COURSE CHAIR:  
Kevin K. Win, M.D.  
PHONE #:  
(310) 268-3221  
E-MAIL: kevin.win@va.gov

SUPPORTING FACULTY:  
Corey Downs, M.D.  
E-MAIL: corey.downs@va.gov

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

REPORT TO:  
Victor Rosal, Rm. 5404 at 7:15 a.m.

COLLEGE AFFILIATION:  
Acute Care

AVAILABLE FOR EXterns:  
No

STUDENTS / PERIOD:  
max 1 min 1

DURATION:  
2 weeks

2013-2014 ROTATIONS BEGIN WEEKS:  
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 28, 30, 32, 34, 38, 40, 42, 44, 46, 48, 50

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

COMMON PROBLEMS/DISEASES
1. Chronic Obstructive Pulmonary Disease
2. Coronary Artery Disease
3. Difficult Airway
4. Gen'l 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%

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

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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<tr>
<th>Hour</th>
<th>Monday</th>
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<tbody>
<tr>
<td>AM</td>
<td>7:00 Operating Room</td>
<td>7:00 Operating Room</td>
<td>8:00 Operating Room</td>
<td>7:00 Operating Room</td>
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<tr>
<td></td>
<td>11:00 Lecture</td>
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<td></td>
<td>3:00 Pre- and Post-Op Patient Evaluation</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.
AN250.03 ANESTHESIOLOGY

Advanced Clinical Clerkship Location: HARBOR 2013-2014

Revised: 12/10/12

STUDENT EXPERIENCES

CLOSE CONTACT WITH:

X FULL-TIME FACULTY

CLINICAL FACULTY

FELLOWS

X RESIDENTS

INTERNS

OTHER:

70%

30%

10%

90%

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

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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<td></td>
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<td></td>
<td>7:00 – 9:00 Didactic Lecture M&amp;M Conference</td>
<td>Clinical Anesthesia in O.R.</td>
<td>6:45 – 7:15 Morning Rounds</td>
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<td>Clinical Anesthesia in O.R.</td>
<td>3:00 – 5:00 Didactic (Chapter Review/ Journal Club)</td>
<td>Clinical Anesthesia in O.R.</td>
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<td></td>
<td>Pre- &amp; Post-Op Rounds</td>
<td>Pre- &amp; Post-Op Rounds</td>
<td>3:00 – 5:00 Tutorials</td>
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<td></td>
<td>3:00 – 5:00 Didactic (Chapter Review/ Journal Club)</td>
<td>Pre- &amp; Post-Op Rounds</td>
<td>Pre- &amp; Post-Op Rounds</td>
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<td>Pre- &amp; Post-Op Rounds</td>
<td>Pre- &amp; Post-Op Rounds</td>
<td>Pre- &amp; Post-Op Rounds</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 2013-2014

Revised: 12/10/12

STUDENT EXPERIENCES

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

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%

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 416

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

COURSE CHAIR: Ronald H. Wender, M.D.
PHONE #: (310) 423-5841
E-MAIL: ronald.wender@cshs.org

SUPPORTING FACULTY:
Attending Staff

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

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

COLLEGE AFFILIATION: Acute Care

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 4 min 1

DURATION: 3 weeks

2013-2014 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

TYPICAL WEEKLY SCHEDULE

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<th>Hour</th>
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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 Clinical Anesthesia in O.R.</td>
<td>Clinical Anesthesia in O.R.</td>
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</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None required; however, student may elect to take call.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: None
ANESTHESIOLOGY
Advanced Clinical Clerkship  Location: OVH  2013-2014  Revised: 12/10/12

COURSE CHAIR:  Karina Chan, M.D.  (818) 364-4350  E-MAIL: karchan@dhs.lacounty.gov

SUPPORTING FACULTY:
Drs. Jeffrey Rusheen, Aram Messerlian, Stephen Nemeth, Maryetta Ovsepian and Timothy Yuen

STUDENT COORDINATOR:  Juliet Esmaili (818) 364-4350  E-MAIL: jesmaili@dhs.lacounty.gov

REPORT TO:  Student Coordinator, 3A-113, OVMC, on the first day.

COLLEGE AFFILIATION:  Acute Care

AVAILABLE FOR EXTERNS:  Yes

STUDENTS / PERIOD:  max 2 min 1

DURATION:  3 weeks

2013-2014 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 23, 27, 30, 33, 38, 41, 44, 47

DESCRIPTION:  Students will work with clinical faculty in a busy county facility.  The primary focus will be on how anesthesia and surgery affect patients with various diseases.  Students will evaluate patients pre-operatively and actively participate in patients’ anesthesia management and post-operative care.  Students will work primarily with the attending Anesthesiology faculty who will provide daily intra-operative and peri-operative teaching.  Students will be given guidance for self-learning utilizing selected journal articles and online resources.  It is expected that this will enhance the learning experience provided by the faculty members.

COMMON PROBLEMS/DISEASES
1. Hypoxia
2. Hypertension / CAD
3. Diabetes
4. Obesity
5. Asthma/COPD
6. Hypotension
7. Hypercarbia

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

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

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>Clinical ANES</td>
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<td>Clinical ANES</td>
<td>7:00 – 8:00 Clinical Conference</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.
AN298.01 PAIN MEDICINE
Advanced Clinical Clerkship Location: S. MONICA 2013-2014
Revised: 12/10/12

STUDENT EXPERIENCES
CLOSE CONTACT WITH:
X FULL-TIME FACULTY
CLINICAL FACULTY
X FELLOWS
X RESIDENTS
X INTERNS
INPATIENT:
OUTPATIENT:
CONSULTATION:
PRIMARY CARE:

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 20 - 25
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 200

