ME260.04 Nephrology and Hypertension

Advanced Clinical Clerkship

Location: Harbor

2009-2010 Revised: 12/1/08

COURSE CHAIR: Sharon Adler, M.D.
PHONE #: (310) 222-3891
E-MAIL: sadler@labiomed.org

SUPPORTING FACULTY:
Drs. J. Kopple, L. Barba, R. Hirschberg, R. Mehrotra, K. Kalantar, L. Tong, R. Dukkipati

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

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

PREREQUISITES: Medicine

AVAILABLE FOR EXterns: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2009-2010 Rotations Begin Weeks:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

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

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%

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

APPROXIMATE # of PATIENTS EVALUATED EACH WEEK BY STUDENT: 5
TOTAL # of PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 38

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<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>7:15 – 8:15 Basic Science Seminar*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9:30 – 11:00 Core Curriculum Lecture</td>
<td>12:00 – 1:00 Consult Rounds</td>
<td>10:00 – 12:00 Consult Rounds</td>
<td>10:00 – 12:00 Consult Rounds</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12:00 - 1:00: Medicine Lecture Series</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>
</tr>
<tr>
<td></td>
<td></td>
<td>1:00 - 2:30: Neph Grand Rds</td>
<td>2:00 – 5:00 Consult Rounds</td>
<td>3:00 – 5:00 Consult Rounds</td>
<td>1:00 – 4:00 Consult Rounds</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3:00 – 5:00: Neph Rds</td>
<td>5:00 – 6:00 Transplant Rds (optional)</td>
<td>4:30 – 6:00 Journal Club, Renal Pathology* Research Conference</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5:00 – 6:00 Transplant Rds (opt.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2:00 – 4:00 Consult Rounds</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4:30 – 6:00 Journal Club, Renal Pathology* Research Conference</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3:00 – 5:00 Consult Rounds</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

CLOSE CONTACT WITH:

<table>
<thead>
<tr>
<th>Full-time Faculty</th>
<th>Clinical Faculty</th>
<th>Fellows</th>
<th>Interns</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>75%</td>
<td>25%</td>
<td>10%</td>
<td></td>
<td>90%</td>
</tr>
</tbody>
</table>

COMMON PROBLEMS/DISEASES

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 4

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>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>7:00 – 8:00 Renal Grand Rounds</td>
<td>7:15 - 8:15: Pathophysiology Sem. (UCLA Participation)</td>
</tr>
<tr>
<td></td>
<td>Inpatient Workups/ Didactic Sessions</td>
<td></td>
<td>9:00 – 12:00 Hypertension Clinic</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9:00 – 12:00 Inpatient Workups/ Didactic Sessions</td>
<td>12:00 – 1:00 Medical Grand Rounds Attending Rounds Inpatient Workups</td>
<td>1:30 – 3:30 Attending Rounds Inpatients Workups</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>1:30 – 3:30 Attending Rounds</td>
<td>12:00 – 1:00 Medical Grand Rounds Attending Rounds</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inpatient Workups</td>
<td>4:00 – 5:00 Case Conference</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: No on-call schedule for nights and weekends. 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 with 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. Diagnosis and management of complex in- and out-patient problems related to acute and chronic renal disease.
2. Experience with patients on chronic hemodialysis and peritoneal dialysis.
4. Interpretation of test involved in the management of kidney disease such as Renal Ultrasound, IVP, Kidney Biopsy, ABG, and Chemistry Panels.
5. Indication and complication of Hemodialysis, Peritoneal Dialysis, and Hemofiltration.
6. Deliver concise oral presentations and be able to formulate consultations in a concise written format.

