AN250.02  ANESTHESIOLOGY

Advanced Clinical Clerkship  Location: WVA  2003-2004
1/26/2003

COURSE CHAIRS:   PHONE #:  
Sharon Daniels, M.D.  (310) 268-3221

SUPPORTING FACULTY:  
Dr. Con Gia Pham

STUDENT COORDINATOR:   PHONE #:  
Victor Rosal  (310) 268-3221
E-MAIL:  alankd@att.net

REPORT TO:  
Victor Rosal, W.LA. Rm. 5235 at 7:00 am.

AVAILABLE TO EXTERNS:  No

PREREQUISITES:  
STUDENTS / PERIOD:  max 1 min 1

DURATION:  2 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
2,3,5,7,9,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39,41,43,45

DESCRIPTION:  
Two week maximum elective.

COURSE OBJECTIVES (in order of importance)
1. Management of the airway - control of airway with mask, tracheal intubation.
2. Familiarize students with the principles and technique of general and regional anesthesia.
3. Preoperative evaluation of patients for anesthesia.
4. Anesthesia for general surgery and the surgical sub-specialty i.e., cardiac, neuro, ENT, ophthalmologic orthopedic, and urologic.
5. Establishing lines: IV lines.
6. Preoperative fluid management.
8. Post-op recovery room management with fluid, ventilation, reversal of anesthetic.
9. Evaluation of patients in weekly Pain Clinic.
10. Student may go to codes with supervising personnel if he or she wishes.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES  INPATIENT:  90%
1. Chronic Obstructive Pulmonary Disease  OUTPATIENT:  10%
2. Coronary Artery Disease  CONSULTATION:  10%
3. Difficult Airway  PRIMARY CARE:  90%
4. Gen’l surgery (hernia, cholelithiasis)  
5. ENT (tumor, deviated nasal septum)
6. Cataract, lens implant
7. Orthopedic (fractures, total hip)
8. Neurosurgery (tumor, aneurysm)

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  50

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>0700 Operating Room</td>
<td>0700 Operating Room</td>
<td>0800 Anesthesia Simulator</td>
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<td>1300 Anesthesia Simulator</td>
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<td>1500 Pre and Post-op Patient Evaluation</td>
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<td>Pre-Operative Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Excellent for 3rd or 4th year medical students to learn: Basic airway management, establishment of IV access, and gain insight about anesthesia
AN250.03 ANESTHESIOLOGY

Advanced Clinical Clerkship

LOCATION: HARBOR

COURSE CHAIR:
Elaine Yang, M.D.

PHONE #: (310) 222-3472

SUPPORTING FACULTY:
Dr. Y Wu and Faculty

STUDENT COORDINATOR:
Paula M. Conley

PHONE #: (310) 222-3472
E-MAIL: pconley@4ling.net

REPORT TO: Dr. E. Yang or Y. Wu, 2nd Floor Surgery Suite @ 8am. 1st day clerkship

PREREQUISITES: None

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
30, 47

COURSE OBJECTIVES (in order of importance)
1. Airway Management.
2. Knowledge of common anesthetic agents.
3. Knowledge of how a patient’s condition affects his or her response to anesthesia.
4. Knowledge of different anesthetic techniques.
5. Knowledge of regional anesthesia.
6. Pre-operative evaluation anesthesia record keeping.
7. Interpretation of blood gases, pulmonary function testing, SG monitoring.
8. Post-operative care and evaluation.
9. Knowledge of essential and important drugs used in resuscitation.

DESCRIPTION: This elective introduces the students to the skills associated with anesthesia which are essential and useful to physicians of any specialty. These include airway management, the care of the unconscious patients, cardiopulmonary resuscitation, and management of acute surgical emergencies.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Airway Management Problems
2. Trauma, Shock Patient
3. COPD, Asthma
4. Coronary Artery Disease
5. Diabetes
6. Renal Failure
7. Hypertension
8. Multisystem Dysfunction

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 40

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>6:45 - 7:15 Morning Rounds</td>
<td>6:45 - 7:15 Morning Rounds</td>
<td>7:00 - 9:00 Didactic Lecture M&amp;M Conference</td>
<td>6:45 - 7:15 Morning Rounds</td>
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<td>Clinical Anesthesia in O.R.</td>
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<td>4:00 - 6:00 Didactic (Journal Club / Tutorial)</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: None
AN250.05  FUNDAMENTAL OF ANESTHESIOLOGY

Advanced Clinical Clerkship  Location: KDMC  2003-2004  12/03/2002

COURSE CHAIR:  PHONE #:  Ahsanul K. Khan, M.D.  (310) 668-4683

COURSE OBJECTIVES (in order of importance)
1. Pre-operative evaluation.
2. Instruct students in principles and techniques of general and regional anesthesia.
3. Airway management (mask and intubation).
4. Perioperative fluid management.
6. Pharmacologic use of anesthetic agents.
7. Cardiopulmonary resuscitation.
8. Placement of intravenous lines.
9. Post-operative recovery room management.

