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

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

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES  INPATIENT: N/A  OUTPATIENT: N/A  CLOSE CONTACT WITH:  X FULL TIME FACULTY  X CLINICAL FACULTY  X FELLOWS  RESIDENTS  INTERNS  OTHER
1. Malaria
2. Schistosomiasis
3. Intestinal parasites/Diarrheal disorders
4. Tropical dermatoses
5. Nutritional disorders
6. Health of pregnant & lactating women
7. Communicable childhood diseases
8. Delivery of health care in socially & economically deprived countries.

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:N/A

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

TYPICAL WEEKLY SCHEDULE

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

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

Advanced Clinical Clerkship
Location: CHS

PHONE #:
Adrian Casillas, M.D. (310) 825-3718
Andre E. Nel, M.D. (310) 825-6620
Andrew Saxon, M.D. (310) 206-8050
Ivonne Castaneda (310) 825-3718
icasstane@mednet.ucla.edu

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

PREREQUISITES: Medicine

AVAILABLE TO EXterns: Yes with pre-approval

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
By Arrangement

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

STUDENT EXPERIENCES

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

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

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This elective is best suited to students with a true desire to learn about immune aspects of human illness. It requires active participation and motivation by the student in that they are not spoon-fed or simply put through a routine didactic experience. The elective is primarily directed towards students interested in academic internal medicine.

117
ME205.02  CLINICAL ALLERGY AND IMMUNOLOGY

Advanced Clinical Clerkship  Location: WVA  2003-2004
3/16/2003

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

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

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

REPORT TO:  William B. Klaustermeyer, M.D.; VA Wadsworth Medical Center, Room 3010; 8:30 am

PREREQUISITES:  Physical Diagnosis, Medicine

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 1 min 1

DURATION:  3 weeks (2 weeks By Arrangement)

2003-2004 ROTATIONS BEGIN WEEKS:
5,8,11,14,17,20,27,30,33,36,39,42,45,48

COURSE OBJECTIVES (in order of importance)
1. Develop clinical competence and cost effective management in the ambulatory care of common, disabling allergic diseases, especially asthma, rhinitis, urticaria and angioedema for those interested in the primary care specialties.
2. Acquire the knowledge of the differential diagnosis of frequently seen allergic and immunologic disorders.
3. Review the pathophysiology of allergic diseases and the clinical correlation of fundamental immunology.
4. Develop familiarity with the pharmacology and treatment modalities utilized in this field: theophylline, corticosteroid, immunotherapy, etc.
5. Develop an understanding of the procedures used: rhinoscopy, nasal challenge, skin testing, etc.
6. Review the advances in clinical research in allergy.
7. Specifically, be comfortable with the recognition and management of anaphylaxis.
8. Familiarity with obtaining history and performing examinations as pertained to allergic and immunologic diseases.

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

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

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Students will perform as consultants in the diagnosis and treatment of patients with allergic disease. Specific disease states will include allergic and non-allergic asthma, nasal and ocular allergy, nasal polyposis, and drug reactions. Although the clerkship is clinical, pharmacologic, immunologic and physiologic principles in allergic disease will be stressed. The students will participate in clinics, conferences, rounds and other teaching activities.
COURSE CHAIR: Mallory Witt, M.D.  
PHONE #: (310) 222-2467

SUPPORTING FACULTY:  
Drs. Eric Daar and Keith Beck

STUDENT COORDINATOR: Debbie Hanaya  
PHONE #: (310) 222-2159

REPORT TO: Debbie Hanaya, Bldg. N-24, at 9:00 a.m.

PREREQUISITES: Medicine

AVAILABLE TO EXTERNALS: No

STUDENTS / PERIOD: max 1 min 0

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS: 2,5,8,11,14,17,20,27,30,33,36,39,42,45

COURSE OBJECTIVES (in order of importance)

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

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

STUDENT EXPERIENCES

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

APPROXIMATE # OF PATIENTS EVALUATED EACH 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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<tbody>
<tr>
<td>AM</td>
<td>9:00 - 12:00 Ward Consults/Attending Rounds</td>
<td>8:30 - 9:30 Medical Grand Rnds</td>
<td>8:00 - 12:00 HIV Clinic</td>
<td>8:00 - 12:00 HIV Clinic</td>
<td>8:00 - 10:00 Ward Consults</td>
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<td></td>
<td>10:00 - 12:00 Ward Consults</td>
<td>12:00 HIV Lecture Or Journal Club</td>
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<td>10:00 - 12:00 Attending Rounds</td>
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<td>12:00 HIV Lecture Or Journal Club</td>
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<tr>
<td>PM</td>
<td>12:00 - 1:00 Medical Lecture Series</td>
<td>1:30 - 4:00 Attending Rounds</td>
<td>1:00 - 5:00 Ward Consults</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></td>
<td>1:00 - 5:00 Ward Consults/Attending Rounds</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

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

STUDENT EXPERIENCES

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

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

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

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

TYPICAL WEEKLY SCHEDULE

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<td>AM</td>
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<td>9:00 - 12:00</td>
<td>9:00 - 11:00</td>
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<tr>
<td></td>
<td>General Allergy Consultations</td>
<td>Occupational Allergy Consultations</td>
<td>General Allergy Consultations</td>
<td>Occupational Allergy consultations</td>
<td>Case Presentation/Disc.</td>
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<td>11:00 - 12:00</td>
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<td>Laboratory (Pulm. Funct. testing interp.)</td>
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<tr>
<td>PM</td>
<td>12:00 - 1:00</td>
<td>12:00 - 1:00</td>
<td>12:00 - 1:00</td>
<td>12:00 - 1:00</td>
<td>1:00 - 5:00</td>
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<td></td>
<td>Noon Allergy Lecture</td>
<td>Noon Case Conference/ Presentation</td>
<td>Noon Allergy lecture</td>
<td>Noon Case Conference/ Presentation</td>
<td>Allergy/Asthma Evaluation &amp; Treatment</td>
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<td>1:00 - 6:00</td>
<td>1:00 - 5:00</td>
<td>1:00 - 5:00</td>
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<td>Allergy/Asthma Evaluation &amp; Treatment</td>
<td>Allergy/Asthma Evaluation and Treatment</td>
<td>Allergy/Asthma Evaluation and Treatment</td>
<td>Allergy/Asthma Evaluation and Treatment</td>
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<td>5:30 - 6:15</td>
<td>5:00 - 5:30</td>
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<tr>
<td></td>
<td>Case Presentation/Disc.</td>
<td>(Skin testing)</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
The elective is designed to provide a complete private practice experience. The experience will be intense and interesting.
COURSE OBJECTIVES (in order of importance)
1. Develop clinical competence and cost-effective outpatient management of common allergic disorders, especially asthma, allergic rhinitis, urticaria, and food allergies.
2. Develop an understanding of procedures used: rhinolaryngoscopy, skin testing, pulmonary function testing, patch testing, bronchial challenges.
3. Understand how to work-up and manage allergic patients in an occupational setting.
4. Develop an understanding of clinical respiratory research from patient recruitment to study enrollment and completion.

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

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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<tr>
<th>Hour</th>
<th>Monday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00 - 12:00</td>
<td>Allergy Consults and Office Followups</td>
<td>9:00 - 12:00</td>
<td>Clinical Research and Review of Skin Testing</td>
<td>8:00 - 12:00</td>
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<tr>
<td>PM</td>
<td>1:30 - 6:00</td>
<td>Occupational and Latex Allergy Consults Patch Testing</td>
<td>1:50 - 5:00</td>
<td>General Allergy and Asthma Consultations</td>
<td>1:30 - 5:00</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
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 in incorporating this system of medicine into their practice and life style. 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

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

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

TYPICAL WEEK SCHEDULE

<table>
<thead>
<tr>
<th>Week 1</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Lectures and Demonstration</td>
<td>Lectures and Demonstration</td>
<td>Lectures and Demonstration</td>
<td>Lectures and Demonstration</td>
<td>Lectures and Demonstration</td>
</tr>
<tr>
<td>Week 2</td>
<td>Clinic</td>
<td>Clinic</td>
<td>Clinic or Self-Study</td>
<td>Clinic or Self-Study</td>
<td>Student Presentations</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME210.01  CARDIOLOGY


COURSE CHAIR:  PHONE #:  
Charles R. McKay, M.D.  (310) 222-2515

SUPPORTING FACULTY:  
Drs. Budoff, Criley, Detrano, French, Ginzton, Girskey, Laks Narahara, Oudiz, Shavelle, McKay, Buljubasic

STUDENT COORDINATOR:  PHONE #:  
Sheryl Isaacs  (310) 222-2517

REPORT TO:  
Consult Fellow, Main Bldg., 8E Rm 6, 8:30 AM.

PREREQUISITES:  Medicine and 4th year standing

AVAILABLE TO EXTERNALS:  Yes

STUDENTS / PERIOD:  max 4 min 1

DURATION:  3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:  2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

DESCRIPTION:  This course is designed to give the student a broad exposure to cardiology, while concentrating at the same time on individual patient evaluation and management.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Acquired valvular heart dis.
2. Congestive heart failure
3. Cardiomyopathies –Intracardiac hemodynamics
4. Pre-op evaluation of cardiac pt.
5. Arrhythmias & Intracardiac studies
6. Ischemic heart disease, unstable angina, acute MI

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, NP, Cardiac Rehabilitation

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 20

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

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 ECG Reading</td>
<td>8:30 - 9:30 Medicine Grand Rounds</td>
<td>7:30 - 8:30 ECG Interpretation Conf., Alternate and Basic Hemodynamics</td>
<td>7:30 - 9:00 Fellows Conference or Student presentation.</td>
<td>9:00 - 9:30 ECG Reading</td>
</tr>
<tr>
<td></td>
<td>9:30 - 11:00 Consults or Heart Station</td>
<td>10:00 - 12:00 Consults or Heart Station/Stress Test</td>
<td>9:00 - 9:30 ECG Reading</td>
<td>9:30 - 12:00 Consults or C-Team</td>
<td>9:30 - 12:00 Consults or EP Lab</td>
</tr>
<tr>
<td></td>
<td>11:00-12:00 Echo – Dr. Buljubasic</td>
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<td></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 Diag. Conf.</td>
<td>1:30 - 4:00 Rounds Consult Attending</td>
<td>12:00-1:00 M&amp;M Depart. of Medicine</td>
<td>1:30 - 4:00 Consult Attending Rounds</td>
</tr>
<tr>
<td></td>
<td>1:30 - 4:00 Consult or C-Team OR observation</td>
<td>1:30 - 4:00 Consult Attending Svc or Learning CTR Multimedia(Heart Station)</td>
<td>4:30 - 6:00 Cath Conference</td>
<td>1:30 - 4:00 Consultation Svc Attending Rounds OR Rehab Rounds</td>
<td></td>
</tr>
</tbody>
</table>

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

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

Advanced Clinical Clerkship  Location: O VH

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

SUPPORTING FACULTY:
Drs. Robin Wachsner, Sheyla Meymandi, Adel El Bialy, Anne Yahiuji

STUDENT COORDINATOR:  PHONE #:  E-MAIL:
Tony Ahankoob  (818) 364-3205 tahankoob@dhs.ca.ca.us

REPORT TO:
Tony Ahankoob, 14445 Olive View Dr., 2B182 8:30 am

PREREQUISITES:

AVAILABLE TO EXTERN:
Yes

STUDENTS / PERIOD:
max 2 min 1

DURATION:
3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45

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

STUDENT EXPERIENCES

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

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:
40-60

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:
275-300

TYPICAL WEEKLY SCHEDULE

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<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 - 12:00 Consults (OVMC)</td>
<td>8:00 - 12:00 Cardio Clinic (OVMC)</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 Attending Consult Rounds (OVMC)</td>
<td>1:00 – 5:00 Attending Consult Rounds (OVMC)</td>
<td>1:00 – 5:00 Attending Consult Rounds (OVMC)</td>
<td>1:00 – 4:00 Attending Consult Rnds (OVMC)</td>
<td>12:00 - 1:00 Journal Club</td>
</tr>
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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

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; 4) cardiomyopathies; and 5) Adult congenital disease

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.
ME210.03  CARDIOLOGY CONSULT

Advanced Clinical Clerkship  Location: WVA


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

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

STUDENT COORDINATOR:  PHONE #:  Diane Gertschen  (310) 268-3839  E-MAIL:  diane.gertschen@med.va.gov

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

PREREQUISITES:  Medicine and Surgery

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 2 min 1

DURATION:  3 weeks

2003-2004  ROTATIONS 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. Students are encouraged to observe and may participate in the performance or interpretation of exercise stress testing, echocardiography and nuclear cardiology under supervision.

STUDENT EXPERIENCES

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

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 30

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

TYPICAL WEEKLY SCHEDULE

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

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.

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

2003-2004 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

DESCRIPTION:

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 90%</th>
<th>OUTPATIENT: 10%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Coronary artery disease</td>
<td></td>
<td></td>
<td>X FULL TIME FACULTY</td>
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<tr>
<td>2. Congestive heart failure/cardiomyopathies</td>
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<td>X CLINICAL FACULTY</td>
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<tr>
<td>3. Arrhythmias</td>
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<td>X FELLOWS</td>
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<tr>
<td>4. Valvular heart disease</td>
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<td></td>
<td>X RESIDENTS</td>
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<tr>
<td>5. Pericarditis</td>
<td></td>
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<td>X INTERNS</td>
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</table>

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<tr>
<th>CONSULTATION: 20%</th>
<th>PRIMARY CARE: 80%</th>
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</table>

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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<tr>
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<tbody>
<tr>
<td></td>
<td>Patient Care</td>
<td>Patient Care</td>
<td>Attending Rounds</td>
<td>Patient Care</td>
<td>Attending Rounds</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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<tr>
<td></td>
<td>EKG Conference</td>
<td>Patient Care</td>
<td>Patient Care</td>
<td>Patient Care</td>
<td>Patient Care</td>
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<td></td>
<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. A room within the critical hospital may be available for the entire month’s rotation by arrangement. St. Mary Medical Center, 1050 Linden Avenue, Box 887, Long Beach, CA 90801
COURSE OBJECTIVES (in order of importance)
1. Students will be able to accurately interpret 90% of EKGs performed at a Community Hospital.
2. Students will be able to define the indications and procedure for Stress testing and interpret the results.
3. Students will be able to assess the role of Echocardiography in diagnosis and management of heart disease.
4. Students will observe a minimum of five Swan-Ganz catheter insertions, two pacemaker insertions, and one coronary arteriography. They will be able to identify indications for each of them.
5. Students will acquire a concept of basic hemodynamics.
6. Students will be able to manage and consult on patients with common cardiac disorders.