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3 - 12
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 38
ME270.01  PULMONARY MEDICINE

Advanced Clinical Clerkship  Location: CS  2009-2010  Revised: 11/25/08

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

SUPPORTING FACULTY:  Dr. Michael Lewis

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

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

STUDENT EXPERIENCES

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

OTHER:

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:
5

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

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>10:00 – 12:00 Attending Rounds</td>
<td>8:00 – 9:00 Pulmonary Med/Surg Conference</td>
<td>8:00 – 9:00 Pulmonary Grand Rounds</td>
<td>8:00 – 9:00 Physiology Conference</td>
<td>8:30 – 9:30 Medical Grand Rounds</td>
</tr>
<tr>
<td></td>
<td>3rd Tuesday Tumor Board</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>
<td>10:00 – 12:00 Attending Rounds</td>
</tr>
<tr>
<td>PM</td>
<td>12:00 – 1:00 Clinical Case Presentation</td>
<td>2nd Wednesday 5:00 Critical Care Conference</td>
<td>5:00 Fellows Conference VA</td>
<td>12:00-1:00 Journal Club</td>
<td>1:30 – 2:30 Pulmonary Function Tutorial</td>
</tr>
<tr>
<td></td>
<td>1:00 – 4:00 Clinic</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

PREREQUISITES: Medicine and Surgery

AVAILABLE FOR EXTERNALS: Yes

STUDENTS / PERIOD: max 2  min 1

DURATION: 3 weeks

2009-2010 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

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

STUDENT 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.
ME270.04  PULMONARY AND CRITICAL CARE

Advanced Clinical Clerkship  Location: ASSOC.  2009-2010

COURSE CHAIR:  Robert S. Wright, M.D.  PHONE #:  (805) 898-8840
E-MAIL:  

SUPPORTING FACULTY:  Jeffrey Fried, M.D.  

STUDENT COORDINATOR:  Cynthia Stoddard  PHONE #:  (805) 569-7315
E-MAIL: cstoddard@sbch.org  

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

PREREQUISITES:  Medicine and Surgery  

AVAILABLE FOR EXTERNS:  Yes  

STUDENTS / PERIOD:  max 2  min 1  

DURATION:  2 weeks  (3 weeks on request)  

2009-2010 ROTATIONS BEGIN WEEKS:  2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49  

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

STUDENT EXPERIENCES  

COMMON PROBLEMS/DISEASES  INPATIENT:  60%  OUTPATIENT:  40%  CONSULTATION:  60%  PRIMARY CARE:  40%  


CLOSE CONTACT WITH:  

FULL-TIME FACULTY  CLINICAL FACULTY  FELLOWS  RESIDENTS  INTERNS  OTHER:  

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  10  

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

TYPICAL WEEKLY SCHEDULE  

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bronchoscopy</td>
<td>Bronchoscopy</td>
<td>Bronchoscopy</td>
<td>Bronchoscopy</td>
<td>Bronchoscopy</td>
</tr>
<tr>
<td></td>
<td>Inpatient Rounds</td>
<td>Inpatient Rounds</td>
<td>Inpatient Rounds</td>
<td>Inpatient Rounds</td>
<td>Inpatient Rounds</td>
</tr>
<tr>
<td></td>
<td>Medical Lecture</td>
<td>Medical Lecture</td>
<td>Medical Lecture</td>
<td>Medical Lecture</td>
<td>Medical Lecture</td>
</tr>
<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.
ME270.05 RESPIRATORY PHYSIOLOGY AND MEDICINE CONSULT

Advanced Clinical Clerkship

Location: HARBOR

2009-2010

Revised: 12/16/08

STUDENT EXPERIENCES

CLOSE CONTACT WITH:

- FULL-TIME FACULTY
- CLINICAL FACULTY
- FELLOWS
- RESIDENTS
- INTERNS
- OTHER: Allied health personnel