SUPPORTING FACULTY:
All faculty

STUDENT COORDINATOR:  PHONE #:  Janice Hawk  (310) 668-4681
E-MAIL:  janice_hawk@dhs.co.la.ca.us

REPORT TO:
Ahsanul K. Khan, M.D., Anesthesia Office, 5A

PREREQUISITES: None

AVAILABLE TO EXTERNS: No

STUDENTS / PERIOD:  max 6 min 1

DURATION: 3 weeks

2003-2004 ROTATIONS BEGIN WEEKS:
By Arrangement

DESCRIPTION: The mission of the Anesthesiology Clerkship is to train medical students who, as primary care practitioners, will provide competent and compassionate service to patients. We will apply some of the science of Anesthesia and clinical teaching in Anesthesiology to help meet some of the health care needs of people.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Airway management
2. Hypertension
3. Drug addiction
4. Obesity
5. Diabetes
6. Obstetrical (Preeclampsia, cardiac disease)
7. Cardiac disease
8. Multiple trauma

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 18
TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 400

TYPICAL WEEKLY SCHEDULE

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<td>6:30 - 8:30 Conference</td>
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<td>9:00 - 12:00 O.R.</td>
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<td>1:00 - 5:00 Basic Sciences</td>
<td>1:00 - 2:00 O.R.</td>
<td>1:00 - 2:00 O.R.</td>
<td>1:00 - 2:00 O.R.</td>
<td>1:00 - 3:00 O.R.</td>
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<td>5:00 Pre- &amp; Post-Op Evaluation</td>
<td>2:00 - 3:00 Lecture</td>
<td>2:00 - 3:00 Lecture</td>
<td>2:00 - 3:00 Lecture</td>
<td>3:00 - 5:00 Pre- &amp; Post-Op Evaluation</td>
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<td>3:00 - 5:00 Pre- &amp; Post-Op Evaluation</td>
<td>3:00 - 5:00 Pre- &amp; Post-Op Evaluation</td>
<td>3:00 - 5:00 Pre- &amp; Post-Op Evaluation</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: 1 call per week - weeks 1 & 2. Every 4th night thereafter.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

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AN250.06 ANESTHESIOLOGY

Advanced Clinical Clerkship        Location: CS            2003-2004
1/28/2002

COURSE CHAIR:                      PHONE #: (310) 423-5841
Ronald H. Wender, M.D.            COURSE OBJECTIVES (in order of importance)

SUPPORTING FACULTY:               Attending Staff

STUDENT COORDINATOR:             PHONE #: (310) 423-5846
Cathy Lobue                      E-MAIL: cathy.lobue@cshs.org

REPORT TO: Dept. of Anesthesiology, Room 8211, Cedar-
Sinai Med Ctr, 8:30 am.

PREREQUISITES: Medicine, Surgery, Pediatrics, or OB

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. Introduction to principles and technique of both general and
regional anesthesia.
2. Airway management including proper use of the mask and
endotracheal intubation.
3. Introduction to invasive monitoring, including Swan-Ganz
catheters, CVPs and arterial lines.
4. Fluid and electrolyte management intra-op.
5. Post-op pulmonary ventilation.
6. Introduction to OB Anesthesia.

DESCRIPTION: An introduction to airway management as well as principles and practice of anesthesia.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Cardiovascular disease
2. COPD
3. Hypertension
4. Diabetes
5. Renal Failure
6. Trauma
7. Multisystem dysfunction
8. Pediatric Problems

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 40

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 1665

TYPICAL WEEKLY SCHEDULE

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<td>AM</td>
<td>Clinical Anesthesia in O.R.</td>
<td>Clinical Anesthesia in O.R.</td>
<td>Clinical Anesthesia in O.R.</td>
<td>7:00 - 8:00 Didactic Lecture 2nd &amp; 4th Wed. of each month Clinical Anesthesia in O.R.</td>
<td>Clinical Anesthesia in O.R.</td>
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<td>PM</td>
<td>Pre and Post-op Rounds</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None required, however student may elect to take call.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: None
AN250.07  ANESTHESIOLOGY

Advanced Clinical Clerkship  Location: OVH

COURSE CHAIR:  PHONE #:  
Rima Matevosian, M.D.  (818) 364-4350

COURSE OBJECTIVES (in order of importance)
1. Causes, effects, and therapy of hypoxia.
2. How medical and surgical diseases and the operations performed affect patients perioperatively.
3. How to medically evaluate a patient scheduled for surgery.
4. Airway management.
5. Basic monitoring techniques.
6. Pharmacology of anesthetic drugs.