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 40
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 300

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 of this clerkship is on one-to-one teaching of bedside cardiology. Students are encouraged to read their basic texts of cardiology before starting the clerkship.
ME210.06 INTERNAL MEDICINE - CARDIOLOGY

Advanced Clinical Clerkship
Location: KAISER.SUN

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

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

STUDENT COORDINATOR:
Elka Croomes
(323) 783-4516
E-MAIL: elka.m.croomes@kp.org

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

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXterns: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

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

STUDENT EXPERIENCES

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

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

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

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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<thead>
<tr>
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<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</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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<tr>
<td>9:00 AM</td>
<td>Attending Rounds</td>
<td>Attending Rounds</td>
<td>Attending Rounds</td>
<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</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>PM</td>
<td>Evaluate New and Old Patients</td>
<td>Internal Medicine 2PM Education Conference (Grand Rounds 3 Hrs.)</td>
<td>Treadmill Clinic Evaluate Old and New Patients</td>
<td>Evaluate Old and New Patients</td>
<td>Evaluate Old and New Patients</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Sign Out Rounds</td>
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<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:

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.
ME215.01 OUTPATIENT DERMATOLOGY

Advanced Clinical Clerkship

Location: CHS

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

SUPPORTING FACULTY:
Drs. Takahashi, Soriano, Newcomer, Kolodney, Beddingfield, and J. Kim

STUDENT COORDINATOR:
Tapherine Mausteller
PHONE #: (310) 825-5420
E-MAIL: tmausteller@mednet.ucla.edu

REPORT TO:
200 Medical Plaza, Suite 450

PREREQUISITES: None

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 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 work-up, will attend conferences and receive assigned readings. This is a "hands-on" elective. The student is assigned to a dermatologist mentor and will work up patients and present to a mentor for management.

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%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 40

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 1,500

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>8:30-12 Dermatology Clinic</td>
<td>8:00 - 10:00 Grand Rounds</td>
<td>8:30 - 12:00 Dermatology Clinic</td>
<td>7:45 - 8:30 VA Rounds</td>
<td>8:30 – 12:00 Derm Clinic</td>
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<td></td>
<td>8:00 - 10:00</td>
<td>10:00 - 12:00 Library Time</td>
<td>1:30 - 5:00 Dermatology Clinic</td>
<td>8:30 – 12:00 Derm Clinic</td>
<td>1:30 - 5:00 Dermatology Clinic</td>
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<tr>
<td></td>
<td>10:00 - 12:00 Library Time</td>
<td>1:30 - 5:00 Dermatology Clinic</td>
<td>1:30 - 5:00 Dermatology Clinic</td>
<td>1:00 - 5:00 Pediatric Dermatology Clinic</td>
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<td></td>
<td>1:30 - 5:00</td>
<td>Cosmetic Clinic</td>
<td>1:30 - 5:00</td>
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<td>1:00 - 4:30</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></td>
<td>1:00 - 4:30 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 with 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 photocotoxicity, mechanisms of toxicity of dioxin. The Division operates a fully accredited training program leading to certification by the American Board of Dermatology.
ME215.04  DERMATOLOGY (CUTANEOUS MEDICINE)

Advanced Clinical Clerkship  Location:  WVA

COURSE CHAIR:  Dr. William Shellow
PHONE #:  (310) 268-3153

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

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

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

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.

PREREQUISITES:  Dermatology and Medicine

AVAILABLE TO EXTERNS:  No

STUDENTS / PERIOD:  max 1 min 1

DURATION:  3 weeks

2003-2004 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.

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/exzematous 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
FELLOWS
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>
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<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00 - 10:00 Grand Rounds 200 UCLA Med Plaza Derm Clinic Ste. 450 10:00-11:30 Lecture Series</td>
<td>9:00 UCLA Dermatology Clinic (optional)</td>
<td>8:30 - 12:00 Clinic</td>
<td>7:45 - 8:45 Conference Room 5002</td>
</tr>
<tr>
<td></td>
<td>1:00 - 4:30 Outpatient Clinic</td>
<td>1:00 - 4:30 Outpatient Clinic</td>
<td>1:00 - 4:30 Outpatient Clinic</td>
<td>1:00 - 4:30 Outpatient Clinic</td>
<td>1:00 - 4:30 Outpatient Clinic</td>
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<tr>
<td>PM</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
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.

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

INPATIENT: 10%
OUTPATIENT: 90%
CONSULTATION: 15%
PRIMARY CARE: 85%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY FELLOWS
X RESIDENTS INTERNS OTHER

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

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 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>1:00 - 4:00 Adult Clinic and Vitiligo Clinic (4I)</td>
<td>2:00 - 5:00 Research and Manuscript Preparation</td>
<td>1:00 - 2:00 Rounds</td>
</tr>
<tr>
<td></td>
<td>1:30 - 4:30 Pediatric Clinic (POP)</td>
<td>5:00 - 7:00 Derm Path - Dr. Chalet Wadsworth VA</td>
<td>5:00 - 7:00 Derm Path - Dr. Chalet Wadsworth VA</td>
<td>2:00-3:30 Journal Club</td>
<td></td>
</tr>
</tbody>
</table>

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

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

AVAILABLE TO EXTERNS: Yes

ME215.06 DERMATOLOGIC SURGERY/DERMATOPATHOLOGY
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 E-MAIL: tmausteler@mednet.ucla.edu
REPORT TO: 200 Med Plaza, Suite 465
PREREQUISITES: None
AVAILABLE TO EXTERNS: Yes
STUDENTS / PERIOD: max 1 min 1
DURATION: 3 or 6 weeks
2003-2004 ROTATIONS BEGIN WEEKS: 2,5,8,11,14,17,20,27,30,33,36,39,42,45,48 (for 6 weeks list twice)

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.

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

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

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

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>7:00 – 12:00</td>
<td>7:00 – 8:00</td>
<td>7:00 -12:00</td>
<td>7:00 -12:00</td>
<td>7:00 - 11:00</td>
</tr>
<tr>
<td></td>
<td>Derm Surgery Clinic</td>
<td>MOHS Surgery 8:00 - 10:00 Grand Rounds 10:00 - 12:00 MOHS Surgery</td>
<td>MOHS Surgery/Laser Surgery</td>
<td>MOHS Surgery/Laser Surgery</td>
<td>Derm Surgery Clinic</td>
</tr>
<tr>
<td>PM</td>
<td>1:30 - 5:00</td>
<td>1:00 -5:00</td>
<td>1:00 - 5:00</td>
<td>1:00 -5:00</td>
<td>1:00 - 5:00</td>
</tr>
<tr>
<td></td>
<td>Derm Surgery Clinic</td>
<td>MOHS Surgery</td>
<td>(same as Thursday) and Laser Surgery</td>
<td>MOHS Surgery, General Dermatology (consultation &amp; follow-up), Cosmetic Dermatology</td>
<td>Cosmetic Dermatology Clinic</td>
</tr>
</tbody>
</table>

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

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

Advanced Clinical Clerkship          Location:  ASSOC

COURSE CHAIR:                        PHONE #:         COURSE OBJECTIVES (in order of importance)
Stuart L. Shear, M.D.               (213) 481-2982   1.  Common sense medical judgment in evaluating and
diagnosing dermatology patients.

SUPPORTING FACULTY:

STUDENT COORDINATOR:               PHONE #:         2.  Familiarity with benign and malignant skin tumors and their
diagosis and treatment (i.e. basal cell, squamous cell,
Stuart L. Shear, M.D.               (213) 481-2982   melanoma, epidermal cysts).
FAX:  (213) 481-2560

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

PREREQUISITES: None

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 2 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
By Arrangement

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

COURSE OBJECTIVES (in order of importance)

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

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES  INPATIENT: 10%  CLOSE CONTACT WITH:
1. Acne
2. Rosacea
3. Seborrhea
4. Viral exanthems
5. Basal cell
6. Squamous cell
7. Melanoma
8. Epidermal cysts
9. Consultation: 100%
10. PRIMARY CARE: 0%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:

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

TYPICAL WEEKLY SCHEDULE

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<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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<tr>
<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 Information CDs</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
1. Parking for $1.00 per day in Good Samaritan parking lot
to be designated. 2. Occasional meals are provided free, on other days can be purchased in hospital.
ME225.01 ENDOCRINOLOGY AND METABOLISM

Advanced Clinical Clerkship Location: CHS

2003-2004
4/8/2003

COURSE CHAIR: Andre Van Herle, M.D. PHONE #: (310) 794-7555

SUPPORTING FACULTY:

STUDENT COORDINATOR: Susanna Manukyan PHONE #: (310) 794-7555
E-MAIL: smanukyan@mednet.ucla.edu

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

PREREQUISITES: Medicine

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 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. Ability to understand the disease process in patients by integration of clinical findings (history and physical) with laboratory tests.
2. Knowledge of the pathogenesis and pathophysiology of diseases of the pituitary, thyroid, parathyroid, adrenal, pancreas (endocrine), testes, and ovary.
3. An understanding of the function of the endocrine organs, metabolism of their hormones, and their effects on the body.
4. Ability to interpret the results of measurements of stimulation and suppression of the glands.
5. Familiarity with the use of insulin, thyroid hormones, corticosteroids, androgens, estrogens, vasopressin, and other agents.
6. Experience in interpretation of special procedures for visualisation, scans, ultrasonography for tumor and organ visualization.

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

STUDENT EXPERIENCES

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

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>
</tr>
</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  
2003-2004  
5/27/2003  

**COURSE CHAIR:**  
Riccardo Perfetti, M.D., Ph.D.  
PHONE #: (310) 423-3870

**SUPPORTING FACULTY:**  
Drs. Adams, Bonert, Braunstein, Bush, Friedman, & Melmed

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

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

**PREREQUISITES:** Medicine

**AVAILABLE TO EXTERNS:** Yes

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

**DURATION:** 3 weeks

**2003-2004 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 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**

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 20%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thyroid nodules</td>
<td></td>
<td>FULL TIME FACULTY</td>
</tr>
<tr>
<td>Hypothyroidism</td>
<td></td>
<td>CLINICAL FACULTY</td>
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<tr>
<td>Hyperparathyroidism</td>
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<td>FELLOWS</td>
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<tr>
<td>Hypercalcemia</td>
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<td>RESIDENTS</td>
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<tr>
<td>Hyperthyroidism</td>
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<td>INTERNS</td>
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<tr>
<td>Hyponatremia</td>
<td></td>
<td>OTHER</td>
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<tr>
<td>Metabolic bone disease</td>
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<tr>
<td>Hypertriglyceridemia</td>
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<tr>
<td>Infertility</td>
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<tr>
<td>Osteoporosis</td>
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<tr>
<td>Pituitary tumors</td>
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<tr>
<td>Cushings syndrome</td>
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<tr>
<td>Hypertension</td>
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<tr>
<td>Addison's disease</td>
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<tr>
<td>Diabetes</td>
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<tr>
<td>Ammenorhea</td>
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**APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:** 10-20

**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:** 80

**TYPICAL WEEKLY SCHEDULE**

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

**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** Consults and Rounding on In-house patients.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Students will have the opportunity to work in the diabetes basic science laboratory in the afternoons.
STUDENT COORDINATOR: PHONE #:  
Sally Avancena (310) 222-2503  
E-MAIL: avanena@gcrc.rei.edu

SUPPORTING FACULTY:  

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

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

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

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This elective provides an outstanding opportunity for the student to see a broad spectrum of endocrine disorders. The student participates in an organized program of conferences, outpatient clinics, subspecialty consultations, and attending rounds, supervised at all times by a senior endocrine fellow. The student also has significant contact with the full-time faculty.
ME225.04 ENDOCRINOLOGY, DIABETES, METABOLISM


COURSE OBJECTIVES (in order of importance)
1. Development of clinical skills for evaluation of out-patients with medical problems.
2. Knowledge of the pathogenesis and natural history, the orderly investigation, differential diagnosis and management of diabetes mellitus, hyperthyroidism, hypothyroidism, pituitary tumors, hypercalcemia, and impotence.
3. Knowledge of the pharmacology of insulin, thyroxine, cortisol, sulfonylurea, testosterone, estrogen.
4. Interpretation of tests, e.g., T4, FT4, T3, TSH, cortisol, LH, FSH, testosterone, estradiol, prolactin, scans.
5. Medical record keeping (e.g., data collection and recording, appropriate format for writing consultations).
6. Oral presentations of clinical cases.
7. Library research and interpretation of literature.
8. Medical judgment, analysis of medical data, and synthesis of information.
9. Diagnosis and management of complex inpatient problems such as diabetic ketoacidosis, hyperglycemic non-ketotic coma, hypoglycemia, severe hyperthyroidism, hypercalcemia, and metabolic bone disease.
10. Accurate palpation of thyroid glands.

SUPPORTING FACULTY:
Drs. Jerome Hershman and Jane Weinreb

STUDENT COORDINATOR:
Dan Foster
PHONE #: (310) 268-3850
E-MAIL: daniel.foster@med.va.gov

REPORT TO: Dr. Gregory Brent, WVA Hospital, Bldg. 500, Room 4607, 8:30 am.

PREREQUISITES: Medicine

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

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

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Diabetes mellitus
2. Thyroid nodules
3. Hypothyroidism
4. Hyperthyroidism
5. Hypercalcemia
6. Hyperlipidemia
7. Metabolic bone disease
8. Pituitary disorders

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
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>
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</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>
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</tr>
<tr>
<td>PM</td>
<td>1:30 Endocrine Consult Rounds</td>
<td>1:30 Endocrine Consult Rounds</td>
<td>12:00 - 1:00 Medical Grand Rounds</td>
<td>12:00 - 1:00 2nd Thursday Endocrine Research Conference</td>
<td>1:30 Endocrine Consult Rounds</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Hospital Rounds</td>
<td>12:00 - 1:00 4th Thursday Journal Club</td>
<td></td>
</tr>
</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.
ME226.03 CLINICAL NUTRITION

Advanced Clinical Clerkship
Location: CHS

COURSE CHAIR:
David Heber, M.D., Ph.D.
Eve Guth, MD

PHONE #:
(310) 206-1987

SUPPORTING FACULTY:
Edward Livingston, M.D. & Zhaoping Li, Ph.D.

STUDENT COORDINATOR:
Susan J. Bowerman, M.S., R.D.
PHONE #:
(310) 206-3912
E-MAIL: sbowerman@mednet.ucla.edu

REPORT TO:
Ctr. for Human Nutrition, Warren Hall, 900 Veteran Ave, Rm 12-211 @ 8:30 am.

AVAILABLE TO EXTERNS:
Yes

PREREQUISITES:
Medicine, Surgery and Pediatrics

STUDENTS / PERIOD:
max 2 min 1

DURATION:
3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
By Arrangement

DESCRIPTION:
This course provides an intensive exposure to outpatient nutrition in an ambulatory setting, preparing students to integrate nutrition therapy into their clinical practice for the prevention and treatment of common chronic diseases. There is also experience with inpatient nutrition in conjunction with the Surgical Obesity Program and exposure to multidisciplinary nutrition in the University Obesity Center.

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.