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3

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

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>12:15 – 1:00 Physiology Conference (PFT, etc.)</td>
<td>8:30 – 9:30 Medical Grand Rounds</td>
<td>12-1 Pulmonary Grand Rounds</td>
<td>X-Ray Rounds Bronchoscopy Inpatient Rounds Medical Lecture</td>
<td>X-Ray Rounds Bronchoscopy Inpatient Rounds</td>
</tr>
<tr>
<td></td>
<td>12:15 – 1:00 Chest X-Ray Conference (3rd Tues./Month)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 3:00 Consult Rounds</td>
<td>1:00 – 2:00 TB Conference</td>
<td>2:00 – 3:00 Consult Rounds</td>
<td>12:00 – 1:00 Medical Management Conference</td>
<td>1:00 – 2:30 Consult Rounds</td>
</tr>
<tr>
<td></td>
<td>4:00 – 5:00 Special Lecture Series</td>
<td>2:00 – 3:00 Consult Rounds</td>
<td>4:00 – 5:30 Interdisciplinary Chest Conference</td>
<td>1:00 – 2:00 Consult Rounds</td>
<td></td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

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.
ME270.06 ADVANCED CLINICAL CLERKSHIP IN PULMONARY DISEASES

Advanced Clinical Clerkship Location: CS 2009-2010 Revised: 11/25/08

COURSE CHAIR: Robert N. Wolfe, M.D. PHONE #: (310) 657-3792 E-MAIL: rmwolfe@ucla.edu

SUPPORTING FACULTY:

STUDENT COORDINATOR: Robert N. Wolfe, M.D. PHONE #: (310) 657-3792 E-MAIL: rmwolfe@ucla.edu

REPORT TO: Dr. Wolfe, 8635 W. 3rd Street, #965 W, Los Angeles, at 7:00 a.m.

PREREQUISITES: Medicine, Surgery, and Radiology

AVAILABLE FOR EXterns: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 2 weeks

2009-2010 ROTATIONS BEGIN WEEKS:

By Arrangement

DESCRIPTION: The student will work one-on-one with a busy pulmonary-critical specialist whose practice is divided between a large teaching hospital (Cedars-Sinai) and a private office setting. The student will be exposed to the entire spectrum of pulmonary diseases and critical care problems. There will be emphasis on performing histories and physicals as well as developing differential diagnoses and appropriate diagnostic and therapeutic plans. The student can participate in invasive procedures such as fiberoptic bronchoscopy, thoracentesis, endotracheal intubation, and thoracentesis. 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
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER:

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 25

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>7:00 – 11:00 Hospital Rounds &amp; Procedures (e.g., bronchoscopy, thoracentesis)</td>
<td>7:00 – 11:00 Hospital Rounds &amp; Procedures (e.g., bronchoscopy, thoracentesis)</td>
<td>7:00 – 11:00 Hospital Rounds &amp; Procedures (e.g., bronchoscopy, thoracentesis)</td>
<td>7:00 – 11:00 Hospital Rounds &amp; Procedures (e.g., bronchoscopy, thoracentesis)</td>
<td>7:00 – 11:00 Hospital Rounds &amp; Procedures (e.g., bronchoscopy, thoracentesis)</td>
</tr>
<tr>
<td></td>
<td>11:00 – 5:00 Office</td>
<td>11:00 – 5:00 Office</td>
<td>11:00 – 5:00 Office</td>
<td>11:00 – 5:00 Office</td>
<td>11:00 – 5:00 Office</td>
</tr>
<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>
<td>5:00 – 8:00 Hospital Rounds</td>
<td>5:00 – 8:00 Hospital Rounds</td>
</tr>
<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>
<td>11:00 – 5:00 Office</td>
<td>11:00 – 5:00 Office</td>
</tr>
<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>
<td>5:00 – 8:00 Hospital Rounds</td>
<td>5:00 – 8:00 Hospital Rounds</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
ME275.01 RHEUMATIC DISEASES