SUPPORTING FACULTY:
Dr. Calmes

STUDENT COORDINATOR:  PHONE #:  
Mary Shafer-Moya  (818) 364-4350  
E-MAIL: mshafer@dhs.co.la.ca.us

REPORT TO:  
Dr. Matevosian, M.D., 3A-113, OVMC, 0800.  First day.

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,
17,20,23,25,26,29,32,35,38,41,44,47,50 (No students week 1)

DESCRIPTION:  Students will work with clinical faculty in a busy county facility. The primary focus will be on how surgery and anesthesia affect patients with various diseases. Students will evaluate patients pre-surgery and participate in the patients’ anesthesia management and post-op care. Self-learning is expected and facilitated by Problem-Based Learning modules, some new AV teaching material and teaching software, including a simulator with an expert system. Time on OB anesthesia can be arranged.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Hypoxia
2. Diabetes
3. Obesity
4. Asthma/COPD
5. Sepsis
6.
7.
8.

INPATIENT:  50%
OUTPATIENT:  50%
CONSULTATION:  20%
PRIMARY CARE:  80%

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT:  40 / 4 weeks

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE:  420

TYPICAL WEEKLY SCHEDULE

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<td>Clinical in O.R.</td>
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7:00 - 8:00 Clinical Conference

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  Students will attend at least one session at the UCLA Anesthesiology Simulator.

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COURSE CHAIR:  F. Michael Ferrante, M.D.  
PHONE #:  (310) 319-2261

STUDENT COORDINATOR:  Coco Camargo  
PHONE #:  (310) 825-3316  
E-MAIL:  ccamargo@mednet.ucla.edu

REPORT TO:  Dr. Ferrante, 1245 16th St., Suite 220 Santa Monica @ 8:00 a.m.

PREREQUISITES:  Inpatient Internal Medicine or Family Medicine and Neurology

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 give the student hands-on training in the diagnosis, treatment, and management of acute and chronic pain. The student will gain knowledge of and be able to diagnose and treat various pain states. The student will learn various modalities in the treatment of acute and chronic pain, including performing various pain procedures and understanding how to use various medications in the treatment of acute and chronic pain.

STUDENT EXPERIENCES

1. Neuropathic Pain
2. Somatic Pain
3. Postoperative Pain
4. Visceral Pain
5. Complex Regional Pain Syndrome

COMMON PROBLEMS/DISEASES

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

CLOSE CONTACT WITH:

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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 80

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>PM</td>
<td>1200-1400 Chronic Pain Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
COURSE OBJECTIVES (in order of importance)
1. Teach the student clinical physiology and pathophysiology.
2. Teach the student principles of clinical pharmacology.
3. Teach the student how to prepare patients for anesthesia and surgery.
4. Introduce the student to the management of anesthesia for subspecialty surgery.
5. Airway management (control of airway with mask, tracheal intubation)
6. Familiarize the student with the techniques of general and regional anesthesia.
7. Introduce the practical pharmacology of sedatives, narcotics, & local anesthesia.
8. Introduce monitoring (EKG, BP, pulse oximetry & invasive monitors). 
10. Introduce critical care (resuscitation, IV fluid management, and mechanical ventilation).

STUDENT EXPERIENCES
COMMON PROBLEMS/DISEASES
1. Pulmonary disease
2. Cardiac disease
3. Renal disease
4. Critical care
5. Pain management
6. Obstetrics
7. Neurologic 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

APPROXIMATE # OF PATIENTS EVALUATED EACH MONTH/STUDENT: 40

TOTAL # OF PATIENTS EVALUATED EACH MONTH BY ENTIRE SERVICE: 800

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>0700 - 0900 Intubation Training</td>
<td>0930 - 1200 Operating Room</td>
<td>0700 - 0800 Grand Rounds</td>
<td>0630 - 1200 Operating Room</td>
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<td>IV Catheter Training</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Overnight call once a week

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Report to Coco Camargo on first day. Faculty will orient student at this time.