AN250.02 ANESTHESIOLOGY

Advanced Clinical Clerkship
Location: WVA
2008-2009
Revised: 11/25/08

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

SUPPORTING FACULTY:
Dr. Kevin Win

STUDENT COORDINATOR:
Victor Rosal
PHONE #: (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’t surgery (hernia, cholelithiasis)
5. ENT (tumor, deviated nasal septum)
6. Cataract, lens implant
7. Orthopedic (fractures, total hip)
8. Neurosurgery (tumor, aneurysm)

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

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

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>7:00 Operating Room</td>
<td>7:00 Operating Room</td>
<td>8:00 Operating Room</td>
<td>7:00 Operating Room</td>
<td>7:00 Operating Room</td>
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<td></td>
<td>11:00 Lecture</td>
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<td>PM</td>
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<td></td>
<td>3:00 Pre- and Post-Op Patient Evaluation</td>
<td>OR</td>
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</table>

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
2008-2009
Revised: 12/4/07

COURSE CHAIR:
Elaine Yang, M.D.
PHONE #: (310) 222-3472
E-MAIL: 

SUPPORTING FACULTY:
Dr. Y Wu and Faculty

STUDENT COORDINATOR:
Paula M. Conley
PHONE #: (310) 222-3472
E-MAIL: p.conley49@worldnet.att.net

REVIEWED TO:
Dr. E. Yang or Y. Wu, 2nd Floor Surgery Suite at 8 a.m. first day of clerkship

AVAILABLE FOR EXterns: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2008-2009 ROTATIONS BEGIN WEEKS:
30, 47

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:
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: 150

TYPICAL WEEKLY SCHEDULE

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<tr>
<th>Hour</th>
<th>Monday</th>
<th>Tuesday</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>Clinical Anesthesia in O.R.</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>
<td>6:45 – 7:15 Morning Rounds</td>
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<td></td>
<td>3:00 – 5:00 Tutorials</td>
<td>Pre- &amp; Post-Op Rounds</td>
<td>Clinical Anesthesia in O.R.</td>
<td>Clinical Anesthesia in O.R.</td>
<td>Clinical Anesthesia in O.R.</td>
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<td></td>
<td>Pre- &amp; Post-Op Rounds</td>
<td>(Chapter Review/ Journal Club)</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: None
AN250.06  ANESTHESIOLOGY

Advanced Clinical Clerkship  Location: CS  2008-2009  Revised: 11/20/07

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

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.

SUPPORTING FACULTY:
Attending Staff

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

COMMON PROBLEMS/DISEASES
1. Cardiovascular disease  INPATIENT:  90%
2. COPD  OUTPATIENT:  10%
3. Hypertension  CONSULTATION:  10%
4. Diabetes  PRIMARY CARE:  90%
5. Renal Failure
6. Trauma
7. Multisystem dysfunction
8. Pediatric Problems

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
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<th>Wednesday</th>
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<th>Friday</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>Clinical Anesthesia in O.R.</td>
<td>Clinical Anesthesia in O.R.</td>
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7:00 – 8:00 Didactic Lecture 2nd & 4th Wed. of each month
Clinical Anesthesia in O.R.

7:00 – 8:00 Didactic Lecture 2nd & 4th Wed. of each month
Clinical Anesthesia in O.R.

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  2008-2009  Revised: 11/27/07

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Rima Matevosian, M.D. (818) 364-4350  1. Introduction to principles and technique of both general
E-MAIL: rmatevos@ucla.edu  and regional anesthesia.

SUPPORTING FACULTY:

STUDENT EXPERIENCES

CLOSE CONTACT WITH:

1. Hypoxia   FULL-TIME FACULTY

2. Diabetes   CLINICAL FACULTY

3. Obesity   FELLOWS

4. Asthma/COPD   RESIDENTS

OTHER:   INTERNS

80%

INPATIENT:  50%

OUTPATIENT:  50%

COMMON PROBLEMS/DISEASES

CONSULTATION:  20%

PRIMARY CARE:  80%

STUDENT COORDINATOR:  PHONE #:
Mary Shafer-Moya (818) 364-4350
E-MAIL: mshafer@dhs.lacounty.gov

REPORT TO:
Dr. Matevosian, M.D., 3A-113, OVMC, 7:00 a.m. each day

PREREQUISITES: None

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2008-2009 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 23, 27, 30, 33, 36, 39, 42, 45, 48

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

INPATIENT:  50%

OUTPATIENT:  50%

CONSULTATION:  20%

PRIMARY CARE:  80%

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>
<th>Hour</th>
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<tbody>
<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 Clinical Conference</td>
<td>Clinical ANES in O.R.</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.
AN298.01 PAIN MEDICINE

Advanced Clinical Clerkship
Location: S. MONICA
2008-2009
Revised: 11/27/07

COURSE CHAIR:  
F. Michael Ferrante, M.D.  
PHONE #: (310) 319-2241  
E-MAIL: mferrante@mednet.ucla.edu

SUPPORTING FACULTY:  
Nirmala Hidalgo, M.D., and Eric Hsu, M.D.