Advanced Clinical Clerkship Location: CS 2009-2010
Revised: 12/3/08

STUDENT EXPERIENCES
CLOSE CONTACT WITH:
X FULL-TIME FACULTY
X CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS

OTHER:
90%
10%
90%
10%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 23

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>9:00</td>
<td>8:30 – 9:30</td>
</tr>
<tr>
<td></td>
<td>Attending Rounds or LA Free Clinic</td>
<td>Attending Rounds or Inpatient Ronds</td>
<td>Alt. X-Ray Conf. or Rheum. Conf.</td>
<td>Attending Rounds or Inpatient Ronds</td>
<td>Medical Grand Rounds</td>
</tr>
<tr>
<td></td>
<td>1:00</td>
<td>9:00</td>
<td>9:00</td>
<td>1:00</td>
<td>11:00</td>
</tr>
<tr>
<td></td>
<td>Inpatient Rounds</td>
<td>CSMC Clinic</td>
<td>Medical Grand Rounds</td>
<td>Inpatient Rounds</td>
<td>UCLA Clinic/ Conference</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Inpatient Rounds</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Venice Family Clinic</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1:00</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>1:00</td>
<td>UCLA Harbor Clinic</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
</tr>
<tr>
<td></td>
<td>Inpatient Rounds</td>
<td></td>
<td>Inpatient Rounds</td>
<td>Inpatient Rounds</td>
<td>Inpatient Rounds</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ULa Research Rounds</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
STUDENT EXPERIENCES

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

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
9. Dermatomyositis
10. Scleroderma

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 120

TYPICAL WEEKLY SCHEDULE

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Presentations at Journal Club, and Preparing Submissions for publication (Clinical). (1) Defining project with Dr. Karpouzas 3 weeks prior. (2) Writing case report/ chart reviews during elective. (3) Reviewing American College of Reumatology Slide Collection.

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

STUDENT COORDINATOR: Chasity Harris (310) 222-3690
E-MAIL: charris@labiomed.org

PREREQUISITES: Medicine and Surgery; Radiology preferred
COURSE CHAIR: Bevra H. Hahn, M.D.  
PHONE #: (310) 825-7991  
E-MAIL:

SUPPORTING FACULTY:  
Rheumatology Faculty and Fellows

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

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

PREREQUISITES: Medicine

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2009-2010 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 Internal Medicine Subspecialty Practice. Education in the role of genetics and the immune system in autoimmunity is offered in four weekly conferences.

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

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5

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

TYPICAL WEEKLY SCHEDULE

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

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

Advanced Clinical Clerkship  Location: WVA  2009-2010
Revised: 12/1/08

COURSE CHAIR:  PHONE #:  E-MAIL:
Marvin B. Cohen, M.D.  (310) 268-3583  marvin.cohen@va.gov

SUPPORTING FACULTY:
R. Lake, M.D., L. Yarnada, Pharm D., M. Mandelkern, M.D., Ph.D.

STUDENT COORDINATOR:  PHONE #:  E-MAIL:
Marvin B. Cohen, M.D.  (310) 268-3583  marvin.cohen@va.gov

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

PREREQUISITES:  Medicine

AVAILABLE FOR EXTERNS:  Yes

STUDENTS / PERIOD:  max 2  min 1

DURATION:  3 weeks

2009-2010 ROTATIONS BEGIN WEEKS:
5, 10, 16, 22, 27, 30, 37, 42, 45

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

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

<table>
<thead>
<tr>
<th></th>
<th>INPATIENT:</th>
<th>20%</th>
<th></th>
<th>OUTPATIENT:</th>
<th>80%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Tumor detection</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Coronary Artery Disease</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Pulmonary Emboli</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Thyroid Disease</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Ventricular - Function</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Osteoporosis</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Abscess Detection</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Osteomyelitis</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CLOSE CONTACT WITH:

|                  |
|------------------|------------|-----|------------------|-------------|-----|
|                  | X FULL-TIME FACULTY |   |
|                  | X CLINICAL FACULTY |   |
|                  | X FELLOWS |   |
|                  | X RESIDENTS |   |
|                  | X OTHER:  Physicist, Radiopharmacist, Radiation Safety Officer, Chief Technologist |   |

