AN250.02 ANESTHESIOLOGY

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

COURSE CHAIR: Richard Pieton, M.D. (310) 268-3221
           E-MAIL: richard.pieton@va.gov

SUPPORTING FACULTY: Dr. Kevin Win, M.D.
           E-MAIL: Kevin.win@va.gov

STUDENT COORDINATOR: Victor Rosal (310) 268-3221
           E-MAIL: victor.rosal@va.gov

REPORT TO: Victor Rosal, Rm. 5404 at 7:00 a.m.

STUDENT EXPERIENCES

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

COMMON PROBLEMS/DISEASES
1. Chronic Obstructive Pulmonary Disease
2. Coronary Artery Disease
3. Difficult Airway
4. Gen'I surgery (hernia, cholelithasis)
5. ENT (tumor, deviated nasal septum)
6. Cataract, lens implant
7. Orthopedic (fractures, total hip)
8. Neurosurgery (tumor, aneurysm)

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 12 - 13
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 100

TYPICAL WEEKLY SCHEDULE

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<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>7:00 Operating Room&lt;br&gt;11:00 Lecture</td>
<td>7:00 Operating Room&lt;br&gt;11:00 Lecture</td>
<td>8:00 Operating Room&lt;br&gt;11:00 Lecture</td>
<td>7:00 Operating Room&lt;br&gt;11:00 Lecture</td>
<td>7:00 Operating Room&lt;br&gt;11:00 Lecture</td>
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<td>3:00 Pre- and Post-Op Patient Evaluation</td>
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<td>OR Pre-Operative Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: *No medical students in the month of December due to low patient volume in the VA system.

STUDENT COORDINATOR:
Victor Rosal (310) 268-3221
E-MAIL: victor.rosal@va.gov

SUPPORTING FACULTY:
Dr. Kevin Win, M.D.
E-MAIL: Kevin.win@va.gov

DESCRIPTION: Two-week maximum elective. Excellent for fourth-year medical students to learn basic airway management, establishment of IV access, and gain insight about anesthesia.

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 subspecialty i.e., cardiac, neuro, ENT, ophthalmologic orthopedic, and urologic.
5. Establishing lines: IV lines.
6. Preoperative fluid management.
8. Student may go to codes with supervising personnel if he or she wishes.

PREREQUISITES:
AVAILABLE FOR EXterns: No
STUDENTS / PERIOD: max 1 min 1
DURATION: 2 weeks
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, 51

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, 51

DESCRIPTION: Two-week maximum elective. Excellent for fourth-year medical students to learn basic airway management, establishment of IV access, and gain insight about anesthesia.
STUDENT EXPERIENCES

CLOSE CONTACT WITH:

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.

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

PREFERRED CONTACT:

Inpatient: 70%
Outpatient: 30%
Consultation: 10%
Primary Care: 90%
Other: X

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 200+

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>PM</td>
<td>Pre- &amp; Post-Op Rounds 3:00 – 5:00 Didactic (Chapter Review/ Journal Club)</td>
<td>Pre- &amp; Post-Op Rounds 3:00 – 5:00 Didactic (Chapter Review/ Journal Club)</td>
<td>Pre- &amp; Post-Op Rounds 3:00-5:00 Tutorials</td>
<td>Pre- &amp; Post-Op Rounds 3:00-5:00 Tutorials</td>
<td>Pre- &amp; Post-Op Rounds 3:00-5:00 Tutorials</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Optional
AN250.06  ANESTHESIOLOGY

Advanced Clinical Clerkship  Location: CS  2009-2010  Revised: 12/16/08

COURSE CHAIR:  COURSE OBJECTIVES (in order of importance)
Ronald H. Wender, M.D.  
PHONE #: (310) 423-5841  1. Introduction to principles and technique of both general
E-MAIL: ronald.wender@cshs.org and regional anesthesia.

SUPPORTING FACULTY:
Attending Staff

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

REPORT TO:
Dept. of Anesthesiology, Room 8211, Cedars-Sinai Med Center, 8:30 a.m.

PREREQUISITES: Medicine, Surgery, Pediatrics, or OB

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 4  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: 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 WEEK BY STUDENT: 10

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 416

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<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</td>
<td>Clinical Anesthesia in O.R.</td>
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<td>4:30 Conference</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
2009-2010
Revised: 12/3/08

COURSE CHAIR: Rima Matevosian, M.D.
(818) 364-4350
E-MAIL: rmatevos@ucla.edu

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. Introduction to OB Anesthesia.