COMMON PROBLEMS/DISEASES

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

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH 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>
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</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 Saturday 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 E-MAIL: sfuller@mednet.ucla.edu

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

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXterns: Yes. Externs should do 4-week rotations

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

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

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%

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>
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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)</td>
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<td>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 Rnds (UCLA), GI Pathology Conference*</td>
<td>Weekly GI Conference</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Only the first year Fellows are on call with the Attending on second call. Residents and /or students are not on call.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Students will meet with a selected faculty member at least two times during the month for a discussion regarding techniques in gastrointestinal history taking and physical diagnosis. *Liver Biopsy and GI Pathology Conference not held during the summer. ** Held the third Thursday of the month except for July and August.
ME230.02 GASTROENTEROLOGY

Advanced Clinical Clerkship
Location: CS

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

SUPPORTING FACULTY:

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

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

PREREQUISITES: Medicine

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45

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

STUDENT EXPERIENCES

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

INPATIENT: 75%  OUTPATIENT: 25%  CONSULTATION: 90%  PRIMARY CARE: 10%  CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
X OTHER Metabolic Support Team

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:30 - 12:00 GI Outpt. Clinic</td>
<td>7:30 - 8:30 Liver Conference 8:30 - 10:30 GI Rounds and GI Topics 10:30 - 12:00 MST rounds</td>
<td>8:30 - 12:00 GI Rounds</td>
<td>8:30 - 9:30 GI Conference (Path, Radiol, Clinical) 9:30 - 12:00 GI Rounds and GI Topics</td>
<td>8:00 - 10:00 Fellows GI Core Curriculum (VA Wadsworth) 8:30 - 9:30 Medical Grand Rounds 10:30 - 12:00 MST Rounds</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 - 1:00 GI Fellows Endoscopy 1:00 - 5:00 HEP Outpt Clinic if not in continuity clinic</td>
<td>12:30 - 3:30 GI Fellows Endoscopy 12:30 - 1:30 IBP Conference.</td>
<td>12:00 - 1:00 Journal Club 2nd Tuesday 1:00 - 5:00 Motility Out Patient Clinic</td>
<td>1:00 - 2:00 GI Voluntary Attending Rounds</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis and pathophysiology of common GI diseases.
2. Practical experience in the orderly evaluation and problem orientation of hospitalized patients referred for GI consultation, responding to the consultation request.
3. Knowledge of the principles of management of common GI problems with practical application of physiologic principles in a patient-oriented setting and active participation in follow-up care.
4. Familiarity with the histopathology and radiologic abnormalities of GI diseases.
5. Familiarity with GI endoscopic procedures (sigmoidoscopy, biopsy, gastroscopy, ERCP, colonoscopy, polypectomy), endoscopic findings, and the indications for endoscopy.
6. Experience with critical literature review in gastroenterology.

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

STUDENT EXPERIENCES

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

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 16

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

TYPICAL WEEKLY SCHEDULE

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

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 20-25
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 500-600

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
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<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>PM</td>
<td>Medical Lecture &quot;**Journal Club **Endoscopy Conference or Video Presentation &quot;**G.I. Physio,or Res.</td>
<td>In-Service Rancho Los Amigos Hospital Conferences or Flex. Sigmoidoscopy Training.</td>
<td>Medical Lecture Fellow/Resident Topic Rev. &quot;**G.I. Faculty Lecture **G.I. Pathology Conf. &quot;**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.
### GASTROENTEROLOGY

**Advanced Clinical Clerkship**

<table>
<thead>
<tr>
<th>Location</th>
<th>SFVMP</th>
</tr>
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</table>

**COURSE CHAIR:**
Ronald Koretz, M.D.  (818) 364-3205

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

**STUDENT COORDINATOR:**
Tony Ahankoob  (818) 364-3205
E-MAIL: tahankoob@dhs.ca.la.ca.us

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

**PREREQUISITES:**
Medicine and Surgery

**AVAILABLE TO EXTERNALS:** Yes

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

**DURATION:** 3 weeks

**2003-2004 ROTATIONS BEGIN WEEKS:**
By Arrangement

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

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

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

#### STUDENT EXPERIENCES

**COMMON PROBLEMS/DISEASES**

<table>
<thead>
<tr>
<th>Inpatient: 50%</th>
<th>Close Contact With:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peptic ulcer disease</td>
<td>FULL TIME FACULTY</td>
</tr>
<tr>
<td>Gastrointestinal bleeding</td>
<td>CLINICAL FACULTY</td>
</tr>
<tr>
<td>Cirrhosis</td>
<td>FELLOWS</td>
</tr>
<tr>
<td>Functional bowel disease</td>
<td>RESIDENTS</td>
</tr>
<tr>
<td>Pancreatitis</td>
<td>INTERNS</td>
</tr>
<tr>
<td>Jaundice</td>
<td>OTHER surgical staff</td>
</tr>
<tr>
<td>GI cancer</td>
<td></td>
</tr>
<tr>
<td>Hepatitis</td>
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</tbody>
</table>

**APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:** 30 - 40

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

#### 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>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>
</tr>
<tr>
<td>PM</td>
<td>In-Patient Consultations</td>
<td>In-Patient Consultations Library GI Journal Club In-Patient Rounds - OV</td>
<td>In-Patient Consultation GI Path Conference - OV Library Inpatient Rounds OV1</td>
<td>In-Patient Consultations Library</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

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

SUPPORTING FACULTY: Drs. Stephen Lee, Michael Lill and Stephen Lim

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

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

PREREQUISITES: Medicine

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45

DESCRIPTION: Designed for 4th year students with an interest in Hematology/ Oncology.

STUDENT EXPERIENCES

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 50%</th>
<th>OUTPATIENT: 50%</th>
<th>CONSULTATION: 100%</th>
<th>PRIMARY CARE: 0%</th>
<th>CLOSE CONTACT WITH:</th>
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<tbody>
<tr>
<td>1. Myeloproliferative disorders</td>
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<td>2. Infection in compromised host</td>
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<td>3. Bleeding patient with coagulopathy</td>
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<td>4. Hemolytic anemia</td>
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<td>5. Non-Hodgkin's lymphoma</td>
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<td>6. Breast cancer</td>
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<td>7. Lung cancer</td>
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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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<td>9:00 Clinic</td>
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<td>9:30 Morph/Clin Path</td>
<td>10:00 Attending Rounds</td>
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<td>10:30 Walk Rounds</td>
<td>11:00 Hospice Rounds</td>
<td>Grand Rounds</td>
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|       | 12:00 Noon Conference | 12:00 Multidisciplinary Cancer Conf. | 12:00 Tumor Board | 12:00 Noon Conference |
| PM    | 2:00-3:00 Hem./ Onc. Lectures | 2:00-3:00 Hem./ Onc. Lectures | 2:00-3:00 | 2:00-3:00 |

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

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

**TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:** 62

**TYPICAL WEEKLY SCHEDULE**

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<td>PM Inpt. Cons. Service</td>
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<td>Myeloma Clinic Reviews</td>
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**COURSE CHAIR:** Yutaka Niihara, M.D.  
PHONE #: (310) 222-3695

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

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

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

**AVAILABLE TO EXTERNALS:** Yes

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

**DURATION:** 3 weeks

**2003-2004 ROTATIONS BEGIN WEEKS:**
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

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

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

**STUDENT EXPERIENCES**

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

**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:** 120

**TYPICAL WEEKLY SCHEDULE**

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| AM   | 8:00 - 12:00 Ward Consults  
8:30-9:30 Chief’s Rounds  
10:30-11:30 Heme Slides | 8:30 - 9:30 Medical Grand Rounds  
10:00 – 12:00 Bone Marrow Clinic Oncology Clinic | 7:30 - 8:15 Heme Seminar  
8:15 – 12:00 Hematology Clinic | 8:00 – 9:00 BM Review  
9:00 – 10:00 Oncology Seminar  
10:00 – 12:00 Oncology/Hematology Rounds | 8:00 - 12:00 Oncology Clinic |
| PM   | 12:00 - 1:00 Medical Lecture Series  
1:00 – 5:00 Ward Consults | 12:30-1:30 Breast TumorBoard  
2:00 - 4:00 Oncology/Hematology Rounds | 1:00 Ward Consults  
3:00 – 5:00 Hematology Teaching Rounds | 12:00 - 1:00 Morbidity & Mortality Conference  
1:30 - 3:00 Hematology Grand Rounds  
3:00 - 5:00 Ward Consults | 1:30 - 3:00 Oncology/Hematology Rounds  
3:00 – 5:00 Ward Consults |

**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 out-patient records, and in-patient consultations.
8. Knowledge of commonly used chemotherapeutic agents and their toxicities.
9. Psychosocial problems and their management, including pain management and hospice care.
10. Focused literature research and faculty tutorial on single topic selected by student(s).
11. Diagnosis and management of common oncologic emergencies, e.g., neutropenic sepsis, hypercalcemia, cord compression syndrome.

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

STUDENT EXPERIENCES

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

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 20 - 30
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 120

TYPICAL WEEKLY SCHEDULE

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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME245.01  INFECTION DISEASES
Advanced Clinical Clerkship  Location:  CHS

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

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

COURSE CHAIR:  PHONE #:  Bernard M. Kubak, M.D., Ph.D, Director (310) 825-7225
SUPPORTING FACULTY:  
Drs. D. Pegeus, A. Moe, B. Kubak, J. Currier, M. Liebowitz, and M. Carlson

STUDENT COORDINATOR:  PHONE #:  Janette Weisberg (310) 825-7225  
E-MAIL:  jweisberg@mednet.ucla.edu

AVAILABLE TO EXTERNALS:  Yes
STUDENTS / PERIOD:  max 1 min 1
DURATION:  3 weeks  (2 weeks By Arrangement)

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 work-ups.
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.

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.

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
                        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 and faculty contact. Individual faculty advisor arrangements may be made, but advance notification (3 months) is necessary. No students are scheduled without first contacting the coordinator above 2-3 months in advance to ensure faculty scheduling, interest, and accommodations. Students are welcome BUT MUST coordinate individually with faculty.
ME245.02 INFECTIONOUS DISEASES

Advanced Clinical Clerkship
Location: HARBOR

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

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

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

STUDENT EXPERIENCES

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH 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>
<th>Thursday</th>
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<tbody>
<tr>
<td>AM</td>
<td>9:30 - 10:30 Intake Rounds</td>
<td>8:30 - 9:30 Medical Grand Rounds</td>
<td>8:00 – 12:00 AIDS Clinic</td>
<td>8:00 – 12:00 AIDS Clinic</td>
<td>8:30 - 9:30 Student/Resident Topic Session</td>
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<td></td>
<td></td>
<td>9:00 – 12:00 I.D. Clinic</td>
<td>9:30 - 10:30 Intake Rounds</td>
<td>9:30 - 10:30 Intake Rounds</td>
<td>9:30 - 10:30</td>
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<tr>
<td></td>
<td></td>
<td>10:00 - 11:00 Intake Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 - 1:00 Medicine Lect. Series</td>
<td>1:30 - 3:00 Teaching Rounds</td>
<td>1:30 - 3:00 Teaching Rounds</td>
<td>1:30 - 4:00 Teaching Rounds</td>
<td>12:00 - 1:00 I.D. Grand Rounds</td>
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<tr>
<td></td>
<td>1:00 - 5:00 AIDS Clinic</td>
<td></td>
<td>4:30- 5:30 ID Diactic Course</td>
<td>4:30- 5:30 ID Diactic Course</td>
<td>1:30 - 3:30 (1st &amp; 3rd Friday) Adult ID Rounds</td>
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<tr>
<td></td>
<td>1:30 - 5:00 I.D. Teaching Rounds</td>
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<td></td>
<td>1:30 - 2:30 Peds/ID Combined Conference</td>
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<td></td>
<td>2:00 - 3:15 Chest I.D. Comb. Conference</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

Advanced Clinical Clerkship

Location: KERN

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

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

STUDENT COORDINATOR: LaDonna Marberry  PHONE #: (661) 326-2168
E-MAIL: marberrl@kernmedctr.com

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

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

PREREQUISITES: Must have completed 3rd year

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 4 weeks

2003 - 2004 ROTATIONS BEGIN WEEK:
By Arrangement

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

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

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

<table>
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<tr>
<th>Hour</th>
<th>Monday</th>
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</thead>
<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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<tr>
<td>PM</td>
<td>12:00 Medicine Conf.</td>
<td>12:00 Medicine Conf.</td>
<td>12:00 Medicine Conf.</td>
<td>12:00 Medicine Conf.</td>
<td>12:00 Medicine Conf.</td>
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<tr>
<td></td>
<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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<tr>
<td></td>
<td>3:00 Teaching Rounds</td>
<td>3:00 Teaching Rounds</td>
<td>3:00 Teaching Rounds</td>
<td>3:00 Teaching Rounds</td>
<td>3:00 Teaching Rounds</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

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


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

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

STUDENT COORDINATOR:  PHONE #:  
Tony Ahankoob  (818) 364-3205  E-MAIL: tahankoob@dhs.ca.la.ca.us

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

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2003-2004 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. An understanding of the clinical presentation, laboratory evaluation, and management of common infectious disease problems such as fever, pneumonia, urinary tract infection, tuberculosis, AIDS, and hospital acquired infections.
2. Appropriate management of outpatient infectious disease problems, including outpatient management of HIV infection.
3. Knowledge of and appropriate use of antimicrobial agents.
4. Evaluation of tropical infectious disease problems such as malaria, typhoid fever, and parasitic diseases.
5. An understanding of public health measures for the control of infectious diseases as well as a knowledge of the basic epidemiology of hospital acquired infection.

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

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Bacterial pneumonia
2. Sepsis
3. Tuberculosis
4. AIDS
5. Fungal disease
6. Parasitic disease
7. Hospital Acquired Infection

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. See Consults</td>
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<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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<td>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.
**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. Knowledge of the use of radiological and radionuclide procedures (radionuclide scanning, computerized tomography, sonography and MRI) for diagnosis of infection.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

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

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

**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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<tr>
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<tbody>
<tr>
<td></td>
<td>9:00-12:00 Work Rounds &amp; New</td>
<td>8:30 - 10:00 Combined I.D. Conference (WVA,</td>
<td>9:00 - 12:00 Work Rounds &amp; New</td>
<td>9:00 - 11:00 Work Rounds</td>
<td>8:00 - 8:30 ID Topic Talk</td>
</tr>
<tr>
<td>AM</td>
<td>Rounds with Fellows and Residents; Evaluate New Consults 12:00 - 1:00 Noon Conference</td>
<td>OVMC/SVA &amp; CS)</td>
<td>12:00 - 1:00 Medical Grand Rnds</td>
<td>11:00 - 12:00 Clinical Lab Teaching Rnds</td>
<td>8:30 - 11:30 ID Clinic</td>
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<tr>
<td></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>12:00 -1:00 Noon Conference</td>
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<td>PM</td>
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**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** We encourage students who plan to do residencies in adult medicine (either Internal Medicine, Family Practice, Surgery, or Surgical subspecialties) to take our course. There is a strong emphasis on learning to manage most of the common (but sometimes difficult) types of infection that may be seen in clinical practice. ID Journal Club meets twice a month. ID Research Conference meets once a month.
**ME245.07 INFECTIOUS DISEASES**

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

### SUPPORTING FACULTY:
Drs. P.L. Gaut

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

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

### PREREQUISITES:
Medicine and Surgery

### AVAILABLE TO EXTERNS:
Yes

### STUDENTS / PERIOD:
max 2  
min 1

### DURATION:
3 weeks

### 2003-2004 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-radiouclide, 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

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 85%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Infections in HIV/AIDS</td>
<td></td>
<td>FULL TIME FACULTY</td>
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<tr>
<td>2. Bacteremia</td>
<td></td>
<td>CLINICAL FACULTY</td>
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<tr>
<td>3. Fever of uncertain origin</td>
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<td>FELLOWS</td>
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<tr>
<td>4. Pneumonia</td>
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<td>RESIDENTS</td>
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<td>5. Soft tissue infection</td>
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<td>INTERNS</td>
</tr>
<tr>
<td>6. Central nervous system infection</td>
<td></td>
<td>OTHER Microbiologist in clinical microbiology</td>
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<tr>
<td>7. Infection in compromised host</td>
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<tr>
<td>8. Hospital acquired infection</td>
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**APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:** 8 - 10

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

### TYPICAL WEEKLY SCHEDULE

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<thead>
<tr>
<th>Hour</th>
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<th>Wednesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 Work Rounds with Fellows and Evaluation of New Consults</td>
<td>9:00 - 12:00 noon I.D. Clinic</td>
<td>8:00 Work Rounds with Fellows and Evaluations of New Consults</td>
<td>8:30 Work Rounds with Fellows and Evaluations of New Consults</td>
<td>8:30 Med. Grand Rounds 11:00 Microbiology Lab Rounds</td>
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<td>9:00 Core Lectures 10:30 ID Consult Rounds</td>
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<td>11:00 Microbiology Lab Rounds 9:00-11:00 Core Lectures</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)</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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<tr>
<td></td>
<td>2:15 Work Rounds 4:00 ID Consult Rounds</td>
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<td>4:00 - 6:00 Attending I.D. Rounds</td>
<td>ID Rounds</td>
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### ON-CALL SCHEDULE & WEEKEND ACTIVITIES:
None

### ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME245.08 INTERNAL MEDICINE - INFECTIOUS DISEASE

Advanced Clinical Clerkship Location: KAISER.SUN

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

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

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

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

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

<table>
<thead>
<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00-9:00 Morning Report</td>
<td>Morning Report</td>
<td>Morning Report</td>
<td>Morning Report</td>
<td>Morning Report</td>
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<tr>
<td></td>
<td>9:00-12:00 Work-up New Consults and Review Prior Patients</td>
<td>Work-up New Consults and Review Prior Patients</td>
<td>Work-up New Consults and Review Prior Patients</td>
<td>Work-up New Consults and Review Prior Patients</td>
<td>Work-up New Consults and Review Prior Patients</td>
</tr>
<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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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Weekends off.