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  50

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:  142

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>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 – 12:00  Nuclear Cardiology Clinic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10:00 – 12:00 Nuclear Medicine Clinic</td>
<td>10:00 – 12:00 Nuclear Medicine Clinic</td>
<td>10:00 – 12:00 Nuclear Medicine Clinic</td>
<td>10:00 – 11:00 Radio-pharmacy Lecture</td>
<td></td>
</tr>
<tr>
<td></td>
<td>11:00 – 12:00 Nuclear Medical Clinic</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 2:00: Radiation Safety Lecture 2:00 – 4:00 Nuclear Med. Clinic 4:00 – 5:00 Imaging Interpretation and Dictation of Studies</td>
<td>1:00 – 2:00 Clinical Lecture 2:00 – 4:00 Nuclear Medicine Clinic 4:00 – 5:00 Imaging Interpretation and Dictation of Studies</td>
<td>Computer Application Lecture 2:00 – 4:00 Nuclear Medicine Clinic 4:00 – 5:00 Imaging Interpretation</td>
<td>1:00 – 2:00 Clinical Lecture 2:00 – 4:00 Nuclear Medicine Clinic 4:00 – 5:00 Imaging Interpretation</td>
<td>1:00 – 2:00 Clinical Lecture 2:00 – 4:00 Nuclear Medicine Clinic 4:00 – 5:00 Imaging Interpretation and Dictation of Studies</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Clerkship includes multiple special lectures to give the student a comprehensive overview of Nuclear Medicine.  The third week is spent in the PET facility.
### Student Experiences

<table>
<thead>
<tr>
<th>Close Contact With</th>
<th>Inpatient: 25%</th>
<th>Outpatient: 75%</th>
<th>Consultation: 15%</th>
<th>Primary Care: 85%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-Time Faculty</td>
<td></td>
<td></td>
<td>Fellows</td>
<td>Interns</td>
</tr>
<tr>
<td>Clinical Faculty</td>
<td></td>
<td></td>
<td></td>
<td>Other:</td>
</tr>
</tbody>
</table>

### 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

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

<table>
<thead>
<tr>
<th>Approximate # of Patients Evaluated Each Week by Student</th>
<th>8</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Total # of Patients Evaluated Each Week by Entire Service</th>
<th>50</th>
</tr>
</thead>
</table>

### 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>7:30 – 8:00 Inpatient Rounds (4 N)</td>
<td>7:30 – 8:00 Inpatient Rounds</td>
<td>7:30 – 8:00 Inpatient Rounds</td>
<td>7:30 – 8:00 Inpatient Rounds</td>
<td>7:30 – 8:00 Inpatient Rounds</td>
</tr>
<tr>
<td></td>
<td>8:00 – 9:00 Intervventional Procedures (5 West)</td>
<td>8:00 – 9:00 Lecture</td>
<td>8:00 – 9:00: Lecture</td>
<td>8:00 – 9:00: Lecture</td>
<td>8:00 – 9:00 Lecture</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9:00 – 12:00 Inpatient Consults</td>
<td>9:00 – 12:00: Chronic Pain Clinic (PM&amp;R Clinic Room 1415)</td>
<td>9:00 – 12:00: Chronic Pain Clinic (PM&amp;R Clinic Room 1415)</td>
<td>9:00 – 12:00: Chronic Pain Clinic (PM&amp;R Clinic Room 1415)</td>
</tr>
<tr>
<td>PM</td>
<td>1:00 – 4:30 Intervventional Procedures (Anesthesia 5West)</td>
<td>1:00 – 4:30 Musculoskeletal Lecture Series</td>
<td>1:00 – 4:30 Chronic Pain Clinic (PM&amp;R Clinic Room 1415)</td>
<td>1:00 – 4:30 Chronic Pain Clinic (PM&amp;R Clinic Room 1415)</td>
<td>1:00 – 4:30 Pain Consults (4 N)</td>
</tr>
</tbody>
</table>

### On-Call Schedule & Weekend Activities

<table>
<thead>
<tr>
<th>On-Call Schedule &amp; Weekend Activities</th>
<th>None</th>
</tr>
</thead>
</table>

### Additional Comments and Other Special Requirements

---

**STUDENT EXPERIENCES**

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

**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

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

- 8

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

- 50

**TYPICAL WEEKLY SCHEDULE**

---

**DESCRIPTION:**

The comprehensive pain program has a multidisciplinary staff from specialties including: 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 can observe or perform interventional pain procedures such as nerve blocks, joint, muscle, and tendon injections under direct supervision. Students can also attend scheduled lectures geared toward pain and musculoskeletal management. Optional experience with electromyogram (EMG) is also provided.