SUPPORTING FACULTY:

STUDENT EXPERIENCES
CLOSE CONTACT WITH:

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

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

COMMON PROBLEMS/DISEASES
1. Hypoxia
2. Diabetes
3. Obesity
4. Asthma/COPD

STUDENT EXPERIENCES

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 105

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>Clinical ANES in O.R.</td>
<td>Clinical ANES in O.R.</td>
<td>Clinical ANES in O.R.</td>
<td>7:00 – 8:00</td>
<td>Clinical ANES in O.R.</td>
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<td>Clinical Conference</td>
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<td>Clinical ANES in O.R.</td>
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<tr>
<td>PM</td>
<td>Clinical in O.R.</td>
<td>Clinical in O.R.</td>
<td>Clinical in O.R.</td>
<td>Clinical in O.R.</td>
<td>Clinical in O.R.</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: If scheduling permits, students will attend at least one session at the UCLA Anesthesiology Simulator.
STUDENT EXPERIENCES

1. Neuropathic Pain
2. Somatic Pain
3. Postoperative Pain
4. Visceral Pain
5. Complex Regional Pain Syndrome
6. Back and Neck Pain

CLOSE CONTACT WITH:

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 20 - 25

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 125

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>7:30 - 12:00 Procedures</td>
<td>8:00 - 12:00 Clinic</td>
<td>8:00 - 12:00 Clinic</td>
<td>8:00 - 12:00 Clinic</td>
<td>8:00 - 12:00 Clinic</td>
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<tr>
<td>PM</td>
<td>1:00 - 4:00 Procedures</td>
<td>1:00 - 5:00 Clinic</td>
<td>1:00 - 4:30 Clinic/Procedures</td>
<td>1:00 - 4:00 Clinic</td>
<td>1:00 - 4:00 Clinic</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: None
AN310.02 INTENSIVE CARE UNIT, CARDIAC SURGERY

Subinternship/Inpatient 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: Renal Radiologists

COMMON PROBLEMS/DISEASES
1. Coronary artery disease
2. Valvular heart disease
3. Arrythmias
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%

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:00 - Morning Rds on post open-heart surgery patients</td>
<td>8:00 - Arrhythmia Conf.</td>
<td>8:30 Morning Rounds</td>
<td>9:00 Morning Rounds</td>
<td>8:00 Morning Rounds</td>
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<td>10:00 - Work Rds with Attending Cardiologists, Fellow and House Staff</td>
<td>9:00 - Cardiology Grand Rounds</td>
<td>10:00 - Work Rounds with Attending and Team</td>
<td>10:00 - Work Rounds with Attending and Team</td>
<td>10:00 - Work Rounds with Attending and Team</td>
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<tr>
<td>PM</td>
<td>12:00 - EKG Lecture</td>
<td>12:00 - EKG Lecture</td>
<td>12:00 - EKG Lecture</td>
<td>12:00 - EKG Lecture</td>
<td>12:00 - EKG Lecture</td>
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<td>1:00 - Perform Workup and review data for next day’s surgical patient</td>
<td>1:00 - Workups of Next Day’s Patients</td>
<td>1:00 - Workups Patients</td>
<td>1:00 - Workups Patients</td>
<td>1:00 - Workups Patients</td>
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<td>3:00 - Afternoon Rounds Cardiology Lecture</td>
<td>3:00 - Afternoon Rounds Cardiology Lecture</td>
<td>3:00 - Afternoon Rounds Cardiology Lecture</td>
<td>3:00 - Afternoon Rounds Cardiology Lecture</td>
<td>3:00 - Afternoon Rounds Cardiology Lecture</td>
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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.
AN350.01  SUBINTERNSHIP IN ANESTHESIOLOGY

Subinternship Location: UCLA/SM  2009-2010 Revised: 1/6/09

STUDENT EXPERIENCES

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

INPATIENT:

OUTPATIENT:

CONSULTATION:

PRIMARY CARE:

COMMON PROBLEMS/DISEASES

1. Pulmonary disease
2. Cardiac disease
3. Renal disease
4. Critical care
5. Pain management
6. Obstetrics
7. Neurologic disease

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:

TYPICAL WEEKLY SCHEDULE

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<tbody>
<tr>
<td>AM</td>
<td>7:00 – 9:00 Intubation Training</td>
<td>6:30 – 12:00 Operating Room</td>
<td>7:00 – 8:00 Grand Rounds</td>
<td>6:30 – 12:00 Operating Room</td>
<td>6:30 – 12:00 Operating Room</td>
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<td>IV Catheter Training</td>
<td>12:00 – 3:30 Operating Room</td>
<td>8:30 – 12:00 Operating Room</td>
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<td>9:00 – 12:00 Operating Room</td>
<td>3:30 – 4:00 Case Conference</td>
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<td>PM</td>
<td>12:00 – 3:30 Operating Room</td>
<td>4:00 – 5:00: Lecture</td>
<td>1:00 - 4:30 Clinic/Procedures</td>
<td>1:00 - 4:00 Clinic</td>
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<td>4:30 Pre- &amp; Post-Op Patient Evaluation</td>
<td>5:00: Post-Op Patient Evaluation</td>
<td>5:00 -6:00 Didactics</td>
<td>1:00 - 4:00 Clinic</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.