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

REPORT TO:  
Dr. Ferrante, 1245 16th St., Ste. 225, Santa Monica; 8:00 a.m.

PREREQUISITES: Inpatient Internal Medicine or Family Medicine and Neurology

AVAILABLE FOR EXterns: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2008-2009 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 comprehensive evaluation, diagnosis and treatment of a wide variety of chronic pain conditions with emphasis on spinal medicine. These treatments include both medication management as well interventional techniques. Comprehensive evaluation includes dictation of each patient encounter. As the basic skills of evaluation and diagnosis are being obtained, the student is introduced to various pain procedures.

STUDENT EXPERIENCES

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT:</th>
<th>OUTPATIENT:</th>
<th>CONSULTATION:</th>
<th>PRIMARY CARE:</th>
<th>CLOSE CONTACT WITH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Neuropathic Pain</td>
<td>0%</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
<td>FULL-TIME FACULTY</td>
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<tr>
<td>2. Somatic Pain</td>
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<td>CLINICAL FACULTY</td>
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<td>3. Postoperative Pain</td>
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<td>FELLOWS</td>
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<td>4. Visceral Pain</td>
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<td>RESIDENTS</td>
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<td>3. Complex Regional Pain Syndrome</td>
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<td>INTERNS</td>
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<td>4. Back and Neck Pain</td>
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<td>OTHER:</td>
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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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<tbody>
<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

COURSE CHAIR:  Nicola D’Attellis, M.D.  
PHONE #:  (310) 423-5846

SUPPORTING FACULTY:  
Drs. M. Wilson, L. Czer, S. Raissi, N. O’Attellis, J. Pryor

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

REPORT TO:  Cathy Lobue, 8730 Alden Dr., 2W, Room 221 @ 8:00

PREREQUISITES:  Internal & Ambulatory Medicine and Surgery

AVAILABLE FOR EXTERNS:  Yes

STUDENTS / PERIOD:  max 3  min 1

DURATION:  3 weeks

2008-2009 ROTATIONS BEGIN WEEKS:  
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45, 48

DESCRIPTION:  This is an intensive care unit-based service that focuses on the medical management of the open heart surgery patient. Students also have the opportunity to observe and scrub in on cardiac surgery cases. This is a practical rotation for students. They will benefit by a close association with full-time faculty, cardiology fellows, and cardiac surgeons throughout each day. The primary emphasis will be on hands-on patient care and procedures with in-depth consideration of physical findings and ancillary laboratory testing. Students attend two daily lectures on EKG interpretation and on general cardiology topics.

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  
5

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

TYPICAL WEEKLY SCHEDULE

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  2008-2009 Revised: 12/13/07

COURSE CHAIR:  PHONE #:  COURSE OBJECTIVES (in order of importance)
Mitchell Lin, M.D. (310) 825-3316
Adria Boucharel, M.D.  1. Teach the student clinical physiology and pathophysiology.

E-MAIL:  milin@mednet.ucla.edu

SUPPORTING FACULTY:
Faculty

STUDENT COORDINATOR:  PHONE #:  2. Teach the student principles of clinical pharmacology.
Coco Camargo or Lucelva Mendez  (310) 825-3316

E-MAIL:  ccamargo@mednet.ucla.edu

REPORT TO:
Coco Camargo, AS-267 CHS at 7:00 a.m.

PREREQUISITES: Medicine & Surgery

AVAILABLE FOR EXternS: Yes

STUDENTS / PERIOD: max 6 min 1

DURATION:  3 weeks

2008-2009 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

DESCRIPTION: Students will work on a one-to-one basis with an anesthesiology attending and resident in the operating room. In addition, students will be exposed to other aspects of anesthetic care, including outpatient anesthetic practice and preoperative assessment. Didactics will consist mainly of teaching the OR, and weekly grand rounds and resident lectures. Students with special interests are urged to contact the department prior to joining the course. Students will rotate to two different sites during their rotation: Santa Monica Hospital and CHS in Westwood.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

| 1. Pulmonary disease   | INPATIENT: 70% |
| 2. Cardiac disease    | OUTPATIENT: 30% |
| 3. Renal disease      | CONSULTATION: 100% |
| 4. Critical care      | PRIMARY CARE: 0% |
| 5. Pain management    | OTHER: |
| 6. Obstetrics         | X FULL-TIME FACULTY |
| 7. Neurologic disease | X CLINICAL FACULTY |
|                      | X FELLOWS |
|                      | X RESIDENTS |

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>
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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></td>
<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></td>
<td>9:00 – 12:00 Operating Room</td>
<td>3:30 – 4:00 Case Conference</td>
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</tr>
<tr>
<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>
<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>
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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.

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