---

**STUDENT COORDINATOR:**

Beatrice Blake  
(310) 478-3711 x48315  
E-MAIL: beatrice.blake@med.va.gov

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

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

---

**AVAILABLE FOR EXTERNALS:**

Yes

**STUDENTS / PERIOD:**

- max 2
- min 1

**DURATION:**

- 3 weeks

**2009-2010 ROTATIONS BEGIN WEEKS:**

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

**PREREQUISITES:**

- Medicine

**DESCRIPTION:**

The comprehensive pain program has a multidisciplinary staff from specialties including: 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 can observe or perform interventional pain procedures such as nerve blocks, joint, muscle, and tendon injections under direct supervision. Students can also attend scheduled lectures geared toward pain and musculoskeletal management. Optional experience with electromyogram (EMG) is also provided.

---

**STUDENT COORDINATOR:**

Beatrice Blake  
(310) 478-3711 x48315  
E-MAIL: beatrice.blake@med.va.gov

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

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

---

**STUDENT COORDINATOR:**

Beatrice Blake  
(310) 478-3711 x48315  
E-MAIL: beatrice.blake@med.va.gov

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

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

---

**STUDENT COORDINATOR:**

Beatrice Blake  
(310) 478-3711 x48315  
E-MAIL: beatrice.blake@med.va.gov

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

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

---

**STUDENT COORDINATOR:**

Beatrice Blake  
(310) 478-3711 x48315  
E-MAIL: beatrice.blake@med.va.gov

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

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

---

**STUDENT COORDINATOR:**

Beatrice Blake  
(310) 478-3711 x48315  
E-MAIL: beatrice.blake@med.va.gov

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

1. Acquire knowledge of major renal syndromes.
2. Acquire knowledge of therapeutic modalities available to treat renal disease, including dietary manipulation, dialytic treatment, and renal allotransplantation.
3. Acquire knowledge of methods of diagnosis and work-up of patients with renal disease through logical reasoning.
4. Acquire knowledge of detailed examination of urine and interpretation of findings.
5. Acquire knowledge of various fluid and electrolyte and acid-base derangements and their management.
6. Acquire expertise in writing clear and succinct consultation notes.
ME330.02  HEPATOLOGY AND LIVER TRANSPLANTATION

Subinternship Location: CS 2009-2010

Revised: 12/12/08

STUDENT EXPERIENCES

CLOSE CONTACT WITH:

X FULL-TIME FACULTY

X CLINICAL FACULTY

X FELLOWS

X RESIDENTS

X INTERNS

OTHER:

50%

50%

70%

30%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10 - 13

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 130

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 Hepatology Clinic</td>
<td>10:30 Hepatopathology Conference</td>
<td>8:30– 12:00 Hepatology Clinic</td>
<td>9:00 – 12:00 Liver Transplant Clinic</td>
<td>Liver Transplant and Hepatology rounds</td>
</tr>
<tr>
<td></td>
<td>Liver transplant and Hepatology rounds</td>
<td>Liver transplant and Hepatology rounds</td>
<td>Liver Transplant and Hepatology rounds</td>
<td>Liver Transplant and Hepatology rounds</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>Liver transplant and Hepatology rounds</td>
<td>1:00 – 5:00 Hepatology Clinic</td>
<td>1:00 Fellows Lecture Series</td>
<td>12:00 – 1:00 GI Journal Club</td>
<td>1:00-5:00 Hepatology Clinic</td>
</tr>
<tr>
<td></td>
<td>1:00-5:00 Hepatology Clinic</td>
<td></td>
<td>Liver Transplant and Hepatology rounds</td>
<td>4:00 - PSC Meeting (Patient Selection)</td>
<td></td>
</tr>
</tbody>
</table>

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

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

STUDENT COORDINATOR: Judy Jacobs, Becker Bldg., Becker 116, North Tower, 9:00 a.m.