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

STUDENT EXPERIENCES
<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: 70%</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Cardiac diseases</td>
<td></td>
<td>X FULL TIME FACULTY</td>
</tr>
<tr>
<td>2. Peripheral Vascular diseases</td>
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<td>X CLINICAL FACULTY</td>
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<tr>
<td>3. Hypertension</td>
<td></td>
<td>X FELLOWS</td>
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<tr>
<td>4. Postoperative wound infections</td>
<td>80%</td>
<td>X RESIDENTS</td>
</tr>
<tr>
<td>5. Postoperative pneumonia</td>
<td>70%</td>
<td>INTERNS</td>
</tr>
<tr>
<td>6. GI and Bronchogenic carcinoma</td>
<td>20%</td>
<td>OTHER</td>
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<tr>
<td>7. Drug toxicities and interactions</td>
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<td>8. Complications of diabetes mellitus</td>
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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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<th>Wednesday</th>
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<tbody>
<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>
<td>7:30 Clinical Conf. PCDC</td>
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<td>8:30 Patient Care/Consults</td>
<td>10:00 X-Ray Rounds</td>
<td>8:30 Patient Care/Consults</td>
<td>8:30 Patient Care/Consults</td>
<td>8:30 Patient Care/Consults</td>
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<tr>
<td></td>
<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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<td></td>
<td>7:30 Clinical Conf.</td>
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<td>PCDC</td>
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<td></td>
<td>12:00 Primary Care Grand Rounds</td>
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<tr>
<td></td>
<td>12:00 Internal Medicine Lecture</td>
<td>12:00 EKG/CXR Conference</td>
<td>12:00 Medical M &amp; M</td>
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<tr>
<td></td>
<td>1:00 Preoperative Clinic PCDC</td>
<td>1:30 Attending Rnds</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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<td>3:00 Attending Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

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

Advanced Clinical Clerkship  Location: KERN  2003-2004  1/02/2003

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 and understanding problem oriented progress notes.
3. Establish priorities in diagnostic tests; interpretation of lab data; cost-effective patient evaluation.
4. Develop clinical judgment and decision-making skills.
5. Ascertain patient’s goals understanding and adherence with meds and/or lifestyle changes.
6. Understand the basic concept and dilemmas in medical ethics.
7. Role of computers in medicine and their use in education, practice management, QA.

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

SUPPORTING FACULTY:

STUDENT COORDINATOR:  PHONE #:
LaDonna Marberry  (661) 326-2168
E-MAIL: marberry@kernmedctr.com

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

PREREQUISITES: None

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD:  max 3  min 1

DURATION:  4 weeks

2003-2004 ROTATIONS BEGIN WEEKS: By Arrangement

DESCRIPTON: 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:
FULL TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
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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<tr>
<th>Hour</th>
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<td>AM</td>
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<td>8:30 Work Rounds</td>
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<td>10:00 Teach Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 Conference</td>
<td>12:00 Conference</td>
<td>12:00 Conference</td>
<td>12:00 Conference</td>
<td>12:00 Conference</td>
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<tr>
<td></td>
<td>3:00 Student Lecture</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>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On-call every 8th night: Saturday a.m. check-in.

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

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

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

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

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

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

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Cardiac exam
2. Musculoskeletal exam
3. Neurologic exam
4. Clinical history taking/patient interview skills
5. Eval. of patients w/ acute abdominal pain.
6.
7.
8.

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

<table>
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<tr>
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</thead>
<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 Videotape Interviews Overview - History Taking Skills</td>
<td>9:30 -12:00 Physical Diagnosis Rounds - OV Wards</td>
</tr>
<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 Overview- Videotapes Interview Skills</td>
<td>1:00 - 4:30 Musculoskeletal Exam Neuro Cases Overview - Hlhistory Taking</td>
<td>1:00 - 4:30 Pulmonary Cases Eye Exam Neuro Cases</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

Advanced Clinical Clerkship

Location: CHS

COURSE CHAIR: Christopher B. Cooper, M.D. (310)-825-5988

SUPPORTING FACULTY:
Jonathan Goldin, M.D., Ph.D. & Alan Wilkinson, MD

STUDENT COORDINATOR: Karen Cho (310)-825-5615

Maria Abraham (310) 825-8599

REPORT TO: Dr. Christopher B. Cooper 37-131 CHS (Pulmonary Div. Office)

AVAILABLE TO EXTERNS: No

PREREQUISITES: Medicine and Surgery

STUDENTS / PERIOD: max 24 min 6

DURATION: 2 weeks

2003-2004 ROTATIONS BEGIN WEEKS: 30

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

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

STUDENT EXPERIENCES

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

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 50

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

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>9:00 am Clinical slides 10:30 – 12:00 Demonstration of organ system examination</td>
<td>9:00 am Clinical slides 10:30 – 12:00 Identification of abnormal physical findings in patients</td>
<td>9:00 am Clinical slides 10:30 – 12:00 Demonstration of organ system examination</td>
<td>9:00 am Clinical slides 10:30 – 12:00 Identification of abnormal physical findings in patients</td>
<td>9:00 am Clinical slide quiz</td>
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<tr>
<td>PM</td>
<td>2:00 – 3:30 pm Demonstration of diagnostic skills in radiology</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Students will need white coats for encounters with patients. Bring a stethoscope to sessions. Bring a tendon hammer and ophthalmoscope only if you already have them.
**COURSE OBJECTIVES** (in order of importance)

1. To prepare medical students to begin practice in a minority shortage area of California in the 2000s and successfully become a permanent, long-term source of health care in that area in the future.

2. To acquaint students with the health policy, health economics, health care organization, and other issues which will affect the delivery of effective health care in minority shortage areas of California in the 2000s and beyond.

3. To put students in contact with successful physicians, medical directors, clinic administrators, and others in a shortage area with whom they may work in the 2000s.

4. To become acquainted with the opportunities and methods of delivering effective healthcare to minority shortage area patients through actual participation in the day-to-day work of a physician who is successfully delivering care to such patients.

**DESCRIPTION:**

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

**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.  

**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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<tr>
<td>AM</td>
<td>9:30 a.m. Lecture: Clinical Epidemiology and Behavioral Medicine &amp; Communication</td>
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<td>9:30 a.m. Preceptor Patient Care</td>
<td>9:30 a.m. Preceptor Patient Care</td>
<td>9:30 a.m. Preceptor Patient Care</td>
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<td>PM</td>
<td>1:30 p.m. Preceptor Patient Care</td>
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**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:** N/A

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Bilingual skills in English and Spanish not required, but would be very helpful.
ME253.02 INTERNATIONAL HEALTH

Advanced Clinical Clerkship Location: KDMC

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

SUPPORTING FACULTY:
Dr. Adeleh Esfandiari

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

REPORT TO:
Dr. Adeleh Esfandiari

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

AVAILABLE TO EXTERNS: No

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
By Arrangement

COURSE OBJECTIVES (in order of importance)
1. To actively participate in the diagnosis and management of diseases found in developing countries.
2. To sharpen microscopic and radiologic diagnostic and management skills.
3. To understand the health care delivery systems in developing countries through actual participation.
4. To become acquainted with social nuances & their influence on health and the delivery of health care.
5. To learn the significance & mechanisms of "team approach" to health care and the delivery of health care.
6. To learn the relationship between and importance of 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.

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

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

<table>
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<tr>
<th>Variable with each assignment</th>
<th>PRIMARY CARE: 100%</th>
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<tbody>
<tr>
<td>1. Parasitic infections</td>
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<td>2. Nutritional disorders</td>
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<td>3. Health of pregnant &amp; lactating women</td>
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<tr>
<td>4. Communicable childhood diseases &amp; general pediatric diseases</td>
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<td>5. Internal medicine problems</td>
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INPATIENT: 80% 
OUTPATIENT: 20% 
CONSULTATION: 0%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 75

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

TYPICAL WEEKLY SCHEDULE

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
Clerkships available in Liberia, Swaziland, Kenya, and Indonesia. Travel and housing assistance possible, but not guaranteed. All clerkships occur in developing countries and are supervised by preceptors and or a Drew Faculty clinician.
ME254.01 PHYSICAL MEDICINE AND REHABILITATION

Advanced Clinical Clerkship
Location: WVA

2003-2004
3/19/2003

COURSE CHAIR:  Shavarsh Chrissian, M.D.  (310) 478-3711 ext. 48321
PHONE #:  FAX:  (310) 268-4935

SUPPORTING FACULTY:
Rehabilitation Medicine Service Staff

STUDENT COORDINATOR:  Beatrice C. Blake  (310) 478-3711 ext. 48315
PHONE #:  E-MAIL:  beatrice.blake@med.va.gov

REPORT TO:  West Los Angeles VA Medical Center, Bldg. 500, Room 1419, 8:00 am.

FAX:  (310) 268-4935

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
X  CLINICAL FACULTY
X  RESIDENTS
X  INTERNS
X  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 Patient Evaluation*</td>
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<td>Patient Evaluation*</td>
<td>Patient Evaluation*</td>
<td>Electromyography</td>
<td>Op Clinic</td>
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<td>Electromyography</td>
<td>OP Clinic</td>
<td>Electromyography</td>
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<tr>
<td>PM</td>
<td>Patient Evaluation*</td>
<td>Prosthetics or Musculoskeletal Lecture Series</td>
<td>Patient Evaluation*</td>
<td>Chronic Pain Clinic</td>
<td>Patient Evaluation*</td>
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<td>OP Clinic</td>
<td>Core Lecture Annual Lecture Series</td>
<td>OP Clinic</td>
<td>Neurolysis (Nerve and muscle block) clinic</td>
<td>Brace Clinic</td>
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<td>Somatosensory Evoked Potentials</td>
<td>Core Lecture Annual Lecture Series</td>
<td>Wheelchair Clinic</td>
<td>Wellness Clinic or Gait Lab</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  No night call.

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

STUDENT EXPERIENCES

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

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 25-30
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 280-300

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>Outpatient EMG</td>
<td>Rheumatology Outpatient Clinic</td>
<td>Outpatient Evaluation Clinic</td>
<td>Medicine Grand Rounds</td>
<td>Out-Patient Evaluation Clinic</td>
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<td></td>
<td>Rheumatology Conference</td>
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<td>Urgent Rehab Clinic @ WLA</td>
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<tr>
<td>PM</td>
<td>Outpatient EMG</td>
<td>1:00 - 4:30 Lecture @ Wadsworth, VA</td>
<td>Amputee/Brace Clinic</td>
<td>Musculoskeletal - Sports Medicine Clinic</td>
<td>Pain Management Clinic @ WLA</td>
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<td>Wheelchair Clinic</td>
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<td>Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME254.03 PHYSICAL MEDICINE & REHABILITATION INTRODUCTION

Advanced Clinical Clerkship

Location: CS

2003-2004
12/4/2002

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 EXTERNALS:
No

STUDENTS / PERIOD:
max 2 min 1

DURATION:
3 weeks

2003-2004 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 work-ups associated with rehabilitation problems.
7. To understand methods of approaching difficult patient behaviors.
8. To understand research frontiers in the field, current cost issues and discharge planning.

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

STUDENT EXPERIENCES

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

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

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

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

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

STUDENT EXPERIENCES
| INPATIENT | 0% | CLOSE CONTACT WITH: |
| CONSULTATION | 10% | FULL TIME FACULTY |
| PRIMARY CARE | 90% | CLINICAL FACULTY |

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

TYPICAL WEEKLY SCHEDULE
<table>
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<tr>
<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>
<td>Sepulveda Women’s Health Clinic</td>
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<tr>
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<td>NP Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None
ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME260.01 NEPHROLOGY

Advanced Clinical Clerkship Location: CS

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

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

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 EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 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%
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: 80

TYPICAL WEEKLY SCHEDULE

Hour Monday Tuesday Wednesday Thursday Friday
AM 8:00 - 9:00 Journal Club B-203 8:00 - 9:00 HM 465 Wadsworth VA Renal Attending Rds, 3 ft. VA Conf Rm 7:00-8:00 Renal Grd Rds, 3 f.
Conf. Rm. Becker Bldg. Renal Gr. Rds (combined with Endo once/month - All Flws, Res. & Studts.) 9:00 - 12:00 Transplant Clinic (T. fellow) 10:00-11:00 Attending Rds 6SW Conf. Rm, Fellows, Res., Studts. 10:00-12:00 Attending Rds 6SW Conf. Rm, Fellows, Res., Studts. 11:00 - 12:00 Fluid & Electrolyte Conf. 6SW Conf Room 7:15 - 8:15 UCLA Did. Pathophysiology,
8:15-9:15 Res in Progress, Wads VA
9:30 - 10:30 Hypertens Rds, Dr. S. Franklin 10:00-12:00 Attd. Rds
10:00-12:00 Attd. Rds 6SW Conf Rm
11:00 - 12:00 Attending Rds 6SW Conf. Rm, Fellows, Res., Studts. 1:30-2:30 Transplant Rds. 4:00-5:00 Hemodialysis Rds. 8:30 - 12:00 Wadsworth VA Renal Clinic (C Flws, Res. & Studts.) 9:30-11:00 CAPD Clinic - Dr. Rodriguez (T. fellow) 1:00 - 1:45 Renal Path Conf., Alternate with Radiology (1st wk US + CT Rad, 8th Ultrasd) 10:00-12:00 Attending Rds 6SW Conf. Rm, Fellows, Res., Studts. 1:00 - 1:45 Renal Path Conf., Alternate with Radiology (1st wk US + CT Rad, 8th Ultrasd Dr. Van Allen) 1:30 - 3:30 Transplant Rds. 1:00 - 1:45 Renal Path Conf., Alternate with Radiology (1st wk US + CT Rad, 8th Ultrasd Dr. Van Allen) 1:30 - 3:30 Transplant Rds. 1:00 - 1:45 Renal Path Conf., Alternate with Radiology (1st wk US + CT Rad, 8th Ultrasd Dr. Van Allen) 1:30 - 3:30 Transplant Rds. 1:30:2:30 Transplant Rds. (T. fellow) 1:30-4:30 2nd & 4th wks CSMC Renal Clinic (C. fellow, stdnt.) Ambulatory Care Center; 4:00-5:00 Hemodialysis Rds.