TYPICAL WEEKLY SCHEDULE

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</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00-12:00 Clinic</td>
<td>7:00—8:00 Didactics</td>
<td>7:00—8:00 Didactics</td>
<td>7:00—8:00 Didactics</td>
<td>8:00 - 12:00 Procedures</td>
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<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 Clinic</td>
<td>1:00 - 4:00 Clinic</td>
<td>1:00 - 4:00 Clinic/Procedures</td>
<td>1:00 - 4:00 Clinic</td>
<td>1:00 - 4:00 Procedures</td>
</tr>
</tbody>
</table>

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

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

Subinternship/Inpatient Location: CS 2013-2014

REVISED: 12/10/12

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. Arrhythmias
4. Congestive heart failure
5. Anticoagulation
6. Sepsis, renal failure, pulmonary complications
7. Anemias
8. Drug interactions

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5

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

TYPICAL WEEKLY SCHEDULE

Hour | Monday | Tuesday | Wednesday | Thursday | Friday
--- | --- | --- | --- | --- | ---
AM | 8:00 - Morning Rds on post open-heart surgery patients | 8:00 - Arrhythmia Conf. 9:00 - Cardiology Grand Rounds 10:00 - Work Rounds with Attending and Team | 8:30 Morning Rounds 10:00 - Work Rounds with Attending and Team | 9:00 Morning Rounds 10:00 - Work Rounds with Attending and Team | 8:00 Morning Rounds 10:00 - Work Rounds with Attending and Team
PM | 12:00 - EKG Lecture 1:00 - Perform Workup and review data for next day's surgical patient 3:00 - Afternoon Rounds Cardiology Lecture | 12:00 - EKG Lecture 1:00 - Workups of Next Day's Patients 3:00 - Afternoon Rounds Cardiology Lecture | 12:00 - EKG Lecture 1:00 - Workups Patients 3:00 - Afternoon Rounds Cardiology Lecture | 12:00 - EKG Lecture 1:00 - Workups Patients 3:00 - Afternoon Rounds Cardiology Lecture

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

Location: UCLA/SM

2013-2014

Revised: 1/26/12

COURSE CHAIR:
Mitchell Lin, M.D.
PHONE #: (310) 267-8653
E-MAIL: milin@mednet.ucla.edu

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, endotracheal intubation).
6. Familiarize the student with the techniques of general and regional anesthesia.
7. Introduce the practical pharmacology of sedatives, narcotics, and local anesthesia.
8. Introduce monitoring (EKG, BP, pulse oximetry and invasive monitors).
9. Experience establishing lines: IV, CVP, Swan-Ganz, and arterial lines.
10. Introduce critical care (resuscitation, IV fluid management, and mechanical ventilation).

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

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

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

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>8:30 – 12:00 Operating Room</td>
<td>8:30 – 12:00 Operating Room</td>
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<td>9:00 – 12:00 Operating Room</td>
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<td>PM</td>
<td>12:00 – 4:00 Operating Room</td>
<td>12:00 – 3:30 Operating Room</td>
<td>12:00 – 4:00 Operating Room</td>
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<td>3:30 – 5:00 Didactics</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Overnight call once a week

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
Report to Lucine Torosian on first day for orientation.
AN350.02 SUBINTERNSHIP IN ANESTHESIOLOGY

Subinternship Location: OVH 2013-2014

COURSE CHAIR: Karina Chan, M.D.  PHONE #: (818) 364-4350

SUPPORTING FACULTY:  Drs. Jeffrey Rusheen, Aram Messerlian, Stephen Nemeth, Maryetta Ovsepian, and Timothy Yuen

STUDENT COORDINATOR: Juliet Esmaili  PHONE #: (818) 364-4350  E-MAIL: jesmaili@dhs.lacounty.gov

REPORT TO: Juliet Esmaili at 7:00 am in 3A113 OVMC.

COLLEGE AFFILIATION: Acute Care College

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 2  min 1

DURATION: 3 weeks

2012-2013 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

DESCRIPTION: Students will work with clinical faculty in a busy County facility. The primary focus will be on how anesthesia and surgery affect patients with various diseases. Students will participate in the pre-anesthesia evaluation of inpatients and actively participate in patients’ anesthesia management and post-operative care. Students will work primarily with the attending Anesthesiology faculty who will provide daily intraoperative and perioperative teaching. Students will be assigned learning topics to discuss with the faculty. Students will also be expected to attend afternoon lectures provided by the faculty. At the end of the rotation, students will give a presentation regarding a pertinent topic of Anesthesiology in the perioperative setting.

COURSE OBJECTIVES (in order of importance)
1. Understand the key principles of the pre-anesthesia evaluation and participate in evaluation in-patients scheduled for surgery.
2. Understand the key concepts of the perioperative evaluation of patients (i.e., airway examination and identifying risk factors).
3. Understand the principles of the physiology and pathophysiology affecting patient’s anesthetic course.
4. Develop the basic technical skills to manage a patient’s airway: specifically, proper use of mask ventilation and advanced airways (i.e. endotracheal tubes and laryngeal mask airway).
5. Understand the pharmacology of the drugs commonly used in anesthesia (i.e. induction agents, inhalation agents, neuromuscular blocking drugs, opioids).
6. Understand the principles of perioperative electrolyte and fluid management (including blood transfusions).
7. Learn to identify basic intraoperative problems and discuss differential diagnosis.
8. Develop skills in placing intra-venous catheters, arterial lines, and central venous catheters.
10. Understand the importance of compassionate and respectful behavior when interacting with patients and their families in the perioperative setting.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES
1. Hypoxia
2. Hypertension/CAD
3. Diabetes
4. Obesitiy
5. Asthma/COPD
6. Hypotension
7. Hypercarbia

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 WEEK BY STUDENT: 3-4

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

TYPICAL WEEKLY SCHEDULE

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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

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