SUPPORTING FACULTY: Tram Tran, M.D.

PREREQUISITES: Inpatient Medicine and Surgery

AVAILABLE FOR EXterns: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks (2 weeks by arrangement. Submit Drop/Add Form after June 5.)

2009-2010 ROTATIONS BEGIN WEEKS:

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

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.

COURSE OBJECTIVES (in order of importance)

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

CLOSE CONTACT WITH:
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. Develop consultative skills with other physicians.

STUDENT COORDINATOR: Michael Mapel
PHONE #: (310) 206-5756
E-MAIL: mmapel@mednet.ucla.edu

REPORT TO:
42-121 UCLA at 8:00AM

PREREQUISITES: Medicine

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2009-2010 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3

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

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 Inpt. BMT (2 wks)</td>
<td>8:00 BMT Conference</td>
<td>10:00 BMT Rounds</td>
<td>Hematology Journal Club BMT Conference</td>
<td>Medical Grand Rds. Hem-Onc Grand Rds. or Lymphoma Conference</td>
<td>Research Conference</td>
</tr>
<tr>
<td>AM Inpt. Cons. Sv., (2 wks)</td>
<td>Consults</td>
<td>Myeloma Clinic Consults</td>
<td>Leukemia Clinic Consults</td>
<td>Consults</td>
<td>Fellows Clinic Conference</td>
</tr>
<tr>
<td>PM Inpt. BMT (2 wks)</td>
<td>Inpatient Care</td>
<td>Inpatient Care</td>
<td>Inpatient Care</td>
<td>Inpatient Care</td>
<td>Hematology Clinic</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: There is no requirement that the student be available for night or weekend on-call responsibility.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: After an appropriate review of the literature, the patient and the disorder will be discussed with senior trainees and faculty. Students will also participate in major clinical conferences of the Division of
ME350.02  PRIMARY CARE MEDICINE

Subinternship  Location: ASSOC (BAKERSFIELD)  Revised: 12/12/08

COURSE CHAIR:  Pritam Badesha, M.D.  PHONE #: (661) 632-1801  COURSE OBJECTIVES (in order of importance)
E-MAIL: pritam.badesha2@med.va.gov
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:
Scott Ragland, D.O., Program Director

STUDENT COORDINATOR:  Pritam Badesha, M.D.  PHONE #: (661) 632-1801  REPORT TO: Dr. Badesha, VA Greater LA HS, Bakersfield Amb. Care Center, Rm. 803, 9:00 a.m. first day
E-MAIL: pritam.badesha2@med.va.gov

STUDENT EXPERIENCES
CLOSE CONTACT WITH:
X FULL-TIME FACULTY
X CLINICAL FACULTY
0%
100%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 8 Inpatient, 40 Outpatient
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 50 Inpatient, 125 Outpatient

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>OUT</td>
<td>Seminar w/ Attending Patient Care</td>
<td>Seminar w/ Attending Patient Care</td>
<td>Seminar w/ Attending Patient Care</td>
<td>Seminar w/ Attending Patient Care</td>
<td>Seminar w/ Attending Patient Care</td>
</tr>
<tr>
<td></td>
<td>Work Rounds</td>
<td>Work Rounds</td>
<td>Work Rounds</td>
<td>Work Rounds</td>
<td>Work Rounds</td>
</tr>
<tr>
<td></td>
<td>Teaching Rounds</td>
<td>Teaching Rounds</td>
<td>Teaching Rounds</td>
<td>Teaching Rounds</td>
<td>Teaching Rounds</td>
</tr>
<tr>
<td>IN</td>
<td>Patient Care</td>
<td>Patient Care</td>
<td>Patient Care</td>
<td>Patient Care</td>
<td>Patient Care</td>
</tr>
<tr>
<td></td>
<td>Conference Preceptor Rounds</td>
<td>Conference Discussion of Major Diseases</td>
<td>Conference Preceptor Rounds</td>
<td>Conference Preceptor Rounds</td>
<td>Conference Preceptor Rounds</td>
</tr>
<tr>
<td></td>
<td>Check Out</td>
<td>Check Out</td>
<td>Check Out</td>
<td>Check Out</td>
<td>Check Out</td>
</tr>
</tbody>
</table>

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 interns manage these problems is possible. *Weeks are flexible. Percentages are flexible, inpatient never to exceed 85%.

PREREQUISITES: Medicine and Surgery

AVAILABLE FOR EXTERNALS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2009-2010 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.

PREREQUISITES:

MEDICINE AND SURGERY
ME351.01 AMBULATORY INTERNAL MEDICINE

Subinternship Location: SVA 2009-2010
Revised: 1/6/09

STUDENT EXPERIENCES

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

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

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
<tr>
<td></td>
<td>General Medicine Clinic</td>
<td>Rheum Clinic</td>
<td>General Medicine Clinic</td>
<td>Cardiology Clinic</td>
<td>General Medicine Clinic</td>
</tr>
<tr>
<td>PM</td>
<td>12:00</td>
<td>12:00</td>
<td>12:00</td>
<td>12:00</td>
<td>12:00</td>
</tr>
<tr>
<td></td>
<td>Noon Lecture</td>
<td>Noon Lecture</td>
<td>Conference</td>
<td>Noon Lecture</td>
<td>Noon Lecture</td>
</tr>
<tr>
<td></td>
<td>General Medicine Clinic</td>
<td>Dermatology Clinic</td>
<td>General Medicine Clinic</td>
<td>General Medicine Clinic</td>
<td>General Medicine Clinic</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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

Subinternship Location: UCLA 2009-2010
Revised: 12/15/08

STUDENT EXPERIENCES
CLOSE CONTACT WITH:

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 25

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>PM</td>
<td>Days 1–10 New Hospital Admissions Days 11–21 Outpatients</td>
<td>Days 1–10 New Hospital Admissions Days 11–21 Outpatients</td>
<td>Days 1–10 New Hospital Admissions Days 11–21 NH Rounds</td>
<td>Days 1–10 Conferences Days 11–21 Conferences</td>
<td>Days 1–10 New Hospital Admission Days 11–1 Outpatient</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Orientation will occur with inpatient attending at 9:30 a.m. in the Geriatric Medicine office str flr 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.
ME356.04  GERIATRIC MEDICINE: HOME CARE

Subinternship Location: SVA 2009-2010
Revised: 12/15/08

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

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

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>9:00</td>
<td>9:00</td>
<td>8:00</td>
<td>8:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sepulveda HBPC office home visits</td>
<td>Sepulveda HBPC Interdisciplinary Team Meeting</td>
<td>Sepulveda HBPC office home visits</td>
<td>Sepulveda Medicine Grand Rounds</td>
<td>Sepulveda HBPC office home visits</td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td>Sepulveda HBPC office home visits</td>
<td>Sepulveda HBPC office home visits</td>
<td>Sepulveda HBPC office home visits</td>
<td>Sepulveda HBPC office home visits</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

DESCRIPTION: Home Based Primary Care at Sepulveda is a model home care service, incorporating interdisciplinary team assessment and management principles to provide and enhance health care for the elderly. Students will be assigned primary care responsibilities for a panel of home bound patients, and they will make home visits with the Geriatrics Fellow and the Attending. They will attend interdisciplinary team conference weekly. They will give 1 brief talk on a Geriatric topic at the end of the rotation.

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