PM 1:00 - 1:45 Renal Path Conf., Alternate with Radiology (1st wk US + CT Rad, 8th Ultrasd Dr. Van Allen) 3rd wk. - 2:00-3:00 Nuc. Med. 4:00-5:00 Hemodialysis Rds + CAPD Clin. 1:30-3:30 Transplant Rds. 4:00-5:00 Hemodialysis Rds + CAPD Clin. 1:00 - 1:45 Renal Path Conf., Alternate with Radiology (1st wk US + CT Rad, 8th Ultrasd Dr. Van Allen) 3rd wk. - 2:00-3:00 Nuc. Med. Dr. Waxman 1:30 - 3:30 Transplant Rds. (T. fellow) 1:30-2:30 Transplant Rds. (T. fellow) 1:30-4:30 2nd & 4th wks CSMC Renal Clinic (C. fellow, stdnt.) Ambulatory Care Center; 4:00-5:00 Hemodialysis Rds.

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

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

**Advanced Clinical Clerkship**

**Location:** CHS

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**COURSE CHAIR:**

Drs. Minhithri Nguyen & Ira Kurtz

**PHONE #:** (310) 206-6741

**SUPPORTING FACULTY:**

A. Nissenson, A. Wilkinson, W. Goodman,

**STUDENT COORDINATOR:**

Lesley Edelstein

**PHONE #:** (310) 206-6741

**E-MAIL:** ledelstein@mednet.ucla.edu

**REPORT TO:**

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

**AVAILABLE TO EXTERNS:**

No

**PREREQUISITES:**

Medicine

**STUDENTS / PERIOD:**

max 2 min 1

**DURATION:**

3 weeks

**2003-2004 ROTATIONS BEGIN WEEKS:**

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

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**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 hypo-osmolar syndromes, electrolyte abnormalities, and acute and chronic renal failure.

2. The use of antibiotics, cardiac and vasoactive agents in renal failure and antihypertensives.

3. Clinical skills: medical interviewing and physical examination.


5. The interpretation of acid-base parameters, fluid-electrolyte levels, and the work-up of hypertensive patients.

6. Special skills such as: reading IVPs, renal scans, cat scans, and ultrasound.

7. Diagnosis and management of complex inpatient problems.

8. Library research and interpretation of literature.

9. Basic science foundation of pathophysiology mechanisms.

10. Specialized patient care, e.g., dialysis.

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**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.

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**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

CLINICAL FACULTY

FELLOWS

RESIDENTS

INTERNS

OTHER

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

20

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

50-60

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**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>4:00 - 5:00 Tuesday Housestaff Renal Conference (every other week)</td>
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<td>9:00 - 12:00 General Nephrology Clinic</td>
<td>9:00 - 10:00 Consult Teaching Seminar</td>
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<td>PM</td>
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<td>12:00 - 1:00 Morbidity &amp; Mortality Conference</td>
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<td>43-105 CHS (Last Thursday)</td>
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**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**

Students are not included in the on-call schedule.

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**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

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166
ME260.03 NEPHROLOGY

Advanced Clinical Clerkship Location: SFVMP

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

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

STUDENT COORDINATOR: Tony Ahankoob
PHONE #: (818) 364-3205
E-MAIL: tahankoob@dhs.ca.ca.us

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

PREREQUISITES: Medicine

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 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

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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<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>2:00 - 4:00 Consult Rounds</td>
<td>8:30 - 12:00 Renal Clinic @ SVAMC</td>
<td>8:30 -9:30 Medical Grand Rounds</td>
<td>8:15 - 9:15 Research Pathophysiology Seminar</td>
<td>8:15 - 9:15 Seminar</td>
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<td>12:00-1:00 Journal Club or Renal Imaging</td>
<td>10:00 - 12:00 Consult Rounds</td>
<td>10:00 - 12:00 Consult Rounds</td>
<td>10:00 - 12:00 Consult Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
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. Pilon
STUDENT COORDINATOR: Kathy Rowley  PHONE #: (310) 222-3891  E-MAIL: rowley@rei.edu
REPORT TO: Harbor-UCLA Medical Center, Division of Nephrology and Hypertension, C1 Annex.
PREREQUISITES: Medicine
AVAILABLE TO EXTERNS: Yes
STUDENTS / PERIOD: max 3 min 1
DURATION: 3 weeks (4 weeks By Arrangement)

COURSE OBJECTIVES (in order of importance)
2. Medical judgment, analysis of medical data, and synthesis of information.
3. Interpretation of tests: Electrolytes, blood gases, 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.

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

STUDENT EXPERIENCES

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

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

APPRAOXIMATE # 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></td>
<td>8:30 - 9:30 Medical Grand Rounds</td>
<td>8:00-12:00 Renal Transplant Clinic</td>
<td>8:30 - 12:00 Nephrology Clinic</td>
<td>J1:15 - 8:15 Basic Science Seminar*</td>
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<td>9:30 - 11:00 Core Curriculum Lecture</td>
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<td>10:00-12:00 Consult Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 - 1:00 Medicine Lecture Series</td>
<td>2:00 - 5:00 Consult Rounds</td>
<td>2:00 - 4:00 Consult Rounds</td>
<td>12:00 - 1:00 Morbidity and Mortality Conference</td>
<td>1:00 - 4:00 Hypertension Clinic</td>
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<td>1:00-2:30 Neph Grand Rds</td>
<td>5:00 - 6:00 Transplant Rounds (optional)</td>
<td>4:30 - 6:00 Journal Club, Renal Pathology* Research Conference</td>
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<td>3:00-5:00 Neph Ronds</td>
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<td>3:00 - 5:00 Consult Rounds</td>
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<td>5:00-6:00 Transplant Rounds (optional)</td>
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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:  PHONE #:  
Barton S. Levine, M.D.  (310) 268-3835

SUPPORTING FACULTY:  

STUDENT COORDINATOR:  PHONE #:  
Helen Coleman   (310) 268-3835  E-MAIL:  helen.coleman@mednet.va.gov

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

AVAILABLE TO EXTERNS: Yes

PREREQUISITES: Medicine

STUDENTS / PERIOD:  max 2  min 1

DURATION: 3 weeks

2003-2004 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 VA WMC. The renal consult and clinic experience involves patients with acute and chronic renal failure of diverse etiologies, problems in diagnosis and management of fluid and electrolyte and acid-base disorders. Students participate in ward rounds, presenting new and follow-up patients to the attending physician. Once a week students attend the Renal and Hypertension out-patient clinics and are assigned one to two patients. Weekly conference consists of Renal Grand Rounds held jointly with UCLA-CHS Nephrology, pathophysiology seminar on Nephrology, a research oriented journal club, and Chief’s Rounds.

STUDENT EXPERIENCES

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

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

CLOSE CONTACT WITH: 
X FULL TIME 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: 50

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
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<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 Patho-Physiology Seminar (UCLA-CHS Participation)</td>
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<td>In-Patient Work-ups/Didactic Sessions</td>
<td>9:00-12:00 In-Patients Work-ups/Didactic Sessions</td>
<td>9:00-12:00 Hypertension Clinic</td>
<td>8:15-9:15 Research In Progress (UCLA-CHS Participation) In-Patient Work-ups Didactic</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 Work-ups</td>
<td>1:30-3:30 Attending Rounds</td>
<td>1:30-3:30 Attending Rounds</td>
</tr>
<tr>
<td></td>
<td>In-Patient Work-ups</td>
<td>4:00-5:00 Case Conference</td>
<td>In-Patient Work-ups</td>
<td>In-Patient Work-ups</td>
<td></td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

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

COURSE OBJECTIVES (in order of importance)
1. 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.
ME260.06  Nephrology


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

SUPPORTING FACULTY:  
Nephrology 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 EXTERNS:  
Yes

STUDENTS / PERIOD:  
max 1 min 1

DURATION:  
3 weeks

2003-2004 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, orderly investigation, differential diagnosis, and management of acute and chronic renal disease, acid-base disturbances, and fluid-electrolyte disorders.
2. Knowledge of the medical problems of patients with chronic renal failure.
4. Oral presentations.
5. Library research.
6. Awareness of cost effectiveness in clinical decision making.
7. Gain experience in a consultative role.

DESCRIPTION:

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
6.
7.
8.

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

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>Work Rounds</td>
<td>Work Rounds</td>
<td>Nephrology Core Curriculum</td>
<td>Work Rounds</td>
<td>Work Rounds</td>
</tr>
<tr>
<td>PM</td>
<td>Noon Teaching Conference</td>
<td>Teaching Conference</td>
<td>Teaching Conference</td>
<td>Teaching Conference</td>
<td>Grand Rounds</td>
</tr>
</tbody>
</table>

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  
By arrangement, a room within the hospital may be available for the entire month’s rotation. St. Mary Medical Center 1050 Linden Avenue, Box 887 Long Beach, Ca 90801
COURSE 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  
E-MAIL: mgalimore@cdrew.edu

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

2003-2004 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 five patients per week, work-up each patient, and present and discuss the findings with the renal faculty. In inpatient work-ups and discussions, emphasis will be on problem solving using logical, reasoned thinking rather than mere reciting of irrelevant facts. Laboratory demonstrations will provide exposure to detailed examination of urine.

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

Close Contact With:  
X FULL TIME FACULTY  
X CLINICAL FACULTY  
X RESIDENTS  
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>
<th>Hour</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00 - 10:00 Consult Rounds</td>
<td>8:00 - 10:00 Consult Rounds</td>
<td>8:00 - 10:00 Consult Rounds</td>
<td>8:00 - 10:00 Consult Rounds</td>
<td>8:00 - 10:00 Consult Rounds</td>
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<tr>
<td></td>
<td>10:00 - 11:00 Hypertension Clinic</td>
<td>10:00 - 11:00 Renal Clinic</td>
<td>10:00 - 11:00 Renal Clinic</td>
<td>10:00 - 11:00 Renal Clinic</td>
<td>10:00 - 11:00 Chief's Rounds</td>
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<td></td>
<td>11:00 - 12:00 Grand Rounds (Int. Med.)</td>
<td>11:00 - 12:00 Grand Rounds (Int. Med.)</td>
<td>11:00 - 12:00 Grand Rounds (Int. Med.)</td>
<td>11:00 - 12:00 Grand Rounds (Int. Med.)</td>
<td>11:00 - 12:00 Grand Rounds (Int. Med.)</td>
</tr>
<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>
</tr>
<tr>
<td></td>
<td>2:00 - 5:30 Attending Rounds and Case Discussions</td>
<td>2:00 - 5:30 Attending Rounds and Case Discussions</td>
<td>2:00 - 5:30 Attending Rounds and Case Discussions</td>
<td>2:00 - 5:30 Attending Rounds and Case Discussions</td>
<td>2:00 - 5:30 Attending Rounds and Case Discussions</td>
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</table>

On-Call Schedule & Weekend Activities:

Additional Comments and Other Special Requirements: Each student is expected to give a high level of performance. At Journal Club, they will be expected to research and lead discussion of the assigned topic. Free meals are provided during rotation at MLK. Students are encouraged to participate in clinical and basic research activities of the Division.
ME260.08 INTERNAL MEDICINE - NEPHROLOGY

Advanced Clinical Clerkship  
Location: KAISER.SUN  
2003-2004  
1/28/2003

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

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

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

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

PREREQUISITES:  
Medicine and Surgery

AVAILABLE TO EXTERNS:  
Yes

STUDENTS / PERIOD:  
max 2 min 1

DURATION:  
3 weeks

2003-2004 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 outpatient consultations and follow-up care with renal fellows and staff physicians, participation in informal conferences, teaching rounds, work rounds, and seminars. The option to attend other subspecialty conferences will be part of the student's experience.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

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

INPATIENT:  
80%

OUTPATIENT:  
20%

CONSULTATION:  
70%

PRIMARY CARE:  
30%

CLOSE CONTACT WITH:

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

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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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>
<td>Morning Report</td>
<td>Morning Report</td>
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<tr>
<td>11:00 - 12:00</td>
<td>Attending Rounds</td>
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<td>Attending Rounds</td>
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<tr>
<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>
<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>
</tr>
<tr>
<td>5:00</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>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

172
STUDENT COORDINATOR: PHONE #: Judy Jacobs (310) 423-4658
E-MAIL: judith.jacobs@cshs.org FAX (310) 423-5200

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

STUDENT EXPERIENCES

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

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

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

TYPICAL WEEKLY SCHEDULE

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

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

Advanced Clinical Clerkship  Location: S.BARBARA  2003-2004  9/16/2003

COURSE CHAIR:    PHONE #:  COURSE OBJECTIVES (in order of importance)
Robert S. Wright, M.D. (805) 681-7630

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

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

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

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXTERNS: No

STUDENTS / PERIOD: max 1 min 1

DURATION: 2 weeks

2003-2004 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

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

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.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

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

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

CLOSE CONTACT WITH:
FULL TIME FACULTY
X CLINICAL FACULTY
FELLOWS
X RESIDENTS
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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<th>Hour</th>
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<tbody>
<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.
COURSE CHAIR: Gregory M. Mason, M.D.  
PHONE #: (310) 222-2413

SUPPORTING FACULTY: Respiratory Division Faculty

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

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

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2003-2004 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 two pulmonary fellows, a medical resident, and an attending. The integration of medical, surgical, radiologic, pathologic, and physiologic features of lung disease is stressed at a weekly interdisciplinary Chest Conference staffed by faculty from these disciplines. The TB Conference addresses practical and theoretic issues in the current management of TB, MDR-TB with and without HIV infection.

