OBJECTIVES** (in order of importance)  
To become familiar with the following:

1. Pathogenesis and natural history, the orderly investigation, differential diagnosis and management of thyroid disease, diabetes mellitus, adrenal disorders, pituitary disorders, reproductive abnormalities, and parathyroid disorders
2. Medical interviewing and physical examination skills
4. Interpretation of endocrine tests: Thyroid function tests, glucose tolerance tests, hormonal measurements, stimulation and suppression tests
5. Appropriate format for writing consultations
6. Basic science foundations of pathophysiologic mechanisms underlying diseases of the thyroid, adrenal, pituitary, pancreas, gonads, parathyroid, and other metabolic disorders, including nutritional disorders
7. Diag. & mgmt. of complex in-patient problems such as diabetic ketoacidosis, thyrotoxicosis, thyroid nodules, goiter, hypothyroidism, obesity, Cushing’s disease, Addison’s disease, etc.
8. Oral presentation of clinical cases
9. Library research and interpretation of the literature
10. Outcome of health care, e.g., patient adherence & satisfaction

**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  
X INTERNS  
X OTHER Diabetes Nurse Educators

**APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:** 20-25

**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:** 200-250

**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>9:00 Pituitary or Thyroid Nodule Clinic</td>
<td>8:30 Medicine Grand Rounds</td>
<td>10:00 Review of Thyroid Biopsies</td>
<td>8:30 Diabetes &amp; Metabolism Clinic</td>
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<tr>
<td></td>
<td>12:00 Basic Science Seminar Lecture Series</td>
<td>12:00 Endocrine Clinical Conference</td>
<td>1:00 Endocrine Clinic</td>
<td>2:00 Endocrine Grand Rounds</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2:00 Attending Rounds</td>
<td>1:00 Chart Check</td>
<td>3:00 Attending Rounds</td>
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</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.
ME225.04 ENDOCRINOLOGY, DIABETES, METABOLISM

Advanced Clinical Clerkship

Location: WVA

2002-2003
12/4/2001

COURSE CHAIR: Jerome M. Hershman, M.D. (310) 268-3850

SUPPORTING FACULTY:
Drs. Jerome Hershman, Seymour Levin, Jane Weinreb, Masahiro Sagawara, and Gregory Brent

STUDENT COORDINATOR: Dan Foster (310) 268-3850

REPORT TO: Dr. J.M. Hershman, WVA Hospital, Bldg. 500, Room 4607, 8:30 am.

AVAILABLE TO EXTERNS: Yes

PREREQUISITES: Medicine

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 MONTH/STUDENT: 30

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 250

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>Hospital Rounds</td>
<td>Patient Work Ups</td>
<td>8:00 - 9:00 Practical Diabetes Conference</td>
<td>Lipid Clinic 1st and 3rd Thursdays</td>
<td>8:00 - 9:00 Endocrine Grand Rounds</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>9:00 - 12:00 Noon 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 Medical Grand Rounds</td>
<td>1:30 Endocrine Consult Rounds</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Hospital Rounds</td>
<td>12:00 - 1:00 Medical Grand Rounds</td>
<td>12:00 - 1:00 4th Thursday Journal Club</td>
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<td></td>
<td>12:00 - 1:00 2nd Thursday Endocrine Research Conference</td>
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</tbody>
</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.
COURSE OBJECTIVES (in order of importance)

1. To review and supplement the basic elements of nutrition that all doctors should know with specific reference to the type of practice activity the student is planning.
2. To develop skills in nutritional assessment and intervention.
3. To develop an understanding of the role of therapeutic diets in disease.
4. To develop an understanding of the pathogenesis of nutritional disorders including obesity, malnutrition, and anorexia/bulimia.
5. To develop an understanding of the impact of nutrition on the development of chronic diseases, such as cancer and diabetes, and the progress of acute diseases.
6. To gain familiarity with popular diets and the appropriate use of vitamin and mineral supplements.
7. To develop skills in interacting with dietitians in a medical practice setting.
8. To develop an understanding of the use of enteral and parenteral nutrition in surgical patients.
9. To understand the indications and results of the medical and surgical treatment of obesity.

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. There is also experience with inpatient nutrition in conjunction with the Surgical Obesity Program and exposure to multidisciplinary nutrition in the University Obesity Center.

COMMON PROBLEMS/DISEASES

- Obesity
- Diabetes
- Cancer
- Hyperlipidemia
- Gastrointestinal diseases
- Hospital malnutrition
- Renal disease
- Eating disorders

INPATIENT: 20%
OUTPATIENT: 80%
CONSULTATION: 100%
PRIMARY CARE: 0%
CLOSE CONTACT WITH:
- FULL TIME FACULTY
- CLINICAL FACULTY
- FELLOWS
- RESIDENTS
- INTERNS
- OTHER Clinical Dietitians

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 10
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 60

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>Nutrition Medicine Clinic 200 Med Plaza Suite 365</td>
<td>Independent Study</td>
<td>Nutrition Medicine Clinic</td>
<td>Nutrition Medicine Clinic and Medical/Surgical Conference</td>
<td>Inpatient Rounds/Independent Study University Obesity Center Clinic (Warren Hall)</td>
</tr>
<tr>
<td>PM</td>
<td>Inpatient Rounds</td>
<td>Nutrition Medicine Clinic</td>
<td>Inpatient Rounds</td>
<td>Bariatric Surgery Clinic</td>
<td>12:00 - 1:00 Research Conference - Warren Hall Conference Room</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.
ME230.01 GASTROENTEROLOGY AND HEPATOLOGY

Advanced Clinical Clerkship Location: CHS

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

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

PREREQUISITES: Medicine and Surgery

AVAILABE TO EXTERNALS: Yes, Externs should do 4 week rotations

STUDENTS / PERIOD: max 2 min 1

DURATION: 2-3 weeks

2002-2003 ROTATIONS BEGIN WEEKS: for 2 weeks By Arrangement 2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION: Students will act as gastrointestinal consultants in outpatient departments and wards 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.
6. Library research and interpretation of literature
7. Oral presentations of clinical cases

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Inflammatory Bowel Disease
2. Diarrhea
3. Peptic Ulcer Disease
4. Liver Disease—Acute and Chronic
5. Pancreatitis
6. Neoplasia, gastric, colonic, pancreatic
7. GI Bleeding
8. Dysphagia and Esophagitis

INPATIENT: 50% OUTPATIENT: 50%
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 MONTH/STUDENT: 40
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 300

TYPICAL WEEKLY SCHEDULE - INPATIENT SERVICE

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Students will meet with a selected faculty member at least 2 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.
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.
ME230.02  GASTROENTEROLOGY

Advanced Clinical Clerkship  Location:  CS

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis and management of GI, hepatic, and nutritional diseases or problems.
2. Clinical skills: Medical interviewing, physical examination.
4. Medical record keeping (e.g. data collection and recording in appropriate format for writing consultations).
5. Oral presentations of clinical cases.
7. Learn indicators for GI endoscopic procedures.

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 MONTH/STUDENT: 16
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 40

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>8:30 - 12:00 GI Outpt. 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>8:00 - 10:00</td>
<td>8:30 - 10:30 GI Rounds and GI Topics</td>
<td>10:30 - 12:00 MST rounds</td>
<td>9:30 - 12:00 GI Rounds and GI Topics</td>
<td>8:30 - 9:30 GI Voluntary Attending Rounds</td>
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<tr>
<td></td>
<td>10:00 - 1:00</td>
<td>10:30 - 12:00</td>
<td>12:00 - 1:00 Journal Club 2nd Tuesday</td>
<td>1:00 - 2:00 Medical Grand Rounds</td>
<td>10:30 - 12:00 MST Rounds</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 - 1:00 GI Fellows Endoscopy</td>
<td>12:30 - 3:30</td>
<td>12:30 - 3:30</td>
<td>12:00 - 1:00</td>
<td>1:00 - 2:00 GI Voluntary Attending Rounds</td>
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<tr>
<td></td>
<td>1:00 - 5:00</td>
<td>12:30 - 1:30</td>
<td>1:00 - 5:00 Motility Out Patient Clinic</td>
<td>1:00 - 5:00</td>
<td>1:00 - 2:00</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME230.03  GASTROENTEROLOGY

Advanced Clinical Clerkship  
Location: HARBOR

2002-2003
1/28/2002

COURSE CHAIR:  
Viktor Eysselein, M.D.  (310) 222-2475

SUPPORTING FACULTY:  
Dr. Shahid Sial, Benedict Garrett, Eric R. Lee

STUDENT COORDINATOR:  
Diane Warpack (310) 222-2475

REPORT TO:  
Harbor-UCLA Medical Center, N21 @ 8:30 am.

PREREQUISITES: Medicine

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 3/mo

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 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:

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

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 MONTH/STUDENT: 16
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 100

TYPICAL WEEKLY SCHEDULE

| 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 |
|    | 8:30-9:00 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:
Advanced Clinical Clerkship  Location: KDMC  2002-2003  12/7/2001

COURSE CHAIR: Ioannis Giannikopoulos, M.D.  PHONE #: (323) 563-5924  Fax (323) 357-3422

SUPPORTING FACULTY:
A. Akhtar, M.D., M. Antillon, M.D., S. Vashishtha, M.D.

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

REPORT TO: Augustus F. Hawkins, Mental Health Building, Room #2199, 8:30 am.

PREREQUISITES: Medicine, Pediatrics, or Surgery

AVAILABLE TO EXTERNALS: No

STUDENTS / PERIOD: max 2  min 1

DURATION: 3-6 weeks

COURSE OBJECTIVES (in order of importance)
1. To familiarize the students with the most common gastro-intestinal 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 5 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 MONTH/STUDENT: 20-25

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 500-450

TYPICAL WEEKLY SCHEDULE

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<tr>
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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.
**Advanced Clinical Clerkship**

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

1. In-depth knowledge of the commonly encountered gastro-intestinal 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).

6. Knowledge of the use (indications, procedures, complications) of nutritional support materials.

**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.

**STUDENT EXPERIENCES**

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 50%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Peptic ulcer disease</td>
<td></td>
<td>FULL TIME FACULTY</td>
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<tr>
<td>2. Gastrointestinal bleeding</td>
<td></td>
<td>CLINICAL FACULTY</td>
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<tr>
<td>3. Cirrhosis</td>
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<td>FELLOWS</td>
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<tr>
<td>4. Functional bowel disease</td>
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<td>RESIDENTS</td>
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<tr>
<td>5. Pancreatitis</td>
<td></td>
<td>INTERNS</td>
</tr>
<tr>
<td>6. Jaundice</td>
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<td>OTHER surgical staff</td>
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<tr>
<td>7. GI cancer</td>
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<tr>
<td>8. Hepatitis</td>
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**APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:** 30 - 40

**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:** 150-200

**TYPICAL WEEKLY SCHEDULE**

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</thead>
<tbody>
<tr>
<td>AM</td>
<td>GI Clinic - Olive View</td>
<td>In-Patient Consultations Endoscopy Noon Conference -OV</td>
<td>GI Clinic - SVA Noon Conference -OV</td>
<td>In-Patient Consultations Endoscopy Library Noon Conference -OV (Med- Surg 2nd/4th)</td>
<td>GI Basic Science Seminar (Wadsworth VA) In-Patient Consultation Library</td>
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<tr>
<td>PM</td>
<td>In-Patient Consultations</td>
<td>In-Patient Consultations</td>
<td>In-Patient Consultations</td>
<td>In-Patient Consultations</td>
<td>In-Patient Consultations</td>
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<td>Library</td>
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<td>Library</td>
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<tr>
<td></td>
<td>GI Journal Club</td>
<td>GI Path Conference -OV</td>
<td></td>
<td></td>
<td>In-Patient Consultations</td>
</tr>
</tbody>
</table>

**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.
Advanced Clinical Clerkship

Location: CS

Course Chair: Dorothy Park, M.D. (310) 423-4502

Supporting Faculty: Drs. Stephen Lee, Michael Lill, Stephen Lim

Student Coordinator: Judy Jacobs (310) 423-4658, 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

2002-2003 Rotations Begin Weeks:
2, 5, 8, 11, 14, 17, 20, 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 Month/Student: 12

Total # of Patients Evaluated Each Month by Entire Service: 40

Typical Weekly Schedule

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<tr>
<th>Hour</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>
</tr>
<tr>
<td>AM</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>
</tr>
<tr>
<td>PM</td>
<td>12:00 Noon Conference 2:00-3:00 Hem./ Onc. Lectures</td>
<td>12:00 Multidisciplinary Cancer Conf. 2:00-3:00 Hem./ Onc. Lectures</td>
<td>12:00 Tumor Board 2:00-3:00 Hem./ Onc. Lectures</td>
<td>12:00 Noon Conference 2:00-3:00 Hem./ Onc. Lectures</td>
<td>9:30-12:30 Clinic</td>
</tr>
</tbody>
</table>

On-call Schedule & Weekend Activities:

Additional Comments and Other Special Requirements:
COURSE OBJECTIVES (in order of importance)

1. Knowledge of certain disease processes or problems: neoplastic disease, platelet disorders, hemoglobinopathies, anemia, leukemias & myeloproliferative disorders, depressed bone marrows due to drugs or chemotherapy.


3. Interpretation of tests: blood counts, microscopy--blood smears & bone marrows, radiographic studies & scans, coagulation studies, hemoglobin electrophoresis, enzyme studies.

4. Diagnosis & management of complex inpatient problems: DIC, anemia, thrombocytopenia, neoplastic diseases in various stages, treatment of all the preceding, psychological support, treatment of depressed bone marrows, & chronic pain.

5. Knowledge of drugs: chemotherapeutic agents, Fe, folate & B12, narcotics, transfusion.


7. Library research & interpretation of literature.

8. Oral presentation.


10. Utilization of health care team.

11. Medical record keeping.

12. Improving the doctor-patient relationship.

13. Develop consultative skills with other physicians.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Lymphomas
2. Leukemias
3. Anemias of chronic disease
4. Bleeding disorders, platelet disorders & DTC
5. Hemoglobinopathies
6. Multiple myeloma
7. Myeloproliferative disorders
8. Neoplastic Disease

INPATIENT: 60%
OUTPATIENT: 40%
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 MONTH/STUDENT: 12
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 62

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
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<tbody>
<tr>
<td></td>
<td>Inpt. BMT (2 Weeks)</td>
<td>8:30 BMT Conference 10:00 BMT Rounds</td>
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<td></td>
<td>ROUNDS Oncology Journal Club</td>
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<tr>
<td>PM</td>
<td>Inpt. Cons. Service (2 weeks)</td>
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<tr>
<td></td>
<td>Inpt. BMT (2 Weeks)</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: There is no requirement that the student be available for night or weekend on-call responsibility.

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-Oncoology, and they will spend three hours each week in a supervised review of the peripheral blood and bone marrow morphology.
**Advanced Clinical Clerkship**

**Location:** HARBOR

**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. 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**

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 75%</th>
<th>OUTPATIENT: 25%</th>
<th>CONSULTATION: 75%</th>
<th>PRIMARY CARE: 25%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Iron deficiency anemia</td>
<td></td>
<td></td>
<td></td>
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<td>X FULL TIME FACULTY</td>
</tr>
<tr>
<td>2. Thrombocytopenias</td>
<td></td>
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<td></td>
<td>X CLINICAL FACULTY</td>
</tr>
<tr>
<td>3. Sickle cell disorders &amp; thalassemia</td>
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<td>X FELLOWS</td>
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<tr>
<td>4. Anemia of chronic diseases</td>
<td></td>
<td></td>
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<td>X RESIDENTS</td>
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<tr>
<td>5. Acquired coagulopathy</td>
<td></td>
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<td>INTENS</td>
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<tr>
<td>6. Leukemias and lymphomas</td>
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<td></td>
<td>OTHER</td>
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<tr>
<td>7. Cancer of breast, lung, and colon</td>
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<td></td>
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<tr>
<td>8. Elevated hematocrits</td>
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</table>

**APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:** 20

**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:** 120

**TYPICAL WEEKLY SCHEDULE**

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
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<th>Wednesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 - 12:00 Ward Consults</td>
<td>8:30 - 9:30 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>
<td>10:00 – 12:00 Oncology/Hematology Rounds</td>
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<tr>
<td></td>
<td>10:30-11:30 Heme Slides</td>
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<tr>
<td>PM</td>
<td>12:00 - 1:00 Medical Lecture Series</td>
<td>12:30-1:30 Breast Tumor Board</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>3:00 – 5:00 Hematology Grand Rounds</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.
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 outpatient 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 either OVMC or SVA. This will include the workup 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

- Lymphoma
- Anemia
- Leukemia
- CA of the GI tract
- CA of the lung
- Myeloma
- Breast CA
- Polycythemia

INPATIENT: 30%
OUTPATIENT: 70%
CONSULTATION: 30%
PRIMARY CARE: 70%
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 MONTH/STUDENT: 20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 60

TYPICAL WEEKLY SCHEDULE

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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 serie</td>
<td>8:00 Oncology clinic @ OVMC</td>
<td>8:30 Hematology/Oncology Clinic- STAMC</td>
<td>Consultations Procedures</td>
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<td></td>
<td>Journal Club(q.Month)</td>
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<td>Hematopathology Rounds</td>
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<tr>
<td>PM</td>
<td>1:00 Hematology clinic @ OVMC</td>
<td>Rounds Consultations</td>
<td>Work rounds consultations</td>
<td>1:15 Tumor board @ 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
PHONE #: (310) 825-7225

SUPPORTING FACULTY:
Drs. D. Pegeus, A. Moe, B. Kubak, J. Currier, M. Liebowitz, and M. Carlson

STUDENT COORDINATOR: Patty Gonzalez
PHONE #: (310) 825-7225
pmgonzalez@mednet.ucla.edu

REPORT TO: Patty Gonzalez, 8 a.m., Call one week in advance or e-mail pmgonzalez@mednet.ucla.edu

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

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks (or two weeks by arrangement)

2002-2003 ROTATIONS BEGIN WEEKS:
By Arrangement

DESCRIPTION: This course serves as a practical approach to diagnosis, work-up, 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 Coccidiodomycosis.
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 worksups.
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. Coccidiodomycosis
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 MONTH/STUDENT: 10-20 patients
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 80-110 patients

TYPICAL WEEKLY SCHEDULE - DAILY ROUNDS

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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 & 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, & accommodations. Students are welcome BUT MUST be coordinated individually with faculty.
### STUDENT EXPERIENCES

**COMMON PROBLEMS/DISEASES**

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

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

**CLOSE CONTACT WITH:**

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

**APPARENT # OF PATIENTS EVALUATED EACH MONTH/STUDENT:** 20  
**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:** 100

### TYPICAL WEEKLY SCHEDULE

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<td></td>
<td>Intake Rounds</td>
<td>Medical Grand Rounds</td>
<td>AIDS Clinic</td>
<td>Intake Rounds</td>
<td>Student/Resident Topic Session</td>
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<td>9:00 – 12:00</td>
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<td>I.D. Clinic</td>
<td>Intake Rounds</td>
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<td><strong>PM</strong></td>
<td>12:00 - 1:00</td>
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<td>1:30 - 4:00</td>
<td>12:00 - 1:00</td>
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<td></td>
<td>Medicine Lecture Series</td>
<td>Teaching Rounds</td>
<td>Teaching Rounds</td>
<td>Teaching Rounds</td>
<td>I.D. Grand Rounds</td>
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<td>1:30 - 5:00 I.D. Teaching Rounds 2:00 - 3:15 Chest I.D. Comb Conference</td>
<td>5:00 - 6:30 Mandell Reading Club</td>
<td>1:30 - 3:30 Combined Rounds</td>
<td>4:30 - 5:30</td>
<td>1:30 - 3:30</td>
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<td>1:30 - 3:00</td>
<td>1:30 - 3:30 Combined Rounds</td>
<td>1:30 - 3:30 Combined Rounds</td>
<td>1:30 - 3:30</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  INFECTION DISEASES

Advanced Clinical Clerkship

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

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

STUDENT COORDINATOR:
La Donna Marberry
PHONE #: (661) 326-2168

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 EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

COURSE OBJECTIVES (in order of importance)
1. Learn to evaluate in detail through the mechanism of history and physical 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.

2002-2003  ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

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

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 MONTH/STUDENT: 30
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 80

TYPICAL WEEKLY SCHEDULE

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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>
<td></td>
<td>8:00 Immunology Clinic</td>
<td>8:30 Coccidioidomycosis Clinic</td>
<td>10:00 Consult Rounds</td>
<td>10:00 Consult Rounds</td>
<td>10:00 Consult 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>
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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 & 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 will be reimbursed for this. Lodging is provided by the department at no cost to the student.
ME245.04 INFECTIOUS DISEASES

Advanced Clinical Clerkship

COURSE CHAIR: Glenn Mathisen, M.D.
PHONE #: (818) 364-3205

SUPPORTING FACULTY: Drs. Suzanne Donovan, Glenn Mathisen, and Michael Cohen

STUDENT COORDINATOR: Tony Moreno
PHONE #: (818) 364-3205

REPORT TO:
Tony Moreno, Room 2B-182, 8:00 am.

PREREQUISITES: Medicine

AVAILABLE TO EXTERNs: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
2, 5, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

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 provides 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

COMMON PROBLEMS/DISEASES

1. Bacterial pneumonia
2. Sepsis
3. Tuberculosis
4. AIDS
5. Fungal disease
6. Parasitic disease
7. Hospital Acquired Infection
8. 

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

CLOSE CONTACT WITH:

X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER: Nurse Epidemiologist

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 50-70

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>9:00 - 10:00 Journal Club &amp; ID Lecture</td>
<td>Combined UCLA ID Conference</td>
<td>See Consults</td>
<td>ID Clinic / OVMC</td>
<td>Intramural Case-Conference at O.V</td>
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<td></td>
<td>9:30 - 1:00 see Consults</td>
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<tr>
<td>PM</td>
<td>1:30 - 5:00 ID Rounds with Attendings</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


COURSE CHAIR: PHONE #: Matthew Goetz, M.D. (310) 268-3015

SUPPORTING FACULTY: Drs. S. Finegold, J. Fleischmann, D. Haake, D. Rhew, and W. Schwartzman

STUDENT COORDINATOR: PHONE #: Geri Gooden (310) 268-3015

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

AVAILABLE TO EXTERNs: Yes

PREREQUISITES: 3rd year clerkship in Internal Medicine

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS: 2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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.

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  INPATIENT: 80%
2. Bacteremia/fungemia  OUTPATIENT: 20%
3. Urinary tract infection  CONSULTATION: 100%
4. HIV infection  PRIMARY CARE: 0%
5. Osteomyelitis
6. Endocarditis
7. Intra-abdominal infection
8. Central nervous system infection

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 12-25
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 80

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>9:00-12:00 Work Rounds With Fellows And Residents; Evaluate New Consults</td>
<td>9:00-10:30 Combined I.D. Conference (WVA, OVMC/SVA &amp; CS)</td>
<td>9:00 - 12:00 Work Rounds &amp; New Consults</td>
<td>9:00 - 11:00 Work Rounds</td>
<td>9:00 - 11:30 ID Clinic</td>
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<td></td>
<td>12:00 - 1:00 Noon Conference</td>
<td>12:00 - 1:00 Medical Grand Rounds</td>
<td>12:00 - 1:00 Grand Rounds (Twice Monthly)</td>
<td>12:00 - 1:00 Noon Conference</td>
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</tr>
<tr>
<td>PM</td>
<td>1:30 - 3:30 Attending Rounds with Full-Time Faculty, 4:00 - 5:00 ID/Pulmonary Medicine Combined Conference (Monthly)</td>
<td>1:00 - 4:30 Immunodeficiency Clinic</td>
<td>1:30 - 3:30 Attending Rounds</td>
<td>1:30 - 3:30 Attending Rounds</td>
<td>1:30 - 3:30 Attending Rounds</td>
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</tbody>
</table>

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.
ME245.07 INFECTION DISEASES

Advanced Clinical Clerkship

Location: CS

COURSE CHAIR: R. Murphy, M.D.
PHONE #: (310) 423-3896

SUPPORTING FACULTY:
Drs. P.L. Gaut

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

2002-2003 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 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 antimicrobial agents, including appropriate use of serum level determinations.

6. Increased proficiency in collection, analysis, and presentation of data, especially in consultative format.

7. Knowledge of use and indication for dilution and synergy susceptibility testing.

DESCRIPTION:

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 MONTH/STUDENT: 12
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 60

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:00 Work Rounds with Fellows and Evaluation of New Consults 9:00 Core Lectures 10:30 ID Consult Rounds</td>
<td>9:00 UCLA Combined Clin. Conf. Wadsworth, Sepulveda or CSMC</td>
<td>9:00 I.D. Clinic</td>
<td>8:30 Work Rounds with Fellows and Evaluations of New Consults 11:00 Microbiology Lab. Rounds 9:00- 11:00 Core Lectures</td>
<td>8:30 Med. Grand Rounds 11:00 Microbiology Lab Rounds</td>
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<tr>
<td>PM</td>
<td>4:00 - 6:00 Attending I.D. Rounds</td>
<td>12:00 Med. I.D. Grand Rounds (monthly) 1:15 Core Lecture 2:15 Work Rounds</td>
<td>4:00 - 6:00 Attending I.D. Rounds</td>
<td>1:00 Med./Peds. I.D. Conference</td>
<td>1:00 - 5:00 Attending I.D. Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Clinical research - programs include evaluation of new antimicrobial agents (antifungals, anti-pneumocystis, anti-HIV), clinical reviews of specific diseases. *Additional faculty, P. Wolfe, P. Zakowski, R. Hansen, I. Posalski, C. Gaultier, H. Pitchon, P. Ruane, L. Bhatti.
## 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. Antiobiotic and antiviral chemotherapy regimens:
   - Current usage patterns

## 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 MONTH/STUDENT:

10-20

## TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:

60-80

## TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:00-9:00 Morning Report</td>
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<td></td>
<td>9:00-12:00 Workup New Consults and Review Prior Patients</td>
<td>Workup New Consults and Review Prior Patients</td>
<td>Workup New Consults and Review Prior Patients</td>
<td>Workup New Consults and Review Prior Patients</td>
<td>Workup New Consults and Review Prior Patients</td>
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<tr>
<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 workup of an infectious disease problem sharpens clinical skills in that it involves rigorous examination of the patients' 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

COURSE OBJECTIVES (in order of importance)

1. Teach/expose students to fundamental principles of General Internal Medicine and medical aspects of surgical diseases.

2. General Medical consultation on all surgical services, including preoperative medical evaluation of risk factors and clearing or denying major surgical interventions.

3. Management of post operative complications - surgical patients with previous myocardial infarction, arrhythmia, hypertension, diabetes, COPD, CHF, etc.

4. Prevention of postoperative complications, including measures to prevent deep vein thrombosis (DVT), pulmonary embolism (PE), and postoperative infections.

5. Ambulatory care clinic for General Medical care, including emphasis on the value of screening, early detection, and prevention of certain medical diseases, including cancer. Geriatric medicine is also emphasized.

6. Didactic teaching of General Internal Medicine through regular weekly conferences and daily bedside medical rounds.

7. Regular weekly rounds to learn about radiologic aspects of common medico-surgical diseases in the corresponding supporting divisions: x-ray, ultrasound, nuclear scan, etc.

8. Teach/exposure to medical indications/contraindications & complications of general & spinal anesthesia.

DESCRIPTION:

This course emphasizes the management of the complex medical problems of all hospital in-patients who are not on medical wards. 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 MONTH/STUDENT: 12-16
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 40-60

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>7:30 Clinical Conf. PCDC</td>
<td>8:30 Grand Rounds</td>
<td>7:30 Clinical Conf. PCDC</td>
<td>7:30 Clinical Conf. PCDC</td>
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<td>8:30 Patient Care/ Consults</td>
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<td></td>
<td>9:30 Consult Core Curriculum</td>
<td>10:00 X-Ray Rounds</td>
<td>9:30 Consult Core Curriculum</td>
<td>9:30 Consult Core Curriculum</td>
<td>9:30 Consult Core Curriculum</td>
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<td>10:00 Perioperative Rounds</td>
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<td>10:00 Perioperative Rounds</td>
<td>10:00 Attending Rounds</td>
<td>10:00 Perioperative Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 Internal Medicine Lecture</td>
<td>12:00 EKG/CXR Conference</td>
<td>12:00 Primary Care Grand Rounds</td>
<td>12:00 Medical M &amp; M</td>
<td>12:00 Infectious Disease Conference</td>
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<td>1:00 Preoperative Clinic PCDC</td>
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<td>1:30 High Risk OB Clinic</td>
<td>3:30 Attending Rounds</td>
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<td>3:30 Perioperative Sign-Out Rounds</td>
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<td>3:30 Perioperative Sign-Out Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR: Royce H. Johnson, M.D., F.A.C.P.  PHONE #: (661) 326-2224
Director of Medical Students-Ragland


STUDENT COORDINATOR: La Donna Marberry  PHONE #: (661) 326-2168

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

PREREQUISITES: None

AVAILABLE TO EXTERNISTS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS: 2,5,8,11,14,17,20,27,30,33,36,39,42,45

COURSE OBJECTIVES (in order of importance)

1. Achieve proficiency in: obtaining history, physical exam, data collection, case presentation, basic diagnostic tests, therapeutic procedures.
2. Experience in writing orders & understanding problem oriented progress notes.
3. Establish priorities in diagnostic tests; interpretation of lab data; cost-effective patient evaluation.
4. Develop clinical judgment & decision-making skills.
5. Ascertain patient’s goals understanding & adherence with meds and/or lifestyle changes.
6. Understand the basic concept & dilemmas in medical ethics.
7. Role of computers in medicine & their use in education, practice management, QA.

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

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
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Pharmacists, Nurses, Respiratory Therapists, and Dieticians

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 36-40
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: N/A

TYPICAL WEEKLY SCHEDULE

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<td>8:30 Work Rounds</td>
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<td>10:00 Teach Rounds</td>
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<td></td>
<td>1:30 Dis. Of Major Diseases</td>
<td>1:30 Ambulatory Care Center</td>
<td>1:30 Dis. Of Major Diseases</td>
<td>1:30 Preceptor Rounds</td>
<td>1:30 Student Case Study E.O.W.</td>
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<td>3:00 Student Lecture</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On-call every eighth night: Saturday am 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.
ME250.04 ADVANCED CLINICAL DIAGNOSIS

Advanced Clinical Clerkship

Location: SFVMP

COURSE CHAIR:
Author Gomez, M.D.
(818) 891-7711 x5129

SUPPORTING FACULTY:
Drs. M. Jackson - Triche, S. Anderson, M. Heng, R. Weisbart, C. Grimm, D. Fujikawa

STUDENT COORDINATOR:
Natalie Doramajian
(818) 895-9394

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

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 gramstain.

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 w/ 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 MONTH/STUDENT:

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:

TYPICAL WEEKLY SCHEDULE

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<tbody>
<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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<tr>
<td>PM</td>
<td>1:00 - 4:30 Musculoskeletal PE of the Back</td>
<td>1:00 - 4:30 Skin exam Physical Diagnosis Rounds, OV Wards</td>
<td>1:00 - 4:30 Overview - History Taking Skills</td>
<td>1:00 - 4:30 Musculoskeletal Exam</td>
<td>1:00 - 4:30 Pulmonary Cases</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

Advanced Clinical Clerkship Location: CHS

COURSE CHAIR: PHONE #: COURSE OBJECTIVES (in order of importance)
Christopher B. Cooper, M.D. (310)-825-5988
1. Review each organ system for common and significant signs.

SUPPORTING FACULTY:
Jonathan Goldin, M.D., Ph.D.
Alan Wilkinson, MD
2. Provide in-depth illustration of diagnostic signs.

STUDENT COORDINATOR: PHONE #: 3. Cover all major organ systems in patients.
Annie Saenz (310)-825-5988
4. See, feel, and hear important physical signs which students may

REPORT TO: Dr. Christopher B. Cooper not have previously experienced and may have uncertainties
37-131 CHS (Pulmonary Div. Office)

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXTERNALS: No

STUDENTS / PERIOD: max 24 min 6

DURATION: 2 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
30

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 INPATIENT: 50% CLOSE CONTACT WITH:
1. Cardiovascular OUTPATIENT: 50% FULL TIME FACULTY
2. Respiratory CONSULTATION: N/A%
3. Abdominal PRIMARY CARE: N/A%
4. Neurologic
5. Musculo-skeletal
6. Ophthalmologic
X FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 50

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>9:00 a.m. Lecture</td>
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<td>10-12 Directed readings, demonstration of diagnostic modality</td>
<td>10-12 Directed readings, demonstration of diagnostic modality</td>
<td>10-12 Directed readings, demonstration of diagnostic modality</td>
<td>10-12 Directed readings, demonstration of diagnostic modality</td>
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<td>PM</td>
<td>1:00 - 5:00 p.m. Patient</td>
<td>1:00 - 5:00 p.m. Patient</td>
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<td>1:00 - 5:00 p.m. Patient</td>
<td>Practical Exam</td>
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<td>Presentation &amp; discuss</td>
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<td>Presentation &amp; discuss</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: *Identify the organ system abnormality shown in three short cases. The patients will be those with stable abnormal physical signs recruited from the Dept. of Medicine inpatient services or outpatient clinics and brought to the hospital specifically for this course.
ME253.01  MINMET SHORTAGE AREA PRECEPTORSHIP


COURSE OBJECTIVES (in order of importance)
1. To prepare students to begin practice in a minority shortage area of California in the 1990s 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 1990s and beyond.
3. To put 5-15 medical students attending various U.S. medical schools, who are planning to practice in a specific minority shortage area, in contact with each other for future joint activities or group practice in that shortage area.
4. To put students in contact with successful physicians, medical directors, clinic administrators, and others in a shortage area with whom they may work in the 1990s.
5. 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.

DESCRIPTION:  Purpose is to prepare students for future practice in minority shortage areas of Calif. Ideally, students should take course when it is given in the area that they plan to practice in. 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 with 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. Program is flexible in scheduling students to take course in shortage area of their choice. Seminars will be accompanied by a syllabus of readings on minority health policy issues.

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
5.
6.
7.
8.

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  varies: 30-100
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  varies

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>Preceptor Patient Care (Seminar and Discussion 2 or 3 Mondays)</td>
<td>Preceptor Patient Care (Seminar and Discussion 2 or 3 Tuesdays)</td>
<td>Preceptor Patient Care</td>
<td>Preceptor Patient Care</td>
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<tr>
<td>PM</td>
<td>Preceptor Patient Care (Seminar and Discussion 2 or 3 Mondays)</td>
<td>Preceptor Patient Care (Seminar and Discussion 2 or 3 Tuesdays)</td>
<td>Preceptor Patient Care</td>
<td>Preceptor Patient Care</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  Voluntary group social activities (dinner, bar-b-que) attended by students, preceptors, seminar speakers.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  A brief student project can be done individually or in small groups. Students should have access to a car to travel to seminars; students in one area can carpool to seminar site. Housing may be available for students w/preceptors or others, if needed. Bilingual skills in English & Spanish not required, but would be very helpful.

150
Advanced Clinical Clerkship

Location: KDMC

2002-2003
12/4/2001

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

SUPPORTING FACULTY: Adeleh Esfandiari, DVM, Ph.D.  (323) 563-5986

STUDENT COORDINATOR: Adeleh Esfandiari, DVM, Ph.D.  (323) 563-5986

REPORT TO: Adeleh Esfandiari, DVM, Ph.D.

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

2002-2003 ROTATIONS BEGIN WEEKS: By Arrangement

COURSE OBJECTIVES (in order of importance)

1. To actively participate in the diagnosis & management of diseases found in developing countries.

2. To sharpen microscopic & radiologic diagnostic & 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 multi-disciplined (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.

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 or a Drew Faculty clinician.

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.
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.

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

INPATIENT: 30%
OUTPATIENT: 70%
CONSULTATION: 30%
PRIMARY CARE: 70%
CLOSE CONTACT WITH:
FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER Physical & Occupational Therapists

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 20+
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 600

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 Cardiac Rehab</td>
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<td></td>
<td>OP Clinic</td>
<td>Prosthetics or Musculoskeletal Lecture Series</td>
<td>Patient Evaluation* OP Clinic</td>
<td>Electromyography</td>
<td>Ortho Clinic</td>
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<td></td>
<td>Core Lecture Annual Lecture Series</td>
<td>Patient Evaluation*</td>
<td>Chronic Pain Clinic</td>
<td>Falls Clinic</td>
<td>Wellness Clinic or Gait Lab</td>
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<td>Neurolysis (Nerve and muscle block) clinic</td>
<td>Neurolysis (Nerve and muscle block) clinic</td>
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<tr>
<td>PM</td>
<td>Patient Evaluation*</td>
<td>OP Clinic</td>
<td>Patient Evaluation*</td>
<td>Chronic Pain Clinic</td>
<td>Patient Evaluation*</td>
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<td>OP Clinic</td>
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<td>OP Clinic</td>
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<td>Brace Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: No night call.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: A student on this clinical clerkship will spend one week on the Rehabilitation Medicine Inpatient Bed (student will be primary care physician for selected rehabilitation inpatients) and two 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.
ME254.03 PHYSICAL MEDICINE & REHABILITATION INTRODUCTION

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 280 W

PREREQUISITES: Medicine

AVAILABLE TO EXTERNS: No

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS: 2, 5, 8, 11, 14, 17, 20, 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 workups associated with rehabilitation problems.
7. To understand methods of approaching difficult patient behaviors.
8. To understand research frontiers in the field, current cost issues, 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 X
CLINICAL FACULTY
FELLOWS
X RESIDENTS
INTERNS
X OTHER All therapists, MSWs, psychologists

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:
OPD =10, INPT=20

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: OPD=100, INPT=200

TYPICAL WEEKLY SCHEDULE

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<th>Hour</th>
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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>
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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 - 11:00 Consults Therapy Observation</td>
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<td></td>
<td>10:00 - 12:00 Consults Therapy Observation</td>
<td>11:00 - 12:00 Conference</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 (Optional)</td>
<td>11:30 - 1:00 Didactic PM&amp;R Lectures (Optional)</td>
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<td>1:00 - 5:00 Consults, Rounds</td>
<td>1:00 - 3:00 Didactic PM&amp;R Lectures (Optional)</td>
<td>1:00 - 5:00 Outpatient Clinic</td>
<td>1:00 - 3:00 Didactic PM&amp;R Lectures (Optional)</td>
<td>1:00 - 3:00 Consults, Rounds</td>
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<td>1:00 - 5:00 Wadsworth VA</td>
<td>3:30 - 5:00 Out-patient Clinic</td>
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<td>3:30 - 5:00 Conference</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.
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

COURSE OBJECTIVES (in order of importance)

2. Improve clinical skills such as medical interviewing, physical exam (breast exam, pelvic exam), procedural skills (pap smears).

STUDENT EXPERIENCES

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

TYPICAL WEEKLY SCHEDULE

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<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>Sepulveda VA PACE Clinic</td>
<td>Sepulveda Women's Health 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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<td>NP Clinic</td>
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<tr>
<td>PM</td>
<td>Sepulveda Women's Health Clinic</td>
<td>West Los Angeles Gynecology Clinic</td>
<td>Sepulveda VA PACE Clinic</td>
<td>Sepulveda Women's Health Clinic</td>
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<td>NP Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
Advanced Clinical Clerkship

COURSE CHAIR: Harvey C. Gonick, M.D.
PHONE #: (310) 423-7880

SUPPORTING FACULTY:
Drs. Arieff, Cohen, Fichman, Jordan, Levine, Makoff, Nast, and Rodrigues

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

2002-2003 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 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:

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%
OTHER

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 Journal Club B-203 Conf Rm. Becker Bldg.</td>
<td>8:00 - 9:00 HM 4&amp;5 Renal Gr. Rds (combined with Endo once/month - All Flows, Res. &amp; Studts)</td>
<td>8:30 - 12:00 Wadsworth VA Renal Clinic (C Flows, Res. &amp; Studts.)</td>
<td>7:00 - 8:00 UCLA/VA Renal Grd Rds, 3rd Bldg. VA Conf Rm</td>
<td>12:45 - 1:30 Renal Path Conf, 6th Bldg. Flows, Res.</td>
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<td>9:00 - 12:00 Transplant Clinic (T. fellow)</td>
<td>9:30 - 11:00 CAPD Clinic - Dr. Rodriguez (T. fellow)</td>
<td>10:00 - 11:00 Attending Rds 6SW Conf. Rm, Fellows, Res., Studts.</td>
<td>10:45 - 11:30 Renal Path Conf, 6th Bldg. Flows, Res.</td>
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<td>10:00 - 12:00 Attending Rds</td>
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<td>11:00 - 12:00 Fluid &amp; Electrolyte Conf. 6SW Conf Room</td>
<td>1:30 - 3:30 Transplant Rds. (T. fellow)</td>
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<td>1:30 - 3:30 Transplant Rds. (T. fellow)</td>
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<td>5:00 - 6:00 Radiology Rounds (6 lectures per year)</td>
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<td>1:30 - 3:30 Transplant Rds. (T. fellow)</td>
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<td>5:00 - 6:00 Radiology Rounds (6 lectures per year)</td>
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<td>Fellows, residents, students. Dr. A. Cohen 4:00-6:00 Transplant Rounds (T. fellow) 4:00-5:00 Hemodialysis Rds. (consult fl. Rodriguez)</td>
<td>4:00:30 Transplant Rds. (T. fellow) 6SW Conf. Rm.</td>
<td>4:00:30 Transplant Rds. (T. fellow) 6SW Conf. Rm.</td>
<td>4:00:30 Transplant Rds. (T. fellow) 6SW Conf. Rm.</td>
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<td>4:00:30 Transplant Rds. (T. fellow) 6SW Conf. Rm.</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: None
ME260.02 GENERAL NEPHROLOGY

Advanced Clinical Clerkship

Location: CHS

2002-2003
5/5/2002

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

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

STUDENT COORDINATOR:
Lesley Edelstein
PHONE #: (310) 206-6741

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

PREREQUISITES: Medicine

AVAILABLE TO EXTERN: No

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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 hyposmolar 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 workup 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.

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.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Acute renal failure
2. Chronic renal failure
3. Acid-base disturbances
4. Fluid and electrolyte abnormalities
5. Calcium/phosphorus abnormalities
6. Renal stone disease
7. Hypertension-primary & secondary
8.

INPATIENT: 80%
OUTPATIENT: 20%
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 MONTH/STUDENT: 20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 50-60

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>9:00 - 12:00 General Nephrology Clinic</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>
<td>7:15 - 8:00 Pathophysiology Conference VAMC</td>
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<td>9:00 - 12:00 General Nephrology Clinic</td>
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<tr>
<td>PM</td>
<td>4:00 - 5:00 Tuesday Housestaff Renal Conference (every other week)</td>
<td>12:00 - 1:00 Morbidity &amp; Mortality Conference 43-105 CHS (Last Thursday)</td>
<td>12:00 - 1:00 Morbidity &amp; Mortality Conference 43-105 CHS (Last Thursday)</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:
Advanced Clinical Clerkship

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 #:  
Natalie Doramajian  (818) 895-9394

REPORT TO:  
Natalie Doramajian, Bldg. 200, Room 3424, 8:30 a.m.

PREREQUISITES:  Medicine

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 2 min 1

DURATION:  3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:  
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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.

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.

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
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  20

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>Noon Conference</td>
<td>8:00 - 8:30 Chief’s Seminar</td>
<td>8:30 - 12:00 Renal Clinic @ OVMC</td>
<td>7:00 - 8:00 Renal Grand Rounds</td>
<td>7:15 - 8:15 Renal Pathophysiology</td>
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<td></td>
<td></td>
<td>8:30 - 12:00 Renal Clinic @ SVAMC</td>
<td>8:30 - 12:00 Medical Grand Rounds</td>
<td>8:15 - 9:15 Research Seminar</td>
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<td></td>
<td>8:30 - 1:00 Journal Club or Renal Imaging (last Tuesday)</td>
<td>10:00 - 12:00 Nephrology Core Curr.</td>
<td>Noon Conference</td>
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<tr>
<td>PM</td>
<td>2:00 - 4:00 Consult Rounds</td>
<td>2:00 - 4:00 Consult Rounds</td>
<td>2:00 - 4:00 Consult Rounds</td>
<td>2:00 - 4:00 Consult Rounds</td>
<td>2:00 - 4:00 Consult Rounds</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
Advanced Clinical Clerkship  

Location: HARBOR  

2002-2003  
1/28/2002  

COURSE CHAIR:  
Joel D. Kopple, M.D.  
PHONE #:  
(310) 222-3891  

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

STUDENT COORDINATOR:  
Kathy Rowley  
PHONE #:  
(310) 222-3891  

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

PREREQUISITES:  
Medicine  

AVAILABLE TO EXTERNS:  
Yes  

STUDENTS / PERIOD:  
max 3  
min 1  

DURATION:  
3 weeks (4 weeks By Arrangement)  

2002-2003 ROTATIONS BEGIN WEEKS:  
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48  

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.  

COURSE OBJECTIVES (in order of importance)  
2. Medical judgment, analysis of medical data, and synthesis of information.  
3. Interpretation of tests: Electrolytes, blood gasses, urinalysis.  
4. Oral presentations.  
5. Medical record keeping; data collection and recording.  
6. Knowledge of drugs, particularly antihypertensive drugs.  
7. Diagnosis and management of complex in-patient problems, particularly renal failure.  
8. Knowledge of techniques or procedures: peritoneal and hemodialysis.  

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  

INPATIENT:  
75%  

OUTPATIENT:  
25%  

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

CONSULTATION:  
90%  

PRIMARY CARE:  
10%  

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  
20  

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

TYPICAL WEEKLY SCHEDULE  

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<tr>
<th>Hour</th>
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<tr>
<td>AM</td>
<td>8:30 - 9:30 Medical Grand Rounds&lt;br&gt;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*&lt;br&gt;10:00-12:00 Consult Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 - 1:00 Medicine Lecture Series&lt;br&gt;1:00-2:30 Neph Grand Rds&lt;br&gt;3:00-5:00 Neph Rnds&lt;br&gt;5:00-6:00 Transplant Rounds (optional)</td>
<td>2:00 - 5:00 Consult Rounds&lt;br&gt;5:00 - 6:00 Transplant Rounds (optional)</td>
<td>2:00 - 4:00 Consult Rounds&lt;br&gt;4:30 - 6:00 Journal Club, Renal Pathology Research Conference</td>
<td>12:00 - 1:00 Morbidity and Mortality Conference&lt;br&gt;3:00 - 5:00 Consult Rounds</td>
<td>1:00 - 4:00 Hypertension Clinic</td>
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</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.
ME260.05  Nephrology


COURSE CHAIR:  Barton S. Levine, M.D.  PHONE #:  (310) 268-3835


STUDENT COORDINATOR:  Helen Coleman  PHONE #:  (310) 268-3834

REPORT TO:  Nephrology Section W111L, VA Med Ctr West L.A., Bldg. 500, Rm. 6023; 9:00 am.

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.

AVAILABLE TO EXTERNALS:  Yes

STUDENTS / PERIOD:  max 2 min 1

DURATION:  3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

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 daily 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  INPATIENT:  75%  OUTPATIENT:  25%  CONSULTATION:  90%  PRIMARY CARE:  10%  CLOSE CONTACT WITH:  
1. Acute renal failure  X  FULL TIME FACULTY  
2. Chronic renal failure  X  FELLOWS  
3. Proteinuria  X  RESIDENTS  
4. Complications of dialysis therapy  X  INTERNS  
5. Electrolyte disturbances  OTHER
6. Acid-base disorders  
7. Hypertension  
8. Glomerulonephritis

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  16
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  50

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>In-Patient Workups/Didactic Sessions</td>
<td>7:30-8:30 Journal Club</td>
<td>8:30 - 11:30 Renal Clinic</td>
<td>7:00 - 8:00 Renal Grand Rounds</td>
<td>7:15 - 8:15 Pathophysiology Seminar (UCLA-CHS Participation) 8:15 -9:15 Research In Progress (UCLA-CHS Participation) In-Patient Workups Didactic</td>
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<tr>
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<td></td>
<td>9:00 - 12:00 In-Patients Workups/Didactic Sessions</td>
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<td>9:00 - 12:00 Hypertension Clinic</td>
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<tr>
<td>PM</td>
<td>1:30 - 3:30 Attending Rounds</td>
<td>1:30 - 3:30 Attending Rounds</td>
<td>12:00 - 1:00 Medical Grand Rounds Attending Rounds In-Patient Workups</td>
<td>1:30- 3:30 Attending Rounds</td>
<td>1:30 - 3:30 Attending Rounds</td>
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<tr>
<td></td>
<td>In-Patient Workups</td>
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<td>In-Patients Workups</td>
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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 workup 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.
Location: ST. MARY

COURSE CHAIR: 
Drs. C. Choi & C. Calescibetta (562) 491-9350
(562) 491-9240

SUPPORTING FACULTY:
Nephrology Attending Staff

STUDENT COORDINATOR: 
Julie Yan (562) 491-9350

REPORT TO: 
Department of Medical Education, 529 E. 10th St.,
Long Beach, CA 90813.

PREREQUISITES: Medicine

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

DESCRIPTION:

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.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Renal failure - chronic
2. Renal failure - acute
3. Hemodialysis and its complications
4. Acid-base disorders
5. Fluid-electrolyte disorders

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 12
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 35

TYPICAL WEEKLY SCHEDULE

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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>
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<tr>
<td>PM</td>
<td>Noon Teaching Conference</td>
<td>Teaching Conference</td>
<td>Teaching Conference</td>
<td>Teaching Conference</td>
<td>Grand Rounds</td>
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<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
Advanced Clinical Clerkship  
Location: KDMC  
2002-2003  
1/28/2002

COURSE CHAIR:  
Harry J. Ward, M.D.  
PHONE #:  
(310) 668-3177

SUPPORTING FACULTY:  
G. Connor, K. Norris, & J. Sharif

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

REPORT TO:  
Harry J. Ward, M.D., Room #2197 H. Hawkins Building. 8:30 a.m.

PREREQUISITES:  
Medicine

AVAILABLE TO EXTERNS:  
No

STUDENTS / PERIOD:  
max 2 min 1

DURATION:  
3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:  
By Arrangement

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 5 patients per week, workup each patient, and present and discuss the findings with the renal faculty. For inpatient workups 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.

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 workup 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.

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

INPATIENT:  
70%  
OUTPATIENT:  
30%

CONSULTATION:  
90%

PRIMARY CARE:  
10%

CLOSE CONTACT WITH:

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  
20

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

TYPICAL WEEKLY SCHEDULE

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<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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<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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<td>11:00 - 12:00 Grand Rounds (Int. Med.)</td>
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<tr>
<td>PM</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>
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<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 - 5:30 Attending Rounds and Case Discussions</td>
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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.
Advanced Clinical Clerkship  
**Location:** KAISER.SUN  
**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 tests 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 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 tests 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.

**SUPPORTING FACULTY:**

**STUDENT COORDINATOR:**
Clerkship Coordinator  
**PHONE #:** (323) 783-4516

**PREREQUISITES:** Medicine and Surgery

**AVAILABLE TO EXTERNS:** Yes

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

**DURATION:** 3 weeks

**2002-2003 ROTATIONS BEGIN WEEKS:**
2, 5, 8, 11, 14, 17, 20, 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 out-patient 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:**
- FULL TIME FACULTY
- CLINICAL FACULTY
- FELLOWS
- RESIDENTS
- INTERNS
- OTHER Hemodialysis, Ancillary staff

**APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:** 10 - 12

**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:** 150

**TYPICAL WEEKLY SCHEDULE**

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<tbody>
<tr>
<td>8:00 -8:30 AM</td>
<td>Morning Report</td>
<td>Morning Report</td>
<td>Morning Report</td>
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<tr>
<td>11:00 - 12:00 AM</td>
<td>Attending Rounds</td>
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<td>12:00 - 1:30 PM</td>
<td>Renal Grand Rounds</td>
<td>Patient Care Conference</td>
<td>Renal Journal Club or Dialysis Conference</td>
<td>Consultation Rounds</td>
<td>Sign Out Rounds</td>
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<tr>
<td>1:30 - 2:00 PM</td>
<td>Consultation and Work Rounds</td>
<td>Consultation and Work Rounds</td>
<td>Consultation and Work Rounds</td>
<td>Renal OP Clinic</td>
<td>Consultation and Work Rounds</td>
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<tr>
<td>3:00 - 5:00 PM</td>
<td>Renal Journal Club &amp; Patient Problem Conference</td>
<td>Medicine Grand Rounds</td>
<td>Urology Grand Rounds</td>
<td>Transplant Clinic (Optional)</td>
<td>Kidney Stone Clinic (optional)</td>
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</table>

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** All students get free parking while on rotation.

162
STUDENT COORDINATOR: PHONE #: Judy Jacobs (310) 423-4658
FAX (310) 423-5200

LOCATION: CS

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 in-patient problems.
7. Library research and interpretation of literature.
8. Oral presentations of clinical cases.

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 MONTH/STUDENT: 14
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 45

TYPICAL WEEKLY SCHEDULE

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

Location: S.BARBARA  

2002-2003  

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

SUPPORTING FACULTY:  
Myron I. Liebhaber, M.D., Jeffrey L. Kupperman, M.D.

STUDENT COORDINATOR:  
Linda Vent  
(805) 569-7315

REPORT TO:  
Dr. Robert Wright, MICU, Santa Barbara Cottage Hospital, 8:00am on 1st day.

PREREQUISITES:  
Medicine and Surgery

AVAILABLE TO EXTERNALS:  Yes

STUDENTS / PERIOD:  max 1 min 1

DURATION:  2 weeks

2002-2003 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 skills already achieved, and with 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%
FULL TIME FACULTY
X CLINICAL FACULTY
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  40
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  200

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
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<td>Bronchoscopy</td>
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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>
</tr>
</tbody>
</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.

164
ME270.05  RESPIRATORY PHYSIOLOGY & MEDICINE CONSULT

Advanced Clinical Clerkship  
Location:  HARBOR

2002-2003  
12/4/2001

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

PHONE #:  

SUPPORTING FACULTY:  
Respiratory Division Faculty

STUDENT COORDINATOR:  
Louella Urasaki  
(310) 222-2413

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

LOCATION:  
HARBOR

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 the compromised host with suspected lung infection.
5. Evaluation of sleep apnea.
6. Approach to pulmonary complications of AIDS.
7. Controversies in asthma pathophysiology and treatment.

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 1 min 1

DURATION:  3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

DESCRIPTION:  This elective is structured around a busy consultation service which is staffed by 2 pulmonary fellows, a medical resident, and 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 MONTH/STUDENT:  10
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  50-60

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>12:15 - 1:00 Physiology Conference (PFT, etc.)</td>
<td>8:30 - 9:30 Medical Grand Rounds</td>
<td>11:30 - 1:00 Medical Chest Conference</td>
<td>11:00 - 12:00 Consult Rounds</td>
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<td></td>
<td>12:15 - 1:00 Chest X-Ray Conference (3rd Tuesday/Month)</td>
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<td>11:30 - 1:00 Chest/Infectious Disease Conference (1st Wednesday/Month)</td>
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<td>1:00 - 3:00 Consult Rounds</td>
<td>1:00 - 2:00 TB Conference</td>
<td>1:00 - 2:00 Consult Rounds</td>
<td>12:00 - 1:00 Medical Management Conference</td>
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<tr>
<td></td>
<td>4:00 - 5:00 Special Lecture Series</td>
<td>2:00 - 3:00 Consult Rounds</td>
<td>4:00 - 5:30 Interdisciplinary Chest Conference</td>
<td>1:00 - 5:00 Chest Clinic</td>
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<td>4:00 - 5:30 Interdisciplinary Chest Conference</td>
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<td>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

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

SUPPORTING FACULTY:
None

STUDENT COORDINATOR:
Robert N. Wolfe, M.D.
PHONE #: (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

2002-2003 ROTATIONS BEGIN WEEKS:
By Arrangement

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.

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.

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
X CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 100
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 150 - 200

TYPICAL WEEKLY SCHEDULE

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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:
ME275.01  RHEUMATIC DISEASES

Advanced Clinical Clerkship

Location: CS

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 in-patient problems.
5. Interpretation of rheumatological and immunological tests.
6. Oral presentation of clinical cases.
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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 12
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 90

TYPICAL WEEKLY SCHEDULE

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<tr>
<td></td>
<td>Attending Rounds</td>
<td>UCLA-FA 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>10:00 Chief Rheum. Rounds – Dr. Weisman</td>
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<td>9:00 CSMC Clinic</td>
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<td>11:00 UCLA Clinic/Conference</td>
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<tr>
<td>PM</td>
<td>1:00</td>
<td>UCLA Harbor Clinic</td>
<td>1:00 InpatientRounds</td>
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<td>Inpatients Rounds</td>
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<td>UCLA Research Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR:  
James S. Louie, M.D.  
(310) 222-3697

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

AVAILABLE TO EXTERNALS: Yes

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

STUDENT EXPERIENCES

INPATIENT: 20%  
OUTPATIENT: 80%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 40
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 350

TYPICAL WEEKLY SCHEDULE

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<td>8:00 – 12:00</td>
<td>9:00 – 11:00</td>
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<tr>
<td></td>
<td>Rheumatology Journal Club</td>
<td>Medical Grand Rounds</td>
<td>Orthopaedic Conference</td>
<td>Lupus/RA Clinic</td>
<td>Rheumatology Attending Rounds</td>
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<td>9:30 – 10:30</td>
<td>10:00 – 12:00</td>
<td>11:00 – 12:00</td>
<td>12:00 – 1:00</td>
<td>Rheumatology Grand Rounds at UCLA</td>
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<td>Faculty Lecture</td>
<td>Rheumatology Attending Rounds</td>
<td>Radiology Conference (Dr. D. Forrester)</td>
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<td>PM</td>
<td>Consults</td>
<td>1:00 – 6:00</td>
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<td>Rheumatology Slide Collection</td>
<td>General Arthritis Clinic</td>
<td>Independent Study</td>
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<td>Rheumatology Journal Club at UCLA</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

INDEPENDENT STUDIES: Presentations at Journal Club, and Preparing Submissions for publication (Clinical).
1. Defining project with Dr. Louie/ Liebling - 3 weeks prior
2. Writing case report/ chart reviews during elective
ME275.04 CLINICAL RHEUMATOLOGY

Advanced Clinical Clerkship

Location: CHS

COURSE CHAIR: Bevra H. Hahn, M.D. (310) 825-7991

SUPPORTING FACULTY: Rheumatology Faculty and Fellows

STUDENT COORDINATOR: Weiling Chen (310) 825-7992

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

AVAILABLE TO EXTERNALS: Yes

STUDENT COORDINATOR: PHONE #: (310) 825-7992

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 or 6 weeks

2002-2003 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 4 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
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 20

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 300

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>8:00 – 9:00 Basic Science Journal Club</td>
<td>Inpatient Evaluations Attending Rounds</td>
<td>Medical Grand Rounds</td>
<td>Inpatient Evaluations Or Rheumatology Clinic</td>
<td>Rheumatology Inpatient Rounds</td>
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<td>Rheumatology Clinic 200 Medical Plaza</td>
<td>8:30 – 9:30 Rheumatology Clinic</td>
<td>Rheumatology Clinic</td>
<td>11:00 – 12:00 Rheumatology Grand Rounds</td>
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<td>Immunology Forum Didactic Review Attending Rounds</td>
<td>Independent Study or Rheumatology Clinic</td>
<td>Attending Rounds 4:00 – 5:00 Clinical Journal Club/ Research Conference</td>
<td>Didactic Review Attending Rounds</td>
<td>12:00-1:00 Health Services Research Conference</td>
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<td></td>
<td>Independent Study Or Rheumatology Clinic</td>
<td>1:00 – 5:00 Rheumatology Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME282.01  NUCLEAR MEDICINE

Advanced Clinical Clerkship

LOCATION: SVA

2002-2003
1/28/2002

COURSE CHAIR:  PHONE #:  
Marvin B. Cohen, M.D.  (818) 895-9332

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

STUDENT COORDINATOR: PHONE #:  
Marvin B. Cohen, M.D.  (818) 895-9332

REPORT TO:
Radiation Safety Officer, VAS, Bldg. 200 NUCL. MED.

PREREQUISITES:  Medicine

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD:  max 2  min 1

DURATION:  2 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
4, 6, 12, 16, 22, 30, 36, 40, 44, 50 or by arrangement

COURSE OBJECTIVES (in order of importance)

1. Knowledge of the component parts and basic principles of Nuclear Medicine with emphasis on diagnostic clinical applications.
2. Clinical interpretation of imaging studies including brain, thyroid, lung, heart, liver, gallbladder, spleen, kidney, clot localization, abscess, and tumor detection.
4. Basic physics of radiation, scintillation counting, and imaging plus recent developments in instrumentation.
5. Principles of radioimmunoassay including sensitivity, specificity, dose response curve, production, and assay of antisera, separation of free and bound, 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:  0%  
OUTPATIENT:  100%  
CONSULTATION:  100%  
PRIMARY CARE:  0%  
CLOSE CONTACT WITH:  
X  FULL TIME FACULTY
X  CLINICAL FACULTY
FELLOWS
X  RESIDENTS
INTERNS
X  OTHER Physicist, Radiopharmacist, Radiation Safety Officer, Chief Technologist

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  60
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  150

TYPICAL WEEKLY SCHEDULE

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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 Physics Lecture</td>
<td>8:30 - 10:00 Radiopharmacy</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>10:30 - 12:00 Radiopharmacy Lecture</td>
<td>10:00 - 11:00 Radiopharmacy Lecture</td>
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<td></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>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 - 4:00 Nuclear Medicine Clinic</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 &amp; Dictation Of Studies</td>
<td>4:00 - 5:00 Imaging Interpretation &amp; Dictation Of Studies</td>
</tr>
<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>
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<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 &amp; Dictation Of Studies</td>
<td>4:00 - 5:00 Imaging Interpretation &amp; Dictation Of Studies</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS & OTHER SPECIAL REQUIREMENTS: Clerkship includes multiple special lectures to give student a comprehensive overview of Nuclear Medicine.

170
ME298.01 COMPREHENSIVE PAIN MANAGEMENT

Advanced Clinical Clerkship

Location: WVA

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

PHONE #:

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.

SUPPORTING FACULTY:

STUDENT COORDINATOR:
Deville Fuller
(310) 478-3711 x48322

PHONE #:

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 2 weeks

2002 - 2003 ROTATIONS BEGIN WEEKS:
2, 4, 6, 8, 10, 12, 14, 16, 8, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50

INTRODUCTION: The comprehensive pain program consists of a Multidisciplinary Chronic Pain Clinic, an Inpatient Pain Consultation Service, and a Palliative Care Program. 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 and acute pain 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. Student will also attend scheduled lectures geared toward pain and musculoskeletal management.

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

INPATIENT: 15%
OUTPATIENT: 85%
CONSULTATION: 0%
PRIMARY CARE: 100%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 32
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 200

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>8:00-9:00 Lecture 9:00-12:00 Pain Block Clinic</td>
<td>8:00-9:00 Lecture 9:00-12:00 Ward Consults</td>
<td>8:30-12:00 Chronic Pain Clinic</td>
<td>8:00-9:00 Lecture 9:00-12:00 Ward Consults</td>
<td>8:00-9:00 Lecture 9:00-12:00 Pain Block Clinic</td>
</tr>
<tr>
<td>PM</td>
<td>1:00-4:30 Pain Block Clinic</td>
<td>1:00-4:30 Musculoskeletal Lecture Series</td>
<td>1:00-4:30 Ward Consults and Rounds</td>
<td>1:00-4:30 Chronic Pain Clinic</td>
<td>1:00-4:30 Chronic Pain Clinic</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

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

Subinternship  Location:  KDMC

COURSE CHAIR:  THEODORE FRIEDMAN, M.D. Ph.D.  PHONE #: (323) 563-9353

SUPPORTING FACULTY:  Drs. M. Davidson, D. Echeverry, Friedman, M.D. Ph.D., S. Hsai, B. Salahian, S. Bhasin, – Endocrinology/Medicine; B. Suh, M.D.- Reproductive Endocrinology; R. Christianson, M.D.- Pediatric Endocrinology; R. Harris, M.D. 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:  PHONE #: (323) 563-9353

REPORT TO:  Dr. Friedman, Hawkins Bldg, room 3069 @ 8:30

PREREQUISITES:  Medicine and Surgery

AVAILABLE TO EXTERNS:  No

STUDENTS / PERIOD:  max 3 min 1

DURATION:  3 – 6 weeks

2002-2003 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 and Gestational Diabetes) and 4-5 regularly scheduled weekly conferences.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES  INPATIENT:  50%  OUTPATIENT:  50%  CONSULTATION:  75%  PRIMARY CARE:  25%

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

CLOSE CONTACT WITH:
X  FULL TIME FACULTY
X  CLINICAL FACULTY
X  FELLOWS
X  RESIDENTS
X  INTERNS
X  OTHER Basic Science Faculty - Nuclear Medicine Faculty

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  30

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  150-200

TYPICAL WEEKLY SCHEDULE

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<tr>
<th>Hour</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:30 Gestational Diabetes Clinic 89:00 Endocrine Morning Report Research Conference 10:00 Attending Rounds</td>
<td>8:30 Diabetes Clinic 9:00 Morning Report 10:00 Attending Rounds 11:00 Medical Grand Rounds</td>
<td>8:00 Follow-up old Consults 9:00 Morning Report 10:00 Attending Rounds 11:00 Reproductive Endocrinology Clinic</td>
<td>8:00 Follow-up Consults 9:00 Endocrine Journal Club AFH</td>
<td>8:00 Follow-up old Consults 9:00 Morning Report 10:00 Thyroid Biopsy Clinic</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 Basic Science Conference 1:00 Diabetes Clinic</td>
<td>2:00 Pediatric Endocrinology Clinic 4:00 Peds OPD</td>
<td>1:00 Adult Endocrinology &amp; Diabetes Clinics (Please be prompt)</td>
<td>1:30 Endocrine Clinical Conference B-027-N</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  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 Attending. For example in one month we saw patients with DAX-1 deficiency, pseudohypoparathyroidism, Cushing's disease, and primary hyperaldosteronism. We have a strong faculty eager to reach 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.
ME330.02 HEPATOLOGY AND LIVER TRANSPLANTATION

Subinternship

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

SUPPORTING FACULTY: Tse-Ling Fong, M.D., Paul Martin, M.D.

STUDENT COORDINATOR: Judy Jacobs (310) 423-4658

COURSE OBJECTIVES (in order of importance)
1. Increase knowledge of various hepatological diseases such as viral hepatitis, alcoholic liver disease, autoimmune 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 FELLOWS
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 12-16
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 40-50

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday*</th>
<th>Tuesday*</th>
<th>Wednesday*</th>
<th>Thursday*</th>
<th>Friday*</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>9:00 - 12:00 Liver Transplant Clinic</td>
<td>7:30 - 8:30 Liver Disease Seminar 11:00 Hepatology Rounds</td>
<td>9:00 - 12:00 Liver Transplant Clinic</td>
<td>10:00-1:00 Hepatology Clinic.</td>
<td>8:30 Medicine Grand Rounds 11:00 Rounds with Liver Transplant Team</td>
</tr>
<tr>
<td>PM</td>
<td>2:00 Rounds with Liver Transplant Team 1:00 - 5:00 Hepatology Clinic</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>
<td>2:00 Hepatopathology</td>
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</table>

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

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 "prn".
COURSE CHAIR: Pritam Badesha, M.D.

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

STUDENT COORDINATOR: Pritam Badesha, M.D.

REPORT TO: Dr. Badesha, VA Greater LA HS, Bakersfield Amb.
Care Center, Rm. 803, 9:00am 1st day

PREREQUISITES: Medicine, Surgery

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: OP 160; IP 30
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: OP 2,100; IP 200

TYPICAL WEEKLY SCHEDULE

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<th>Hour</th>
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<tr>
<td>OUT</td>
<td>Seminar w/ Attending Patient Care</td>
<td>Seminar w/ Attending Patient Care</td>
<td>Seminar w/ Attending Patient Care</td>
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<td>Work Rounds</td>
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<td></td>
<td>Conference</td>
<td>Discussion of Major Diseases</td>
<td>Conference</td>
<td>Discussion of Major Diseases</td>
<td>Conference</td>
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<td>Preceptor Rounds</td>
<td>Check Out</td>
<td>Preceptor Rounds</td>
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<td>Preceptor Rounds</td>
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<td>Check Out</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%.
Subinternship  

**COURSE CHAIR:**  Arthur Gomez, M.D.  
**PHONE #:** (818) 891-7711 x3129  

**SUPPORTING FACULTY:**  
Drs. D. Garcia, C. Grimm, G. Michelini  

**STUDENT COORDINATOR:** Natalie Doramajian  
**PHONE #:** (818) 895-9394  

**REPORT TO:**  
Natalie Doramajian, Bldg. 200, Room 3424, 8:30 am.  

**PREREQUISITES:**  
Medicine, Surgery  

**AVAILABLE TO EXTERNALS:** yes  

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

**DURATION:** 3 weeks  

**2002-2003 ROTATIONS BEGIN WEEKS:**  
2, 5, 8, 11, 14, 17, 20, 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 or her own consultation and examining room and determine his or 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).

**COMMON PROBLEMS/DISEASES**  

<table>
<thead>
<tr>
<th>1. Acute infectious disease</th>
<th>INPATIENT: 0%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Respiratory diseases; asthma</td>
<td>OUTPATIENT: 100%</td>
<td>X FULL TIME FACULTY</td>
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<tr>
<td>3. Cardiovascular diseases &amp; diabetes</td>
<td>CONSULTATION: 40%</td>
<td>X CLINICAL FACULTY</td>
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<tr>
<td>4. Musculoskeletal disorders</td>
<td>PRIMARY CARE: 60%</td>
<td>X FELLOWS</td>
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<td>5. Acute chest &amp; abdominal pain</td>
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<td>X RESIDENTS</td>
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<tr>
<td>6. Dermatologic disorders</td>
<td></td>
<td>X INTERNS</td>
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<tr>
<td>7. Soft tissue trauma: Fractures, lacerations</td>
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<td>X OTHER P.A./N.P.</td>
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<tr>
<td>8. Psychosomatic disorders</td>
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</table>

**APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:** 150  

**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:** 10,000  

**TYPICAL WEEKLY SCHEDULE**

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<th>Hour</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00 Morning Report General Medicine Clinic</td>
<td>8:00 Morning Report Rheum Clinic</td>
<td>8:00 Morning Report Sigmoid Clinic General Medicine Clinic</td>
<td>Behavioral Medicine Cardiology Clinic</td>
<td>8:00 Morning Report General Medicine Clinic</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 Noon Lecture General Medicine Clinic</td>
<td>12:00 Noon Lecture Dermatology Clinic Women’s Clinic</td>
<td>12:00 Conference General Medicine Clinic</td>
<td>12:00 Noon Lecture Urgent Care</td>
<td>12:00 Noon Lecture General Medicine Clinic</td>
</tr>
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</table>

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

**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.
ME356.01  GERIATRIC MEDICINE

Subinternship  Location:  CHS  2002-2003
5/2/2002

COURSE CHAIR:  PHONE #:  David B. Reuben  (310) 825-8253

SUPPORTING FACULTY:  

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

REPORT TO: Geriatrics Conference Room – 5th floor, CHS @ 9:30 a.m., 1st day of clerkship.

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 2  min 1

DURATION:  3 weeks

2002-2003 ROTATIONS BEGIN WEEKS: 2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

DESCRIPTION:  In this elective, we attempt to increase the senior 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 close faculty supervision.

COURSE OBJECTIVES (in order of importance)
1. To increase skills in assessment of the older patient.
2. To learn principles of interdisciplinary team approach.
3. To learn to evaluate and manage older persons in hospital ambulatory subacute rehabilitation and long-term settings.
4. To increase knowledge of diseases and syndromes that are common in clinical geriatrics.
5. To improve efficiency in patient evaluation follow-up and management.
6. To learn how psycho-social and ethical issues bear on medical illnesses of the older patient.

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  FELLOWS
X  CLINICAL FACULTY  X  RESIDENTS
X  OTHER  X  INTERNS

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  12
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  100

TYPICAL WEEKLY SCHEDULE

<table>
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<tr>
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<tbody>
<tr>
<td>AM</td>
<td>Days 1-10 Inpatient Round/Lectures, Interdisciplinary Conferences Days 11-21 Nursing Home Rounds</td>
<td>Days 1-10 Inpatient Round/Lectures, Interdisciplinary Conferences Days 11-21 Nursing Home Rounds</td>
<td>Days 1-10 Inpatient Round/Lectures, Interdisciplinary Conferences Days 11-21 Outpatients</td>
<td>Days 1-10 Inpatient Round/Lectures, Interdisciplinary Conferences Days 11-21 Outpatients</td>
<td>Days 1-10 New Hospital admission or Geriatrics Days 11-21 Outpatient</td>
</tr>
<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 Conferences Days 11-21 Specialty Women's Clinic</td>
<td>Days 1-10 Conferences Days 11-21 Outpatient</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Orientation will occur with inpatient attending at 9:30 a.m. in geriatric medicine office on 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.
STUDENT EXPERIENCES

1. Dementia
2. Affective disorder
3. Stroke rehabilitation
4. Falls, gait, and balance
5. Urinary tract problems
6. Congestive heart failure
7. Diabetes
8. Hypertension

CLOSE CONTACT WITH:

X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Allied health personnel
(Physician’s assts., geriatric social worker, public health nurse, play psychologists, and psychiatrists)

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 8-12

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 200-300

TYPICAL WEEKLY SCHEDULE

<table>
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<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>9:00</td>
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<tr>
<td></td>
<td>Work Rounds (Nursing Home)</td>
<td>Home Care Interdisciplinary Team Meeting</td>
<td>Work Rounds (Nursing Home)</td>
<td>Medical Grand Rounds</td>
<td>Work Rounds (Nursing Home)</td>
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<tr>
<td></td>
<td>10:00 Atending Rounds (Nursing Home)</td>
<td>Medical Conference</td>
<td>10:00 Atending Rounds (Nursing Home)</td>
<td>Home Visits</td>
<td>10:00 Atending Rounds (Nursing Home)</td>
</tr>
<tr>
<td></td>
<td>12:00 Geriatric Conference</td>
<td></td>
<td>12:00 Medical Conference</td>
<td></td>
<td>12:00 Medical Conference</td>
</tr>
<tr>
<td>PM</td>
<td>Geriatrics Attending Clinic</td>
<td>3:00 Multicampus Lecture Aging Seminars</td>
<td>1:00 Geriatrics Medical Clinic</td>
<td>Home Visits</td>
<td>1:00 Interdisciplinary Team Training</td>
</tr>
</tbody>
</table>

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This facility provides learning opportunities in the ANH and multiple other settings 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.
ME410.01 CARDIOLOGY

Subinternship\Inpatient  
Location: CHS  

2002-2003
12/4/2001

COURSE CHAIR:  
Janine Krivokapich, M.D. (310) 825-5486

SUPPORTING FACULTY:  
Drs. Fogelman, Maclellan, Vora, Middlefauff, Tillisch,  
Goldhaber, Weiss, Honda, Bostrom, Krivokapich

STUDENT COORDINATOR:  
Claudia Zuletta (310) 794-9736

REPORT TO:  
Janine Krivokapich, M.D., Room 47-123 CHS, 9:00 am.

PREREQUISITES:  
Medicine, Neurology, Psychiatry, Radiology, Surgery, and Obstetrics/Gynecology

AVAILABLE TO EXTERNS:  
Yes

STUDENTS / PERIOD:  
max 2  min 1

DURATION:  
3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

DESCRIPTION:  
Each student will spend 3 weeks as a sub-intern on the Cardiac Care Unit & will work up & 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
8.

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 MONTH/STUDENT: 16
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: >100

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>9:00-9:30 CCU Core Lecture Series</td>
<td>9:00-9:30 CCU Core Lecture Series</td>
<td>8:30-9:30 Grand Rounds</td>
<td>9:00-9:30 CCU Core Lecture Series</td>
<td>9:00-9:30 CCU Core Lecture Series</td>
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<td></td>
<td>9:30 - 11:30 CCU Rounds</td>
<td>9:30 - 11:30 CCU Rounds</td>
<td>9:30 - 11:30 CCU rounds</td>
<td>9:30 - 11:30 CCU rounds</td>
<td>9:30 - 11:30 CCU Rounds</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 - 1:00 Cardiology Core Curriculum</td>
<td>1:00 CCU Patient Care</td>
<td>12:00 Cardiology Diagnostic Techniques</td>
<td>12:00 Cardiology Clinical Care</td>
<td>12:00 Cardiology Ground Rounds</td>
</tr>
<tr>
<td></td>
<td>1:00 CCU Patient Care</td>
<td>5:00 Adult Cath. Conference</td>
<td>1:00 CCU Patient Care</td>
<td>1:00 CCU Patient Care</td>
<td>1:00 CCU Patient Care</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  
Students will have night call every third night with CCU Resident. Rounds from 9:30 - 11:30 a.m., 7 days a week.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COMMON PROBLEMS/DISEASES
1. Coronary artery disease
2. Valvular heart disease
3. Arrhythmias
4. Congestive heart failure
5. Anticoagulation
6. Sepsis, renal failure, pulmonary complications
7. Anemias
8. Drug interactions

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

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 80

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00 Work rounds on post open-heart surgery patients. 10:00 Work eds w/ attending cardiologists, fellow and house staff</td>
<td>8:00 Arrhythmia Conf. 9:00 Cardiology Grand Rounds 10:00 Work rounds with attending and team.</td>
<td>8:00 Work rounds 10:00 Work rounds with attending and team.</td>
<td>8:00 Work rounds 10:00 Work rounds with attending and team.</td>
<td>8:00 Work rounds 10:30 Work rounds with attending and team.</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 EKG Lecture 1:00 Perform work-up and review data for next day’s surgical pt. 3:00 Cardiology Lecture.</td>
<td>12:00 EKG Lecture 1:00 Work-ups of next day’s pts 3:00 Cardiology Lecture</td>
<td>12:00 EKG Lecture 1:00 Work-up pts 3:00 Cardiology Lecture</td>
<td>12:00 EKG Lecture 1:00 Work-up pts 3:00 Cardiology Lecture</td>
<td>12:00 EKG Lecture 1:00 Work-up pts 3:00 Cardiology Lecture</td>
</tr>
</tbody>
</table>

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: In addition, x-rays, electrocardiograms, echocardiograms, and coronary angiograms are gone over in detail with the attending cardiologist to provide in-depth teaching for the entire team. If the student wishes, opportunities are amply available for exposure to ongoing research projects.
COURSE CHAIR: Dennis Yick, M.D. (818) 364-3205

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

STUDENT COORDINATOR: Tomy Moreno (818) 364-3205

REPORT TO: Olive View Medical Center, Room 2B182 @ 8:00 am

PREREQUISITES: Medicine

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

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 to 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
6.
7.
8.

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 15-20

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 100

TYPICAL WEEKLY SCHEDULE

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<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 - 9:00 Work Rounds 9:00 - 10:00 Morning Report 10:00 - 12:00 Attending Rounds &amp; X-ray Rounds</td>
<td>8:00 - 9:00 Work Rounds 9:00 - 10:00 Morning Report 10:00 - 12:00 Attending Rounds</td>
<td>8:00 - 9:00 Work Rounds 9:00 - 10:00 Morning Report 10:00 - 12:00 Attending Rounds</td>
<td>8:00 - 9:00 Work Rounds 9:00 - 10:00 Morning Report 10:00 - 12:00 Attending Rounds</td>
<td>8:00 - 9:00 Work Rounds 9:00 - 10:00 Morning Report 10:00 - 12:00 Attending Rounds</td>
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<tr>
<td>PM</td>
<td>1:00 Critical Care Unit</td>
<td>1:00 Critical Care Unit</td>
<td>1:00 Critical Care Unit</td>
<td>1:00 Critical Care Unit</td>
<td>1:00 Critical Care Unit</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:
**Subinternship\Inpatient**

**Location:** CS

**COURSE CHAIR:**
Dorothy Parker, M.D.  
PHONE #: (310) 423-4502

**SUPPORTING FACULTY:**
Drs. Michael Lil and Stephen Lim

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

**2002-2003 ROTATIONS BEGIN WEEKS:**
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

**DESCRIPTION:**
Designed for 4th 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 MONTH/STUDENT:**
10

**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:**
40

**TYPICAL WEEKLY SCHEDULE**

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<tr>
<td>AM</td>
<td>8:00 - 10:30 Work Rounds</td>
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<td>8:00 - 10:30 Work Rounds</td>
<td>8:00 - 10:30 Work Rounds</td>
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<td></td>
<td>12:00 - 1:00 Noon Conference</td>
<td>Grand Rounds</td>
<td>8:30 - 9:30 Grand Rounds</td>
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<tr>
<td>PM</td>
<td>Work Rounds</td>
<td>Work Rounds</td>
<td>12:00 Heme/Onc Tumor Board</td>
<td>Work Rounds</td>
<td>Work Rounds</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>
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**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**
Every other weekend.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

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ME450.01  INTERNAL MEDICINE

Subinternship/Inpatient  

Location: CS  

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  
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

2002-2003 ROTATIONS BEGIN WEEKS:  
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION:

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Renal diseases
2. Cerebrovascular disease
3. Respiratory failure
4. Diabetes mellitus
5. Pneumonia
6. Peptic ulcer disease
7. Chronic obstructive pulmonary disease
8. AIDS

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 MONTH/STUDENT:  15
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  90

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:00 Intake Rounds</td>
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<td>9:00 Work Rounds</td>
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<td>10:00 Attending Rounds</td>
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<td>10:00 Attending Rounds</td>
<td>10:00 Attending Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 Medicine Conference</td>
<td>12:00 Medicine Conference</td>
<td>12:00 Medicine Conference</td>
<td>12:00 Medicine Conference</td>
<td>12:00 Medicine Conference</td>
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<td></td>
<td>1:00 - 6:00 Patient Care Activities</td>
<td>1:00 - 6:00 Patient Care Activities</td>
<td>1:00 - 6:00 Patient Care Activities</td>
<td>1:00 - 6:00 Patient Care Activities</td>
<td>1:00 - 6:00 Patient Care Activities</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  The student will take night call in the hospital every 4th night, working w/ 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 OBJECTIVES (in order of importance)
To improve:
1. History and physical examination
2. Medical judgment: analysis of medical data and synthesis of information
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)
6. Knowledge of drugs: diuretics, digoxin, antibiotics, steroids, bronchodilators
7. Knowledge of cerebrovascular disease, renal failure, diabetes, collagen vascular disorders, pneumonias, peptic ulcer disease, chronic obstructive pulmonary disease, AIDS.

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**DESCRIPTION:** Students will assume responsibilities quite similar to those of an intern, although with fewer patients. The student will be a member of a general medicine ward service consisting of an attending physician, residents, interns, and usually one "third year" student. Attending Rounds are made daily.

**COURSE OBJECTIVES (in order of importance)**
1. Proficiency in history taking and physical examination.
2. Differential diagnosis of common presenting complaints.
4. Medical management of common problems.
5. Recognition and therapy of medical emergencies.
6. Indications and interpretations of commonly ordered tests.
7. Proficiency with medical procedures such as nasogastric tube placement, venipuncture, lumbar puncture, thoracentesis, paracentesis, etc.
8. Medical record keeping (e.g., data collection and recording, appropriate format for writing consultations).
10. Team approach and utilization of allied health personnel.

**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 MONTH/STUDENT:** 20
**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:** 100

**TYPICAL WEEKLY SCHEDULE**

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>7:30 - 9:30 Rounds</td>
<td>7:30 - 8:30 Rounds</td>
<td>7:30 - 9:30 Rounds</td>
<td>7:30 - 9:30 Rounds</td>
<td>7:30 - 9:30 Rounds</td>
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<tr>
<td></td>
<td>10:30 - 12:00 Attending Rounds</td>
<td>8:30 - 9:30 Medical Grand Rounds</td>
<td>10:30 - 12:00 Morning Report</td>
<td>9:30 - 10:30 Attending Rounds</td>
<td></td>
</tr>
<tr>
<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>
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</tbody>
</table>

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** On call every 5th 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.
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 1 min 1

Duration: 3 weeks

2002-2003 Rotations Begin Weeks: 2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

Course Objectives (in order of importance):
1. Knowledge of certain disease processes or problems.
2. Medical judgment, analysis of medical data, and synthesis of information.
3. Improved history and physical examination.
4. Basic science foundations.
5. Knowledge of drugs.
7. Utilization of health care team.
8. Oral presentations.
9. Library research and interpretation of literature

Description:

Student Experiences

Common Problems/Diseases
1. Coronary artery disease
2. Pneumonia
3. Chronic obstructive pulmonary diseases
4. Diabetes Mellitus
5. Hepatic disease
6. Arthritis
7. Gastrointestinal hemorrhage
8. Cerebrovascular disease

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 Month/Student: 12

Total # of Patients Evaluated Each Month by Entire Service: 30

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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</table>
| AM   | Morning Report  
Work Rounds  
Teaching Attending Rounds | Morning Report  
Work Rounds  
Teaching Attending Rounds | Morning Report  
Work Rounds  
Teaching Attending Rounds | Morning Report  
Work Rounds  
Teaching Attending Rounds | Morning Report  
Work Rounds  
Teaching Attending Rounds |
| PM   | Noon Teaching Conference  
Patient Care  
EKG Conference  
Patient Care | Teaching Conference  
Patient Care  
EKG Conference  
Patient Care | Teaching Conference  
Patient Care  
EKG Conference  
Patient Care | Teaching Conference  
Patient Care  
EKG Conference  
Patient Care | Teaching Conference  
Patient Care  
EKG Conference  
Patient Care |

On-Call Schedule & Weekend Activities:  On call with housestaff every fourth night.

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.
ME450.04 INPATIENT MEDICINE

Subinternship/Inpatient Location: WVA

2002-2003
1/28/2002

COURSE CHAIR: PHONE #: Paul Schneider, MD. (310) 268-3125

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

SUPPORTING FACULTY: Samuel Burstein, M..D.

AVAILABLE TO EXTERNALS: Yes

STUDENT COORDINATOR: PHONE #: Christine Seydel (310) 268-3034

STUDENTS / PERIOD: max 5 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS: 2,5,8,11,14,17,20,27,30,33,36,39,42,45

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.

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

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

INPATIENT: 100% CLOSURE CONTACT WITH: X FULL TIME FACULTY
OUTPATIENT: 0% X CLINICAL FACULTY
CONSULTATION: 0% X FELLOWS
PRIMARY CARE: 100% X RESIDENTS
X INTERNS
X OTHER Students, Health staff

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 15-20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 50-60

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
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<tbody>
<tr>
<td>AM</td>
<td>7:30 Ward Rounds</td>
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<td></td>
<td>Noon Conference</td>
<td>Interns Case Conference</td>
<td>Medical Grand Rounds</td>
<td>Journal Club/other</td>
<td>Noon Conference</td>
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<tr>
<td>PM</td>
<td>1:00 Patient Management</td>
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<td></td>
<td>Subspecialty Lectures</td>
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</tbody>
</table>

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 workup and follow. The student will be expected to attend the noon-day conferences and present cases on attending rounds.

185
COURSE CHAIR: Pragnesh Patel, M.D.  
PHONE #: (323) 783-4516

SUPPORTING FACULTY: Dr. Peter Chee, and the Staff of the Department of Internal Medicine

STUDENT COORDINATOR: Clerkship Coordinator  
PHONE #: (213) 783-4516

REPORT TO: Center for Medical Education, 4733 Sunset Blvd, 3rd Fl. West Mezzanine, 8:30 a.m.  Then to Monica Garcia at 4950 Sunset, 6th Floor

PREREQUISITES: Medicine & Surgery

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks (3,6,8 weeks by arrangement)

2002-2003 ROTATIONS BEGIN WEEKS: 2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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 FELLOWS
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 60

TYPICAL WEEKLY SCHEDULE

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<td>8:00 Morning Report</td>
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<td>10:00 Attending Rounds</td>
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<td>10:00 Attending Rounds</td>
<td>9:00 Work Rounds</td>
<td>10:00 Attending Rounds</td>
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<tr>
<td>PM</td>
<td>12:30 Hematology/ Renal Conference</td>
<td>2:00 Internal Medicine Education Conference (Grand Rounds) 3 Hrs.</td>
<td>12:30 Cardio Conf.</td>
<td>12:30 Id/Onc Conf.</td>
<td>12:30 GI Conf.</td>
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<td>1:30 Patient Care</td>
<td>3:00 Patient Care</td>
<td>1:30 EKG Conference</td>
<td>3:00 Patient Care</td>
<td>1:30 Patient Care</td>
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</tbody>
</table>

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  2002-2003

1/28/2002

COURSE CHAIR:  PHONE #:
Soma Wali, M.D.  (818) 364-3205

SUPPORTING FACULTY:
Faculty of the Department of Medicine at Olive View

STUDENT COORDINATOR:  PHONE #:
Tony Moreno  (818) 364-3205

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

PREREQUISITES:  Medicine and Surgery

AVAILABLE TO EXTERN:  Yes

STUDENTS / PERIOD:  max 8  min 1

DURATION:  3 weeks

2002-2003 ROTATIONS BEGIN WEEKS: 2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

DESCRIPTION:

COURSE OBJECTIVES (in order of importance)
1. Knowledge of pathogenesis, natural history, differential diagnosis and management of various diseases including diabetes mellitus, pneumonia, COPD, congestive heart failure, GI bleeding, coronary artery disease, endocarditis, etc.
3. Experience in primary patient responsibility, acting as a subintern.
4. Ability to read and interpret chest x-rays; read EKGS.
5. Techniques or procedures such as lumbar punctures, thoracentesis, paracentesis, central lines.
6. Improved history, physical exam, and presentation.
7. Improving the doctor-patient team.
8. Team approach and utilization of allied health personnel.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Pneumonia
2. Tuberculosis
3. GI bleeding
4. Asthma
5. Congestive heart failure
6. Cancer
7. Diabetes
8. HIV related illnesses

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 15-20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 250

TYPICAL WEEKLY SCHEDULE

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  Every 4th night.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Subinterns have primary responsibility for patient care, although closely supervised by members of the ward team.

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ME452.01 INPATIENT MEDICINE

Subinternship/Inpatient Location: CHS
COURSE CHAIR: Neil H. Parker, M.D. (310) 825-6774
SUPPORTING FACULTY: Alan Fogelman, M.D., Chief of Service, CHS, and Staff
STUDENT COORDINATOR: Mark DeVany (310) 825-5846
REPORT TO: Chief Resident, 8:30 AM, 32-115 CHS @ morning report.
PREREQUISITES: Third year inpatient Medicine, Surgery, Pediatrics, Ob/Gyn, and Psychiatry
AVAILABLE TO EXTERNALS: Yes
STUDENTS / PERIOD: max 4 min 1
DURATION: 3 weeks
2002-2003 ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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 three 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.

STUDENT EXPERIENCES
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
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 MONTH/STUDENT: 15-20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 50-70

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>7:30 - 8:30 Prerounds</td>
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<td>9:30 - 10:30 Resident Work Rounds</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 approximately one day off per week (week 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.
ME455.01  MEDICAL INTENSIVE CARE UNIT (MICU)

Subinternship/Inpatient  Location:  CHS  1/28/2002

COURSE CHAIR:  PHONE #:  
Paul E. Bellamy, M.D.  (310) 825-5988

SUPPORTING FACULTY:  
Pulmonary & Critical Care Faculty

STUDENT COORDINATOR:  PHONE #:  
Annie Saenz  (310) 825-5988

REPORT TO:  Pulmonary/Critical Care Attending, MICU-4West, UCLA Med. Ctr. 7:45 am.

PREREQUISITES:  Medicine

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 1 min 1

DURATION:  3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:  2,5,8,11,14,17,20,27,30,33,36,39,42,45

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 workups & continued management of ICU patients under the resident's supervision. A core curriculum of critical care topics is covered each month 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%
CLOSE CONTACT WITH:  
X  FULL TIME FACULTY
X  CLINICAL FACULTY
X  FELLOWS
X  RESIDENTS
X  INTERNS
X  OTHER Nurses, Respiratory Therapists, Radiologists

CONSDULTATION:  0%  PRIMARY CARE:  100%

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  10
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  40

TYPICAL WEEKLY SCHEDULE

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<tr>
<td></td>
<td>8:15 - 9:00 Didactic Conference</td>
<td>8:15 - 9:00 Didactic Conference</td>
<td>9:30 Attending Rounds</td>
<td>8:15 - 9:00 Didactic Conference</td>
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<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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<td>PM</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  On-call every 4th day and night along with medical resident. Saturday and Sunday:  Attending rounds from 9:30 - 11:00 am.

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

SUPPORTING FACULTY:
Drs. Mark Ault, Philip Ng, and Dani Hackner

STUDENT COORDINATOR:  PHONE #:  
Judy Jacobs  (310) 423-4658
FAX (310) 423-5200

REPORT TO:  Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 A.M.

PREREQUISITES:  Medicine

AVAILABLE TO EXTERNALS:  Yes

STUDENTS / PERIOD:  max 1  min 1

DURATION:  3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:  
(June through August by Arrangement)
8, 11,14,17,20,27,30,33,36,39,42,45,48

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.

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

IN-PATIENT:  100%
OUT-PATIENT:  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 MONTH/STUDENT:  12-20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  100

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>7:30 Work Rounds</td>
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<td>9:00 MICU Work Rounds</td>
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<td>10:30 X-Ray Conf. MICU</td>
<td>10:30 X-Ray Conf. MICU</td>
<td>10:30 X-Ray Conf. MICU</td>
<td>9:00 MICU Work Rounds</td>
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<td>11:00 MICU Case Presentations</td>
<td>11:00 MICU Case Presentations</td>
<td>11:00 MICU Case Presentations</td>
<td>10:30 X-Ray Conf. MICU</td>
<td>11:00 MICU Case Presentations</td>
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<td>12:00 Dept. of Med Conference</td>
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<td></td>
<td>4:30 MICU Sign-out Rounds</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 week-end 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 sub-specialty 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  2002-2003
1/28/2002

COURSE CHAIR:  PHONE #:  Michael Lewis, M.D.  (310) 967-1835

SUPPORTING FACULTY:  Zab Mohsenifar, M.D., David Balk, M.D., Mo Biring, M.D., George Chaux, M.D.

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

STUDENTS / PERIOD:  max 2  min 1

DURATION:  3 weeks

2001-2002 ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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.
5. Introduction of chest x-ray, 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 workup 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 4-week elective is to familiarize students with the investigation and treatment of acute and chronic respiratory diseases requiring intensive care. The 8-bed RICU is managed by 2 housestaff teams (1 resident & 1 intern per team) on an every 4th 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 MONTH/STUDENT:  16
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  60

TYPICAL WEEKLY SCHEDULE

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<tr>
<th>Hour</th>
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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>
<td>10:00 - 12:00 RICU Teaching Rounds</td>
<td>11:00 - 12:00 RICU Core Curriculum</td>
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<td>12:00 - 1:00 Sign out Rounds</td>
<td>12:00 - 1:00 RICU Teaching Rounds</td>
<td>10:00 - 12:00 RICU Teaching Rounds</td>
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<td>PM</td>
<td>4:30 - 5:00 Sign out Rounds</td>
<td>4:30 - 5:00 Sign out Rounds</td>
<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 M &amp; M 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 4th 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.
ME455.04 CARDIAC INTENSIVE CARE UNIT

Subinternship/Inpatient Location: CS

2002-2003
12/4/2001

COURSE CHAIR:  PHONE #:  
Bojan Cercek, M.D. (310) 423-4876

SUPPORTING FACULTY:  
Attending and Full-time Staff Division of Cardiology

STUDENT COORDINATOR:  PHONE #:  
Judy Jacobs (310) 423-4658
FAX (310) 423-5200

REPORT TO: Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 A.M.

PREREQUISITES:  Medicine, Surgery

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 4 min 1

DURATION:  3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:  
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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:

STUDENT EXPERIENCES

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  15-20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  250-300

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>7:30 - 9:00 Clinical Rounds</td>
<td>7:30 - 9:00 Clinical rounds</td>
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<td>7:30 - 9:00 Clinical Rounds</td>
<td>9:30 - 10:30 Clinical Conference</td>
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<td>9:00 - 10:00 Sign-in Conference</td>
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<td>10:00 - 12:00 Bedside Rounds</td>
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<td>12:00 - 1:30 EKG Didactic Session</td>
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<td>3:00 - 4:00 CCU Core Lecture</td>
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<td>4:00 - 5:00 Sign-out Rounds in CCU</td>
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<td>12:00 - 1:30 EKG Didactic Session</td>
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<td>3:00 - 4:00 CCU Core Lecture</td>
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<td>4:00 - 5:00 Sign-out Rounds in CCU</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  One night in four including weekends.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
Subinternship/Inpatient  
Location:  WVA  

COURSE CHAIR:  
Guy Soohoo, M.D.  
(310) 268-3021  
FAX: (310) 268 4712

SUPPORTING FACULTY:  
Drs. Raj Batra, Steve Dubinett, Patrice Miller, Ami Oren, and Silverio Santiago,

STUDENT COORDINATOR:  
Caroline Bruce  
(310) 268-3021

REPORT TO:  
Guy Soohoo, M.D., Bldg. 500, Room 3013 @ 8:30 am.

PREREQUISITES:  Medicine and Surgery

AVAILABLE TO EXterns:  Yes

STUDENTS / PERIOD:  max 3 min 1

DURATION:  3 weeks

2002-2003 ROTATIONS BEGIN WEEKS:  
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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 catheterization.
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

INPATIENT:  100%  
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Critical care nurses

OUTPATIENT:  0%

CONSULTATION:  0%

PRIMARY CARE:  100%

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  10

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  85

TYPICAL WEEKLY SCHEDULE

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</table>
| AM   | 8:00 Unit Rounds  
8:30 Resident Case Conference  
9:00 - 9:30 X-Ray Rounds  
9:30 Attending Rounds | 8:00 Unit Rounds  
8:30 Resident Case Conference  
9:00 - 9:30 X-Ray Rounds  
9:30 Attending Rounds | 8:00 Unit Rounds  
9:00 - 9:30 X-Ray Rounds  
9:30 Attending Rounds | 8:00 Unit Rounds  
8:30 Resident Case Conference  
9:00 - 9:30 X-Ray Rounds  
9:30 Attending Rounds |
| PM   | Noon Conference  
Patient Management  
4:00 Sign Out Rounds | Intern Case Conference  
1:30 ICU Lecture  
Patient Management  
4:00 Sign Out Rounds | Medical Grand Rounds  
Patient Management  
4:00 Sign Out Rounds | Journal Club  
Patient Management  
4:00 Sign Out Rounds |
|      |        |         |           |          |        |

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.

193
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).

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 MONTH/STUDENT: 15
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 200

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:00 Work Rounds</td>
<td>8:00 Work Rounds</td>
<td>7:00 Work Rounds</td>
<td>8:00 Work Rounds</td>
<td>Work Rounds 12:00 EKG/echo/ Hemodynamic Conference</td>
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<td>9:00 CCU Rounds</td>
<td>9:00 CCU Rounds</td>
<td>8:00 Fellow Core 9:00 CCU Rounds</td>
<td>9:00 CCU Rounds</td>
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<td>Noon conference (Medical Service)</td>
<td>Patient Management</td>
<td>12:00 Medical Grand Rounds Patient Management 2:00 Nuclear Cardiology Reading</td>
<td>12:00 Journal Club Patient Management 3:00 Nuclear Cardiology Conf. (optional) 4:00 Med-Surgery Cath Conf. (optional)</td>
<td>Patient Management Cardiology New Patient Clinic (optional)</td>
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<td>PM</td>
<td>Patient Management</td>
<td>12:00 Medical Grand Rounds Patient Management</td>
<td>12:00 Medical Grand Rounds Patient Management</td>
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<td>12:00 Medical Grand Rounds Patient Management</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On call is every 4th 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 noninvasive evaluation of the entire spectrum of cardiac disease. The student should have learned to read and interpret electrocardiograms very well 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.
Subinternship/Inpatient Location: WVA

COURSE CHAIR: Steven Castle, M.D. (310) 268-4110

SUPPORTING FACULTY: M. Cantrell, S. Dhanani, M. Fang, T. Hahn, D. Norman & D. Yamaguchi

STUDENT COORDINATOR: Donna Henriques (310) 268-3474

REPORT TO: Bldg. 500, Room 2221 (2 East B), 8:00 am on first day.

PREREQUISITES: Medicine, Surgery, Neurology, Psychiatry, Radiology

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2002-2003 ROTATIONS BEGIN WEEKS: 2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

COURSE OBJECTIVES (in order of importance)
1. Knowledge of biological and psychological aspects of aging.
2. Knowledge of the pathogenesis, natural history, differential diagnosis, evaluation, and management of common diseases and 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 and the elderly, as well as developing a positive and humanistic approach to the care of the older person.

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
1. Arteriosclerotic heart disease
2. Dementia
3. Incontinence
4. Stroke/rehabilitation
5. Infections
6. Sensory impairment
7. Falls
8. Failure to thrive

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

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Nurses, pharmacy, social work, audiology, optometry

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 5 - 6
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 20 - 25

TYPICAL WEEKLY SCHEDULE

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<td>AM</td>
<td>8:00 Work Rounds</td>
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<td>10:30 Faculty Teaching Rounds</td>
<td>10:30 Faculty Teaching Rounds</td>
<td>Geriatric Topic Session</td>
<td>Geriatric Lecture</td>
<td>10:30 Faculty Teaching Rounds</td>
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<td>12:00 Medical Service M &amp; M Conference</td>
<td>12:00 Medical Service Grand Rounds</td>
<td>12:00 Medical Service Lecture</td>
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<tr>
<td>PM</td>
<td>2:00 Team Meeting</td>
<td>3:00 Multicampus Division Clinical Lecture</td>
<td>Patient Workups</td>
<td>Patient Workups</td>
<td>Patient Workups</td>
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<td>4:00 Multicampus Division Research Seminar/Journal Club</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 by doing 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. KDMC program includes preventive programs in addition to care of 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 on 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
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 MONTH/STUDENT: 20
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 150

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>9:30 - 12:00 Faculty Teaching Rounds</td>
<td>9:30 - 12:00 Faculty Teaching Rounds</td>
<td>9:30 - 12:00 Faculty Teaching Rounds</td>
<td>9:30 - 12:00 Faculty Teaching Rounds</td>
<td>9:00-12:00 Geriatric Clinic</td>
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<td>10:00 – 11:00 Heart Meeting</td>
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<td>12:00-1:00 Geriatric Grand Rounds 1st and 4th Wednesday's</td>
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<td>10:30-12:00 Geriatric Chair Rounds</td>
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<td>1:00 - 5:00 Patient Workups/Consultations</td>
<td>1:00-2:00 Subspecialty Lecture</td>
<td>1:00 - 1:00 Geriatric Grand Rounds 1st and 4th Wednesday</td>
<td>1:00 - 5:00 Community Health Screening</td>
<td>1:00 - 5:00 Patient Work Ups/Consultations</td>
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<td>1:00 - 5:00 Patient Work Ups/Consultations</td>
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<td>1:30 – 2:30 Core Lecture</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 an opportunity for students to provide primary care to acutely ill hospitalized elderly patients. The purpose is to train students in peculiarities in presentation of ailments in older groups with special emphasis on therapeutic strategies.
ME470.01  MEDICAL RESPIRATORY ICU

Subinternship|Inpatient
Location:  HARBOR  

COURSE CHAIR:  Darryl Y. Sue, M.D.  PHONE #:  (310) 222-2409
SUPPORTING FACULTY:  
Drs. Gregory Mason, Kathy Sietsema, William Stringer, and Karlman Wasserman, Richard Casaburi, Janine Vintch
STUDENT COORDINATOR:  Kathleen McGinley  PHONE #:  (310) 222-2409
REPORT TO:  5E-ICU 7:30am on 1st day of elective.

PREREQUISITES:  Medicine, Surgery
AVAILABLE TO EXTERNS:  Yes
STUDENTS / PERIOD:  max 2 min 0
DURATION:  3 weeks
2002-2003 ROTATIONS BEGIN WEEKS: 2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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 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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  12
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  55

TYPICAL WEEKLY SCHEDULE

<table>
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<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>7:30 Attending Rounds</td>
<td>8:30 Medical Grand Rounds</td>
<td>7:30 Attending Rounds</td>
<td>7:30 Attending Rounds</td>
<td>7:30 Attending Rounds</td>
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<tr>
<td></td>
<td>Attending Rounds</td>
<td>Clinical Conference</td>
<td>Chest Conference</td>
<td>10:30 ICU Topic Session</td>
<td>10:30 ICU Topic Session</td>
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<td></td>
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<td>Dietitian Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 Medicine Lecture</td>
<td>Work Rounds</td>
<td>Work Rounds</td>
<td>Medical M&amp;M Conference</td>
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<td>Work Rounds</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, Patrice Miller, 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

2001-2002  ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

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  X
CLINICAL FACULTY  X
FELLOWS  X
RESIDENTS  X
INTERNS  OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  15
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  40

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>Consults</td>
<td>Consults</td>
<td>Consults/Rounds</td>
<td>Consults/Rounds</td>
<td>Consults</td>
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<tr>
<td></td>
<td>Pulmonary Conference</td>
<td>Medical Grand Rounds</td>
<td>Sleep Disorders Clinic</td>
<td>Chest Clinic</td>
<td>Consult Rounds</td>
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<tr>
<td>PM</td>
<td>Consult Rounds</td>
<td>Consult Rounds</td>
<td>Sleep Disorders Clinic</td>
<td>Chest Clinic</td>
<td>Consult Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
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 bronchoscopy 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.

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. Special attention will be paid to performing examination of the lungs.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Lung cancer
2. Asthma
3. COPD
4. Pneumonia
5. Tuberculosis
6. Interstitial disease
7. ARDS
8.

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 MONTH/STUDENT: 10
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 40

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>Chest Clinic Olive View (2nd, 4th, 6th Mon) or Consult Rounds</td>
<td>Attending Rounds</td>
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<tr>
<td>PM</td>
<td>2:00-3:00 Attending Rounds</td>
<td>2:30-4:30 Procedures/ Bronchoscopies</td>
<td>1:00-3:30 Chest Clinic Sepulveda VA</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR: David Nelson, M.D. (213) 202-6857

SUPPORTING FACULTY:
Drs. David C. Chao and Christopher Ho

STUDENT COORDINATOR: Dianne Wheatley (213) 202-6860

REPORT TO: 2000 Stadium Way, LA, 1st floor switchboard @ 9:30 a.m. Ask for Dianne Wheatley.

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 4 weeks

2002-2003 ROTATIONS BEGIN WEEKS:
2, 6, 10, 14, 18, 22, 26, 30, 34, 38, 42, 46

DESCRIPTION: Students will join an existing attending physician-pulmonary fellow team with whom they will round. They will function as interns, admitting & managing 1 to 3 patients a week. The attending physician will supervise the students, countersigning workups & orders. Students will attend 3 noon teaching conferences at which 1) new patients are presented & discussed; 2) chest x-rays & 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
X CLINICAL FACULTY
X FELLOWS
RESIDENTS
INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 8-12
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 30

TYPICAL WEEKLY SCHEDULE

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<td>AM</td>
<td>8:30 Work Rounds</td>
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<td>9:30 Attending Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 - 2:00 Clinical Conference</td>
<td>1:00 Team Conference</td>
<td>12:00 - 2:00 Clinical Conference</td>
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<td>12:00 - 2:00 Clinical Conference</td>
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<td>2:00 - 4:00 Pt. Care Activities</td>
<td>2:00 - 4:00 Pt. Care Activities</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Free parking, free meals (breakfast & lunch)