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

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


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

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 50%
CLINICAL FACULTY 50%
FELLOWS 100%
RESIDENTS 0%
INTENS 0%
OTHER 0%

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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<thead>
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<tbody>
<tr>
<td>AM</td>
<td>7:00 - 11:00 Hospital Rounds &amp; Procedures (e.g. bronchoscopy, thorocentesis)</td>
<td>7:00 - 11:00 Hospital Rounds &amp; Procedures (e.g. bronchoscopy, thorocentesis)</td>
<td>7:00 - 11:00 Hospital Rounds &amp; Procedures (e.g. bronchoscopy, thorocentesis)</td>
<td>7:00 - 11:00 Hospital Rounds &amp; Procedures (e.g. bronchoscopy, thorocentesis)</td>
<td>7:00 - 11:00 Hospital Rounds &amp; Procedures (e.g. bronchoscopy, thorocentesis)</td>
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<td>Office</td>
<td>Office</td>
<td>8:00 - 12:00 Pulmonary Grand Rnds</td>
<td>Office</td>
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<tr>
<td>PM</td>
<td>11:00 - 5:00 Office</td>
<td>11:00 - 5:00 Office</td>
<td>11:00 - 5:00 Office</td>
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<td>11:00 - 5:00 Office</td>
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<tr>
<td></td>
<td>5:00 - 8:00 Hospital Rounds</td>
<td>5:00 - 8:00 Hospital Rounds</td>
<td>5:00 - 8:00 Hospital Rounds</td>
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<td>5:00 - 8:00 Hospital Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

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

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

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>
<th>Hour</th>
<th>Monday</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>8:00 Attending Rounds</td>
<td>9:00 UCLA-VA Clinic</td>
<td>8:00 Alt. X-Ray Conf. or Rheum. Conf.</td>
<td>9:00 Attending Rounds</td>
<td>8:30 - 9:30 Medical Grand Rounds</td>
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<tr>
<td>AM</td>
<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></td>
<td>1:00 Inpatients Rounds</td>
<td>UCLA Harbor Clinic</td>
<td>1:00 InpatientRounds</td>
<td>1:00 Inpatient Rounds</td>
<td>1:00 Inpatient Rounds</td>
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<tr>
<td>PM</td>
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<td></td>
<td>UCLA Research Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME275.02  RHEUMATOLOGY

Advanced Clinical Clerkship  Location: HARBOR

COURSE CHAIR:
Michael R. Liebling, M.D.  PHONE #: (310) 222-3697

SUPPORTING FACULTY:

STUDENT COORDINATOR:
Cecillia Maiava  PHONE #: (310) 222-3697  E-MAIL: cmaiava@rei.edu

REPORT TO: Rheumatology Fellow, E2-South, Harbor-UCLA Medical Center.

PREREQUISITES: Medicine and Surgery; Radiology Preferred

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 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 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, steroid immunosuppressive, and biologic agents.
5. Experience with ambulatory care of chronic musculoskeletal diseases.
6. Review American College of Rheumatology teaching materials – independent study
   a) clinical slide collection
   b) High Impact Rheumatology for primary care physicians
   c) up to date in rheumatology CD-ROMS

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

STUDENT EXPERIENCES

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

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

CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
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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<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:30 – 9:30 Rheumatology Journal Club</td>
<td>8:30 – 10:00 Medical Grand Rounds</td>
<td>8:00 – 9:00 Orthopaedic Conference</td>
<td>8:00 – 12:00 Lupus/RA Clinic</td>
<td>9:00 – 11:00 Rheumatology Attending Rounds</td>
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<tr>
<td></td>
<td>9:30 – 10:30 Faculty Lecture</td>
<td>10:00 – 12:00 Rheumatology Attending Rounds</td>
<td>11:00 – 12:00 Radiology Conference (Dr. D. Forrester)</td>
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<td>12:00 – 1:00 Rheumatology Grand Rounds at UCLA</td>
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<tr>
<td>PM</td>
<td>Consults</td>
<td>Consults</td>
<td>Consults</td>
<td>Consults</td>
<td>Consults</td>
</tr>
<tr>
<td></td>
<td>Rheumatology Slide Collection</td>
<td>General Arthritis Clinic</td>
<td>Independent Study</td>
<td>Independent Study</td>
<td>Independent Study</td>
</tr>
<tr>
<td></td>
<td>Consults</td>
<td>Rheumatology Journal Club at UCLA</td>
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</tbody>
</table>

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

178
ME275.04  CLINICAL RHEUMATOLOGY

Advanced Clinical Clerkship  Location: CHS  2003-2004
12/17/2002

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

SUPPORTING FACULTY:
Rheumatology Faculty and Fellows

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

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

AVAILABLE TO EXTERNALS:  Yes

STUDENTS / PERIOD:  max 2  min 1

DURATION:  3 or 6 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
By Arrangement

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

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

STUDENT EXPERIENCES

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

INPATIENT:  30%
OUTPATIENT:  70%
CONSULTATION:  50%
PRIMARY CARE:  50%
CLOSE CONTACT WITH:
FULL TIME FACULTY  X
CLINICAL FACULTY
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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<tr>
<th>Hour</th>
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<th>Tuesday</th>
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</thead>
<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 8:30 – 9:30 Rheumatology Clinic</td>
<td>Inpatient Evaluations Or Rheumatology Clinic</td>
<td>Rheumatology Inpatient Rounds 11:00 – 12:00 Rheumatology Grand Rounds</td>
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<tr>
<td></td>
<td>Rheumatology Clinic 200 Medical Plaza</td>
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<tr>
<td>PM</td>
<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 Independent Study or Rheumatology Clinic</td>
<td>12:00-1:00 Health Services Research Conference 1:00 – 5:00 Rheumatology Clinic</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

Advanced Clinical Clerkship Location: WVA

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

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

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

REPORT TO: West LA, Bldg. 500

AVAILABLE TO EXTERNS: Yes

PREREQUISITES: Medicine

STUDENTS / PERIOD: max 2 min 1

DURATION: 2 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
4, 6, 12, 16, 22, 30, 36, 40, 44, 50

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.

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.

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
X RESIDENTS
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>1:00 - 2:00 Radiatian Safety Lecture</td>
<td>2:00 - 4:00 Nuclear Medicine Clinic</td>
<td>2:00 - 4:00 Nuclear Medicine Clinic</td>
<td>11:00 - 12:00 Nuclear Med. Clinic</td>
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<td>1:00 - 2:00 Clinical Lecture</td>
<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>1:00 - 2:00 Imaging Interpretation &amp; Dictation Of Studies</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

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

Advanced Clinical Clerkship

Location: WVA

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
Beatrice Blake
(310) 478-3711 x48315

PHONE #:

AVAILABLE TO EXTERNs: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003 - 2004 ROTATIONS BEGINWEKS:
2, 5, 8, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

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

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: 15%
PRIMARY CARE: 100%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 32

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

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>8:00-9:00 Lecture</td>
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<td>9:00-12:00 EMG</td>
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<td></td>
<td>Clinic/Wellness (Bldg, 208) / Consults</td>
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<td>8:00-9:00 Lecture</td>
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<td>9:00-12:00 Blocks (Anesthesia 5west)</td>
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<td>8:30-12:00 Chronic Pain Clinic (Women's Clinic Room 1000)</td>
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<td>8:00-9:00 Lecture</td>
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<td>9:00-12:00 Block (5west)</td>
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<td>8:00-9:00 Lecture</td>
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<tr>
<td></td>
<td>9:00-12:00 Pain Block Clinic</td>
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<tr>
<td>PM</td>
<td>1:00-4:30 PM&amp;R Clinic Room 1415</td>
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<td></td>
<td>1:00-4:30 Musculoskeletal Lecture Series</td>
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<td>1:00-4:30 Consults and PM&amp;R Rounds</td>
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<tr>
<td></td>
<td>1:00-4:30 Chronic Pain Clinic (Women's Clinic Room 1000)</td>
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<tr>
<td></td>
<td>1:00-4:30 Chronic Pain Clinic (Women's Clinic Room 1000)</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

181
ME325.01  COMPREHENSIVE MANAGEMENT IN ENDOCRINOLOGY & METABOLISM

Subinternship Location: KDMC

2003–2004
3/18/2003

COURSE CHAIR:
Theodore Friedman, M.D. Ph.D. (323) 563-9353

PHONE #:

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

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

STUDENT COORDINATOR:
Cora Kikunaga (323) 563-9353

PHONE #:

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

STUDENT EXPERIENCES

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

INPATIENT: 50%
OUTPATIENT: 50%
CONSULTATION: 75%
PRIMARY CARE: 25%

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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<th>Wednesday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:30 Endocrine Research Conference</td>
<td>8:30 Diabetes Clinic</td>
<td>8:00 Endocrinology Clinic Conference</td>
<td>9:00 Consultation Rds with attending and fellow</td>
<td>9:00 Reproductive Clinic attend 2nd and 4th Fridays</td>
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<tr>
<td></td>
<td>9:30 High Risk OB Clinic</td>
<td>11:00 Medical Grand Rounds</td>
<td>9:30 Consultation Rds with attending and fellow</td>
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<td>The first and 3rd Friday of the month is FNA Clinic</td>
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<tr>
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<td>10:00 Attending Rounds</td>
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<tr>
<td>PM</td>
<td>12:30 Consultations Evaluations</td>
<td>12:30 Consultations Evaluations</td>
<td>1:30 Pediatric Endocrinology Clinic</td>
<td>1:00 Adult Endocrinology Clinics (mandatory)</td>
<td>12:30 Endocrine Journal Club</td>
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<tr>
<td></td>
<td>2:00 Consultation Rds w/attending and fellow</td>
<td>2:00 Consultation Rds w/attending and fellow</td>
<td>Case Presentatin Conf. (after clinic)</td>
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<td>3:30 Daily Reading</td>
<td>3:30 Daily Reading</td>
<td>4:30 Daily Reading</td>
<td>5:00 Daily Reading</td>
<td>4:30 Daily Reading</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

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

King Drew Medical Center
ME330.02 HEPATOLOGY AND LIVER TRANSPLANTATION

Subinternship Location: CS

2003-2004
3/20/2003

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

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

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

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

PREREQUISITES: Medicine, Surgery

AVAILABLE TO EXTERNS: Yes
STUDENTS / PERIOD: max 1 min 1
DURATION: 2-3 weeks

2003-2004 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. Increase knowlege 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 CLINICAL 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>
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<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>9:00 - 12:00 Hepatology Clinic</td>
<td>10:30 Hepatopathology</td>
<td>9:00 - 12:00 Liver Transplant Clinic</td>
<td>10:00-1:00 Pre-Liver Transplant Clinic</td>
<td>8:30 Medicine Grand Rounds</td>
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<tr>
<td></td>
<td>Hepatology Ethics Clinic</td>
<td>11:00 Hepatology Rounds</td>
<td>12:00 - 1:00 Liver Seminar</td>
<td>12:00 - 1:00 Journal Club</td>
<td>11:00 Rounds with Liver Transplant Team</td>
</tr>
<tr>
<td>PM</td>
<td>2:00 Rounds with Liver Transplant Team</td>
<td>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>
</tr>
</tbody>
</table>

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: While on the hepatology rotation, the student will be under the supervision of the Hepatology fellow. The student will present his cases to the full-time staff, fellows, and residents. The student will be expected to follow the patients and participate in the diagnostic and therapeutic plans regarding their patients. Ward consults and teaching go on throughout the day. Additional rounds are done "pm".
ME350.02 PRIMARY CARE MEDICINE

Subinternship Location: ASSOC (BAKERSFIELD)

COURSE CHAIR: Pritam Badesha, M.D.
PHONE #: (661) 632-1801

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis and natural history of common internal medicine illnesses.
2. Understanding of thought processes involved in differential diagnosis and decision making.
3. Understanding of how a general internist functions in the real world.
4. Development of understanding of how social needs of patients interact with a developed care plan.
5. Appreciation of interactions of the entire medical team in managing patients.
6. Preventative medicine

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

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

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

2003-2004 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 manifestations

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

CLOSE CONTACT WITH:
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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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%.
ME 351.01 AMBULATORY INTERNAL MEDICINE

Subinternship Location: SVA

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

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

STUDENT COORDINATOR: Dr. Giulia Michelini (818) 895-9394
E-MAIL: giulia.michelini@med.va.gov
FAX: (818) 895-9571

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

PREREQUISITES: Medicine, Surgery

AVAILABLE TO EXTERNS: yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 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/her own consultation and examining room and determine his/her own scheduling and patient load. The student will have the opportunity to work closely with a variety of subspecialty and General Internal Medicine Faculty, and will be able to individually structure his or her clinic schedule from the full range of medical specialty clinics in addition to ambulatory care walk-in/urgent care clinics (see typical weekly schedule).

STUDENT 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.

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

STUDENT EXPERIENCES

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

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

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

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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<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:00 Morning Report</td>
<td>8:00 Morning Report</td>
<td>8:00 Morning Report</td>
<td>Behavioral Medicine</td>
<td>8:00 Morning Report</td>
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<td></td>
<td>General Medicine Clinic</td>
<td>Rheum Clinic</td>
<td>Sigmoid Clinic</td>
<td>Cardiology Clinic</td>
<td>General Medicine Clinic</td>
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<tr>
<td>PM</td>
<td>12:00 Noon Lecture</td>
<td>12:00 Noon Lecture</td>
<td>12:00 Conference</td>
<td>12:00 Noon Lecture</td>
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<td></td>
<td>General Medicine Clinic</td>
<td>Dermatology Clinic</td>
<td>General Medicine Clinic</td>
<td>Urgent Care</td>
<td>General Medicine Clinic</td>
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<td>Women’s Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR:  PHONE #:
Bruce Ferrell, M.D.  (310) 825-8253

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.

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

SUPPORTING FACULTY:

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

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

INPATIENT:  50%
OUTPATIENT:  50%
CONSULTATION:  10%
PRIMARY CARE:  90%
CLOSE CONTACT WITH:
X FULL TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
OTHER

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 12

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

TYPICAL WEEKLY SCHEDULE

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</table>
| AM   | Days 1-10  
Inpatient Round/Lectures. 
Interdisciplinary Conferences 
Nursing Home Rds | Days 1-10  
Inpatient Round/Lectures. 
Interdisciplinary Conferences 
Nursing Home Rds | Days 1-10  
Inpatient Round/Lectures. 
Interdisciplinary Conferences 
Outpatients | Days 1-10  
Inpatient Round/Lectures. 
Interdisciplinary Conferences 
Nursing Home Rds | Days 1-10  
Inpatient Round/Lectures. 
Interdisciplinary Conferences 
Outpatient |
| PM   | Days 1 10  
New Hospital admissions, outpatient Visits 
Days 11-21 
Outpatients | Days 1-10  
New Hospital admissions, Home visits, outpatient Visits 
Days 11-21 
Outpatients | Days 1-10  
New Hospital admissions, Home visits, outpatient Visits 
Days 11-21 
Outpatients | Days 1-10  
Conferences 
Days 11-21 
Conferences | Days 1-10  
New Hospital admission or Geriatrics 
Days 11-21 
Outpatient |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Orientation will occur with inpatient attending at 9:30 a.m. in the Geriatric Medicine office 3rd 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

COMMON PROBLEMS/DISEASES

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

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

CLOSE CONTACT WITH:

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 8-10

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

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>9:00 Wound Rounds</td>
<td>9:00 Geropsychiatry Rounds</td>
<td>10:00 Attending Rounds</td>
<td>8:30 Medical Grand Rounds</td>
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<td>10:00 Attending Rounds</td>
<td>10:00 Attending Rounds</td>
<td>11:00 Geropsychiatry Rounds</td>
<td>11:00 Geropsychiatry Rounds</td>
<td>12:00 Medical Conference</td>
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<td>PM</td>
<td>Patient Care</td>
<td>2:00 Interdisciplinary Team Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: There are no on-call responsibilities.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: This facility provides learning opportunities in the Nursing Home to develop knowledge and skills in all areas of geriatric assessment and management, including health status assessment, therapeutic and rehab programs for elderly patients. Chronic illness is viewed from the perspective of "treatable disease" to improve overall functioning for elderly patients. Issues of end of life care are explored.
**ME410.01 CARDIOLOGY**

**Subinternship/Inpatient**

**Location:** CHS

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

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

**STUDENT COORDINATOR:**
Debby Whang  
PHONE #: (310) 794-9736  
E-MAIL: dgwhang@mednet.ucla.edu

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

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

**AVAILABLE TO EXTERNORS:**
Yes

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

**DURATION:**
3 weeks

**2003-2004 ROTATIONS BEGIN WEEKS:**
11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

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

### COURSE OBJECTIVES (in order of importance)

1. Knowledge of pathogenesis and natural history; the orderly investigation, differential diagnosis, and management of coronary artery disease, valvular heart disease, and cardiomyopathies.

2. Knowledge of the pharmacology of lidocaine, digitalis, pronestyl, quinidine, lasix, beta blockers, calcium channel blockers, nitroprusside, dobutamine, and dopamine.

3. Clinical skills: medical interviewing and physical examination.

4. Medical judgment, analysis of medical data, and synthesis of information.

5. Interpretation of EKGs and skill in interpreting data from Swan-Ganz catheters.

6. Development of an understanding of the principles, costs, and benefits and proper use of routine cardiac tests, such as echocardiograms, treadmill tests, and radionuclide scans.

### STUDENT EXPERIENCES

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

#### INPATIENT:

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<tbody>
<tr>
<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>
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<td>9:30 - 11:30 CCU Rounds</td>
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#### PM

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<tbody>
<tr>
<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 Case</td>
<td>12:00 Cardiology Ground Rounds</td>
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<td>1:00 CCU Patient Care</td>
<td>1:00 CCU Patient Care</td>
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<tr>
<td>5:00 Adult Cath. Conference</td>
<td>1:00 - 4:00 Adult Congenital Heart Disease Clinic (optional)</td>
<td>1:00 Adult Cath. Conference</td>
<td>1:00 CCU Patient Care</td>
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**APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:**
16

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

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<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>
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**ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**
Students will have night call every 3rd night with CCU Resident. Rounds from 9:30 - 11:30 a.m., seven days a week.

**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:**

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2003-2004  
1/02/2003
2003-2004 ROTATIONS BEGIN WEEKS: 2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

STUDENT EXPERIENCES

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

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

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 outpatient state, pulmonary insufficiency, tamponade, and arrhythmias.
6. Diagnosis and treatment of various arrhythmias.
8. Oral presentations.

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 20

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

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>8:00 Work Rounds on post open-heart surgery patients. 10:00 Work rds w/ Attending Cardiologists, Fellow and Hse Staff</td>
<td>8:00 Arhythmia Conf. 9:00 Cardiology Grand Rounds 10:00 Work Rnds 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</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</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.
ME420.01 CRITICAL CARE

Subinternship: Inpatient Location: OVH

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

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

STUDENT COORDINATOR: Tony Ahankoob (818) 364-3205
E-MAIL: tahankoob@dhs.ca.us

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

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45

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

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

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. GI Bleed
2. Chest pain
3. Congestive heart failure
4. Respiratory failure
5. Diabetic ketoacidosis
6.
7.
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: 15-20

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:00 - 9:00 Work Rounds</td>
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<td></td>
<td>10:00 - 12:00 Attending Rounds &amp; X-ray Rounds</td>
<td>10:00 - 12:00 Attending Rounds</td>
<td>10:00 - 12:00 Attending Rounds</td>
<td>10:00 - 12:00 Attending Rounds</td>
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<td>12:00 - 1:00 Medicine Noon Conference</td>
<td>12:00 - 1:00 Medicine Noon Conference</td>
<td>12:00 - 1:00 Medicine Noon Conference</td>
<td>12:00 - 1:00 Medicine Noon Conference</td>
<td>12:00 - 1:00 Unit Core Lecture Series</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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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On-call is every 3rd night with MICU team. Students will have at least every sixth day off.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE CHAIR:  PHONE #:  
Dorothy Parker, M.D. (310) 423-4502

SUPPORTING FACULTY:  
Drs. Michael Lil and Stephen Lim

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

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

PREREQUISITES:  Medicine and Surgery

AVAILABLE TO EXTERN:  Yes

STUDENTS / PERIOD:  max 1 min 1

DURATION:  3 weeks

2003-2004 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>
<td>8:00 - 8:30 Work Rounds</td>
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<td>12:00 - 1:00 Noon Conference</td>
<td>Grand Rounds</td>
<td>8:00 - 10:30 Work Rounds</td>
<td>8:00 - 10:30 Work 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>
<td>Work Rounds</td>
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</table>

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

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME450.01  INTERNAL MEDICINE

Subinternship/Inpatient  Location:  CS

COURSE CHAIR:  PHONE #:
Mark Noah, M.D.  (310) 423-4658

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

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

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

PREREQUISITES:  Medicine and Surgery

AVAILABLE TO EXTERNS:  Yes

STUDENTS / PERIOD:  max 3  min 1

DURATION:  3 weeks

2003-2004  ROTATIONS BEGIN WEEKS:  
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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

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

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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<td>10:00 Attending Rounds</td>
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<td>PM</td>
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<td>1:00 - 6:00 Patient Care Activities</td>
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<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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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 CHAIR: Darryl Y. Sue, M.D.  PHONE #: (310) 222-2409

SUPPORTING FACULTY:
Department of Medicine Staff  Harbor-UCLA Medical Center

STUDENT COORDINATOR: Kathleen McGinley  PHONE #: (310) 222-2409
E-MAIL: kmcginley@dhs.co.la.ca.us

REPORT TO: Dept of Medicine Office, 5th Floor Lobby, Harbor-UCLA Medical Center, Torrance, CA 90509-2910, 8 am.

PREREQUISITES: Medicine and Surgery

AVAILABLE TO EXTERNS: No

STUDENTS / PERIOD: max 4 min 1

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
2,5,8,11,14,17,20,27,30,33,36,39,42,45,48

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

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<tr>
<td>AM</td>
<td>7:30 - 9:30 Rounds</td>
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<td>10:30 - 12:00 Attending Rounds</td>
<td>8:30 - 9:30 Medical Grand Rounds</td>
<td>10:30 - 12:00 Attending Rounds</td>
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<td>10:30 - 12:00 Attending Rounds</td>
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<tr>
<td>PM</td>
<td>12:00 - 1:00 House Staff Lecture Series</td>
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<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.  
PHONE #: (562) 491-9350

SUPPORTING FACULTY:  
C. Choi, M.D, J. Yan, M.D., and Staff

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

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

 AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 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 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

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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<td>PM</td>
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<td>EKG Conference</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On-call with housestaff every 4th 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

2003-2004
1/13/2003

COURSE CHAIR:
Samuel Burnstein, MD.
PHONE #:
(310) 478-3711

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-neoplastic, and anti-inflammatory drugs.


PREQUISITES:
Medicine and Surgery

AVAILABLE TO EXTERNS:
Yes

STUDENTS / PERIOD:
max 5 min 1

DURATION:
3 weeks

2003-2004 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.

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%
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 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

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<tr>
<td>AM</td>
<td>7:30 Ward Rounds</td>
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<td>7:30 Ward Rounds</td>
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<td>7:30 Ward Rounds</td>
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<td>8:30 Case Conference</td>
<td>8:30 Case Conference</td>
<td>9:00 Morning Report</td>
<td>8:30 Case Conference</td>
<td>8:30 Case Conference</td>
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<td>9:00 Morning Report</td>
<td>9:00 Morning Report</td>
<td>10:00 Attending Rounds</td>
<td>9:00 Morning Report</td>
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<tr>
<td>PM</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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<td>1:00 Patient Management</td>
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<td>Subspeciality Lectures</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:
Students will take call with their team every fourth night.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
This elective provides excellent preparation for a medical or surgical internship and lays the groundwork for other medical specialties. The rotation emphasizes student autonomy and responsibility under the watchful eyes of a resident and staff physician. The student will be the primary physician for the patients they work-up and follow. The student will be expected to attend the noon-day conferences and present cases on attending rounds.
ME450.05  INTERNAL MEDICINE

Subinternship/Inpatient  Location: KAI SER.SUN

COURSE CHAIR:  PRAGNE SH PATEL, M.D.  (323) 783-4516

COURSE OBJECTIVES (in order of importance)
1. Broaden medical knowledge base.
2. Refine history, physical exam, and case presentation skills.
3. Manage and obtain experience in the diagnosis of common and complex inpatient medical problems.
4. Participate in a prepaid health care system.
5. Learn about cost effectiveness and preventative medicine.
6. Learn about the importance of the doctor-patient relationship in patient management.

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

STUDENT COORDINATOR:  CLERKSHIP COORDINATOR  (323) 783-4516

REPORT TO:  CENTER FOR MEDICAL EDUCATION, 4733 SUNSET BLVD, 3RD FLOOR.
3RD FL. WEST MEZZANINE, 8:30 A.M. THEN TO THE RESIDENCY SECRETARY AT 4950 SUNSET, 6TH FLOOR

PREREQUISITES:  MEDICINE & SURGERY

AVAILABLE TO EXTERNS:  YES

STUDENTS / PERIOD:  MAX 2 MIN 1

DURATION:  3, 6, 8 WEEKS

2003-2004 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48


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:
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: 60

TYPICAL WEEKLY SCHEDULE

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<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>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  SHORT CALL AND WEEKENDS

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  THE ROTATION PROVIDES AN OPPORTUNITY TO PRACTICE MEDICINE IN A LARGE, SUCCESSFUL HEALTH MAINTENANCE ORGANIZATION WHICH CARES FOR OVER 2.1 MILLION PATIENTS.
### COURSE CHAIR:
Soma Wali, M.D.  (818) 364-3205

### PHONE #:
(818) 364-3205

### E-MAIL:
tahankoob@dhs.ca.la.ca.us

### STUDENT COORDINATOR:
Tony Ahankoob  

### PHONE #:
(818) 364-3205

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

### 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.

### 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%

### AVAILABLE TO EXTERNS:
Yes

### DURATION:
3 weeks

### 2003-2004 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

### DESCRIPTION:

#### STUDENT EXPERIENCES

#### TYPICAL WEEKLY SCHEDULE

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<td>12:00 - 1:00 Chief Rounds</td>
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<td>3:00 - 4:00 DMD Lecture</td>
<td>3:00 - 4:00 Continuity Clinic</td>
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<td>4:00 - 5:30 Ward Work</td>
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<td>4:00 - 5:30 DMD Lecture</td>
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### APPOXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:
15-20

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

### 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.
ME452.01 INPATIENT MEDICINE

Subinternship/Inpatient  Location: CHS

COURSE CHAIR:  PHONE #:
Neil H. Parker, M.D.  (310) 825-6774

SUPPORTING FACULTY:
Alan Fogelman, M.D., Chief of Service, CHS, and Staff

STUDENT COORDINATOR:  PHONE #:
Mark DeVany  (310) 825-5846
E-MAIL: mdevany@mednet.ucla.edu

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 EXTERNS:  Yes

STUDENTS / PERIOD:  max 4  min 1

DURATION:  3 weeks

2003-2004 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

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<td>AM</td>
<td>7:30 - 8:30 Prerounds 8:30 - 9:30 Morning Report 9:30 - 10:30 Resident Work Rds 10:00 - 12:00 Attending Rounds</td>
<td>7:30 - 8:30 Prerounds 8:30 - 9:30 Morning Report 9:30 - 10:30 Resident Work Rds 10:00 - 12:00 Attending Rounds</td>
<td>7:30 - 8:30 Prerounds 8:30 - 9:30 Grand Rounds 11:15-12:00 Discharge Planning Rounds</td>
<td>7:30 - 8:30 Prerounds 8:30 - 9:30 Morning Report 9:30 - 10:30 Resident Work Rounds 10:00 - 12:00 Attending Rounds</td>
<td>7:30 - 8:30 Prerounds 8:30 - 9:30 Morning Report 9:30 - 10:30 Resident Work Rounds 10:00 - 12:00 Attending 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 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.
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, $O_2$ titration, weaning, etc.

7. Improved history, physical exam, and medical record keeping.

8. Interaction with a multidisciplinary critical care team.

9. Knowledge of the indications for and benefits of ICU care, including medical decision-making based on ethical, legal, and cost-containment factors.

DESCRIPTION: This elective provides an excellent opportunity to learn about and manage critically ill adults, many of whom have multiorgan system dysfunction. In addition, the psychosocial aspects of patient/family/ICU staff interrelationships are emphasized, as are the ethical, moral, and legal dimensions of critical care. The student is responsible for initial primary work-ups & continued management of ICU patients under the resident's supervision. A core curriculum of critical care topics is covered each month in seminars presented by the ICU Fellow and Attending.

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 - 8:30 Didactic Conference 8:45 - 11:00 Attending Rounds</td>
<td>7:30 - 8:00 Didactic Conference 8:00 - 10:00 Attending Rounds</td>
<td>8:00 - 11:00 Attending Rounds</td>
<td>7:30 - 8:00 Didactic Conference 8:00 - 10:00 Attending Rounds</td>
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<td>PM</td>
<td>12:00 - 1:00 Critical Care Conference 1:00 Patient Care</td>
<td>12:00 - 1:00 Pulmonary Clinical Conference 1:00 Patient Care</td>
<td>12:00 Psycho Social Conference 1:00 Patient Care</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 8:00 - 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

**2003-2004 ROTATIONS BEGIN WEEKS:**

(June through August by Arrangement)

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

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**COURSE CHAIR:** Lawrence Maldonado, M.D.  (310) 423-4684

**SUPPORTING FACULTY:**

Drs. Mark Ault, Philip Ng, and Dani Hackner

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

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

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

**PREREQUISITES:** Medicine

**AVAILABLE TO EXTERNS:** Yes

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

**DURATION:** 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:

(Ho June through August by Arrangement)

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

**DESCRIPTION:** The Cedars-Sinai MICU is a 10 bed critical care facility that is fully equipped for hemodynamic monitoring, dialysis, and respiratory support. Students are expected to be knowledgeable in medicine, obstetrics, surgery, and physiology and to have a major interest in the medical management of the critically ill.

**STUDENT EXPERIENCES**

**COMMON PROBLEMS/DISEASES**

1. Acute myocardial infarction & failure
2. Septic shock
3. GI hemorrhage
4. Complicated respiratory failure
5. CNS catastrophes
6. Drug intoxications
7. Acute renal failure
8. Acid-based and electrolyte imbalance

**STUDENT EXPERIENCES**

**INPATIENT:** 100%

**OUTPATIENT:** 0%

**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

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**TYPICAL WEEKLY SCHEDULE**

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<td>11:00 MICU Case Presentations</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.

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200
COURSE OBJECTIVES (in order of importance)
1. Diagnosis and management of chronic obstructive pulmonary disease (COPD), status asthmaticus, acute respiratory distress syndrome (ARDS), pneumonia, pulmonary emboli, septic shock, pulmonary complications of AIDS, chronic interstitial lung disease, and carcinoma of the lung. Medical judgment in the analysis and synthesis of pulmonary medicine and medical information.
2. Demonstration and utility of relevant clinical diagnostic skills in pulmonary critical care.
3. Application of respiratory-physiology to the diagnosis and management of respiratory failure. Extensive respiratory care unit experience. Special emphasis on heart-lung interaction.
4. Knowledge of the pharmacology of respiratory drugs, including adrenergic bronchodilators, cardiovascular drugs and oxygen.
5. Introduction of chest x-ray, CT scans, lung scans, pulmonary function tests, arterial blood gases, and hemodynamic measurements.
6. Medical ethics, especially regarding intensive care.
7. Rational decision making.
8. Use of ventilators, Swan-Ganz catheters, arterial catheters.

DESCRIPTION: This rotation provides an excellent environment to learn principles of management and appropriate work-up of critically ill patients with pulmonary disorders, many of whom have multisystem dysfunction. A core curriculum covering pulmonary/critical care topics as well as ventilator practicals are provided. Subinterns are under the supervision of pulmonary fellow and senior resident. The objective of the 3-week elective is to familiarize students with the investigation and treatment of acute and chronic respiratory diseases requiring intensive care. The 9-bed RICU is managed by 2 housestaff teams (1 resident & 1 intern per team) on an every 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

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>
<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>11:00 - 12:00 RICU Core Curriculum</td>
<td>10:00 - 12:00 RICU Teaching Rounds</td>
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<td>12:00 - 1:00 Critical Care Conference</td>
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<td>4:30 - 5:00 Sign out Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: On call every 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

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

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

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, Surgery

AVAILABLE TO EXTERNALS: Yes

STUDENTS / PERIOD: max 4 min 1

DURATION: 3 weeks

2003-2004 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%
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: 15-20

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 250-300

TYPICAL WEEKLY SCHEDULE

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<td>10:00 - 12:00 Bedside Rounds</td>
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<td>PM</td>
<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>
<td>4:00 - 5:00 Sign-out Rounds in CCU</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:
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

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

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

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

STUDENT COORDINATOR: Diane Gertschen  
PHONE #: (310) 268-3839
E-MAIL: diane.gertschen@med.va.gov

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

AVAILABLE TO EXTERNS: Yes

PREREQUISITES: Medicine and Surgery

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 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 provide an opportunity for the student to learn how to perform a proper history and physical examination on patients with cardiac disease.
2. To teach the student how to interpret an electrocardiogram.
3. To provide the student with the fundamentals of diagnosing and managing cardiac arrhythmias.
4. To teach the student how to diagnose and manage urgent cardiac situations such as acute myocardial infarction, pulmonary edema, cardiogenic shock, pericardial tamponade, cardiac conduction defects, and other life-threatening cardiac conditions.
5. To teach the student the basics of drug treatment for acute cardiac conditions, including pharmacokinetics, indications and contraindications, toxicity and side-effects of certain medications used in the therapy of heart disease.
6. To teach an appreciation for tests used in diagnosis and treatment in the CCU, such as cardiac enzymes, arterial blood gases, chest x-rays, echocardiograms, cardiac catheterization and temporary pacemakers.
7. To teach the student the basics of cardiopulmonary resuscitation (CPR).

DESCRIPTION: This course is designed to improve patient management skills of patients admitted for acute cardiac problems. Improvement in cardiac clinical skills of history and physical exam should be achieved. Increased proficiency in EKG interpretation will be obtained.

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Coronary artery disease
2. Acute coronary syndromes/acute MI
3. Pulmonary edema/congestive heart failure
4. Cardiac arrhythmias
5. Valvular heart disease
6. Acute pericarditis/pericardial tamponade
7. Infective endocarditis

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 15

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

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>8:00 Work Rounds 9:00 CCU Rounds</td>
<td>8:00 Work Rounds 9:00 CCU Rounds</td>
<td>7:00 Work Rounds 8:00 Fellow Core Curriculum 9:00 CCU Rounds</td>
<td>8:00 Work Rounds 9:00 CCU Rounds</td>
<td>8:00 Work Rounds 9:00 CCU Rounds</td>
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<tr>
<td>PM</td>
<td>Noon conference (Medical Service) Patient Management 2:00 Nuclear Cardiology Reading</td>
<td>Patient Management</td>
<td>12:00 Medical Grand Rounds Patient Management</td>
<td>12:00 Journal Club Patient Management 3:00 Nuclear Cardiology Reading (optional) 4:00 Med-Surgery Cath Conf. (optional)</td>
<td>Patient Management Cardiology New Patient Clinic (optional)</td>
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</table>

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 be comfortable with EKG interpretation by the end of the rotation.
ME456.01 GERIATRIC MEDICINE

Subinternship/Inpatient Location: WVA

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


STUDENT COORDINATOR: Donna Henriques (310) 268-3474

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

AVAILABLE TO EXTERNS: Yes

PREREQUISITES: Medicine, Surgery, Neurology, Psychiatry, Radiology

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2003-2004 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 be able to recall etiology of dementia, urinary incontinence; activities of daily living. Analysis of neuropsychological testing in memory impairment, indications for medications vs. potential for adverse drug events vs. application of disease management clinical guidelines. Synthesize and plan for approach to common geriatrics syndromes (memory loss, weight loss, loss of function, urinary incontinence, falls, etc.)

2. To be able to demonstrate competency in comprehensive geriatric assessment (history of multiple medical problems, social support and functional assessment, cognition, mood assessment, gait and balance evaluation, etc.). Demonstrate effective interaction in interdisciplinary team meetings and gain insight into how to extract knowledge from other disciplines and how to utilize their skills and focus team members on care plan goals and timeframe. Demonstrate effective communication of care plan, expectations.

3. Open to understanding distinctions between geriatric care and usual medical care of older adults, as well as show understanding, respect, a positive attitude and an understanding for the health and goals of geriatric patients.

DESCRIPTION: This is one of the electives of the Multicampus Division of Geriatric Medicine, which encompasses programs at the VAMC West Los Angeles (Wadsworth), VAMC Sepulveda, UCLA Medical Center and Jewish Homes for the Aging. All students, regardless of primary site, will participate in the following multicampus educational activities: Weekly Tuesday Clinical Conference, Research Seminar, and Journal Club.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Arterioslerotic 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>
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<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 M &amp; M Conference</td>
<td>12:00 Medical Service Grand Rounds</td>
<td>12:00 Medical Service Grand Rounds</td>
<td>12:00 Medical Service Lecture</td>
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<td>PM</td>
<td>2:00 Team Meeting</td>
<td>3:00 Multicampus Division Clinical Lecture</td>
<td>Patient Work-ups</td>
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<td>4:00 Multicampus Division Research Seminar/Journal Club</td>
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<td>Family Meetings</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: No night calls. See assigned patients on weekends.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Students will have the opportunity to learn about problems associated with aging through hands-on care under careful clinical supervision with supplemental learning, formal didactic conferences and seminars. Additionally, students will participate and experience the multidisciplinary approach to delivering health care.
The clinical program of Geriatrics and Gerontology has special relevance to inner city minorities and provides an opportunity for outreach programs. The KDMC program includes preventive programs in addition to care of the elderly at senior centers, a concerted effort with the Dept. of Aging, City of L.A. Special emphasis is placed on geriatric evaluation methods. These include thorough inpatient evaluation, outpatient assessment, and comprehensive geriatric training. The students have full inpatient and outpatient responsibilities.

### COURSE OBJECTIVES (in order of importance)
1. Knowledge of biological and psychosocial aspects of aging.
2. Knowledge of the pathogenesis, natural history, differential diagnosis, evaluation and management of common diseases or disorders of the elderly.
3. Knowledge of the impact of aging on drug pharmacology.
5. Medical decision-making: emphasis on altered presentation of disease, multiple illnesses, risk-benefit, costs, rehabilitative potential, and medico-legal/ethical issues.
6. Improving doctor-patient communication and interaction with reference to the elderly.
7. Interpretation of tests: normal values for elderly; physiological changes due to aging.
8. Understanding societal and personal attitudes toward aging.
10. Consultations for elderly patients seen in emergency room.
11. Geriatric consultations for inpatient services.
12. To participate in outreach programs designed to offer health screenings to seniors.

### COMMON PROBLEMS/DISEASES
- Cardiovascular
- Infections in elderly
- Mobility and muscle strength/falls
- Nutrition and diet
- Mental health
- Urinary tract problems
- Pulmonary function
- Visual, hearing, and dental disorders
- 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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<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>10:30-12:00 Geriatric Chair Rounds</td>
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<td>PM</td>
<td>1:00 - 5:00 Patient Work-ups/ Consultations</td>
<td>1:00-2:00 Subspecialty Lecture</td>
<td>12: - 1:00 Geriatric Grand Rounds 1st and 4th Wednesday 1:00 - 5:00 Patient Work Ups/ Consultations</td>
<td>1:00 - 5:00 Community Health Screening</td>
<td>1:00 - 5:00 Patient Work Ups/ Consultations 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 students an opportunity to provide primary care to acutely ill, hospitalized elderly patients. The purpose is to train students in the peculiarities of the presentation of ailments in older groups with special emphasis on therapeutic strategies.
ME470.01  MEDICAL RESPIRATORY ICU

Subinternship/Inpatient  Location: HARBOR  2003-2004  12/05/2002

COURSE CHAIR:  Darryl Y. Sue, M.D.  PHONE #:  (310) 222-2409

SUPPORTING FACULTY:  Drs. Gregory Mason, Kathy Sietsema, William Stringer, Richard Casaburi and Janine Vintch

STUDENT COORDINATOR:  Kathleen McGinley  (310) 222-2409  E-MAIL: kmcginley@dhs.co.la.ca.us

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

2003-2004 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-hour coverage of an eight bed medical intensive care unit. Teaching activities include daily rounds with ward teams, respiratory fellow, and attending physician. Patients are acutely ill, often with multiple system failure, although they primarily have respiratory diseases.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Acute respiratory failure
2. GI bleeding
3. Shock
4. Sepsis
5. Hepatic failure
6. Acute renal failure
7. Electrolyte imbalance
8. Coma

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: Respiratory Therapists

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 12

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>7:30 Attending Rounds</td>
<td>8:30 Medical Grand Rounds</td>
<td>7:30 Attending Rounds</td>
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<td>Attending Rounds</td>
<td>Clinical Conference Chest Conference</td>
<td>10:30 ICU Topic Session</td>
<td>Dietitian Rounds</td>
<td>10:30 ICU Topic Session</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 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

1/28/2003

COURSE CHAIR:  PHONE #:
Silverio Santiago, M.D.  (310) 268-3021

SUPPORTING FACULTY:
Drs. Raj Batra, Steven Dubinett, Ami Oren, & Guy Soo Hoo

STUDENT COORDINATOR:  PHONE #:
Caroline Bruce (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

2003 - 2004  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.

COURSE OBJECTIVES (in order of importance)
1. Knowledge of the pathogenesis, natural history, orderly investigation, differential diagnosis, and management of obstructive airways disease, respiratory failure, pneumonias, infiltrative lung disease, lung carcinoma, etc.
2. Interpretation of chest roentgenograms, pulmonary function tests, arterial blood gases, pleural fluid data, etc.
3. Understanding the indications for bronchoscopy, aspiration lung biopsy, thoracentesis, and pleural biopsy.
4. Knowledge of the pharmacology of bronchodilators and corticosteroids.
5. Understanding the use of mechanical ventilators.
6. Clinical skills: medical interviewing and physical examination.
7. Medical decision making: analysis of medical data and synthesis of information.

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:
X  FULL TIME FACULTY
X  CLINICAL FACULTY
X  FELLOWS
X  RESIDENTS
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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<tr>
<td>PM</td>
<td>Consult Rounds</td>
<td>Consult Rounds</td>
<td>Medical Grand Rounds</td>
<td>Chest Clinic</td>
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<td>Pulmonary Conference</td>
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<td>Sleep Disorders Clinic</td>
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<td>Pulmonary Conference</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME470.03  PULMONARY


COURSE CHAIR:  PHONE #:  
Jeanne Wallace, M.D.  (818) 364-3205

SUPPORTING FACULTY:
Drs. Janet Au, Marcel Jeanne Wallace Michael Littner, Dennis Yick

STUDENT COORDINATOR:  PHONE #:  
Tony Ahankoob  (818) 364-3205  E-MAIL: tahankoob@dhs.ca.ca.us

REPORT TO:
Tony Ahankoob, OVMC, Rm. 2B-182.

PREREQUISITES:  Medicine, Radiology, and Surgery

AVAILABLE TO EXTERNS:  Yes

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

E-MAIL: tahankoob@dhs.ca.ca.us

STUDENTS / PERIOD:  max 1  min 1

DURATION:  3 weeks

2003-2004  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 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  INPATIENT:  80%  CLOSE CONTACT WITH:
1. Lung cancer  OUTPATIENT:  20%  X  FULL TIME FACULTY
2. Asthma
3. COPD
4. Pneumonia
5. Tuberculosis
6. Interstitial disease
7. ARDS
8. Tuberculosis

CONSULTATION:  85%  X  CLINICAL FACULTY
PRIMARY CARE:  15%  X  RESIDENTS

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 10

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>Chest Clinic Olive View (2nd, 4th &amp; 5th 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 Medical Chest Conference</td>
<td>Procedures/Bronchoscopies</td>
<td>Bronchoscopies/Procedures</td>
<td>1:00-3:30 Chest Clinic Sepulveda VA</td>
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</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME470.04  PULMONARY DISEASE AT BARLOW RESPIRATORY HOSPITAL

COURSE OBJECTIVES (in order of importance)
1. Enhance basic knowledge of pulmonary medicine.
2. Improve clinical skills in evaluation of patients with respiratory problems by working up and presenting patients with severe lung disease.
3. Improve clinical skills by identifying and solving problems in the management of ventilator dependent patients.
4. Interpret pulmonary medicine procedure, services, and tests in the management of ventilator dependent patients.
5. Learn appropriate format for medical record keeping and for writing consultations.
6. Participate as a member of the health care team.
7. Participate in the management of patients enrolled in ongoing pulmonary research studies.
8. Understand research protocols and assist attending physician in data collection procedures, such as work of breathing and oxygen cost of breathing.

DESCRIPTION: Students will join an existing attending physician-pulmonary fellow team with whom they will round. They will function as interns, admitting and managing one to three patients a week. The attending physician will supervise the students, countersigning work-ups & orders. Students will attend three noon teaching conferences at which 1) new patients are presented and discussed; 2) chest x-rays and other diagnostic tests are reviewed; 3) problem cases, complications, and deaths are reviewed; 4) didactic teaching is performed using printed educational material; and 5) administrative matters are accomplished.

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

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Day</th>
<th>Monday</th>
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<tbody>
<tr>
<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>
<td>1:00 Team Conference</td>
<td>12:00 - 2:00 Clinical Conference</td>
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<tr>
<td></td>
<td>2:00 - 4:00 Pt. Care Activities</td>
<td>2:00 - 4:00 Pt. Care Activities</td>
<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:
Free parking, free meals (breakfast & lunch)

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: