

EM220.02 EMERGENCY PROCEDURES CADAVER LAB

Advanced Clinical Clerkship

Location: UCLA

2013-2014
Presented: 12/10/12

COURSE CHAIR:

Ravi Morchi, M.D.
Elena Stark, M.D., Ph.D.

E-MAIL: rmorchi@emedharbor.edu
estark@mednet.ucla.edu

PHONE #:

(310) 222-6836
(310) 206-9238

COURSE OBJECTIVES (in order of importance)

Describe indications for, and demonstrate proficiency in, performing the following procedures:

1. Hemostasis of scalp laceration
2. Lateral canthotomy
3. Anterior nasal packing
4. Posterior nasal packing
5. Endotracheal intubation
6. Cricothyrotomy
7. Tube thoracostomy
8. Pericardiocentesis
9. Pericardial drain
10. Emergency Department thoracotomy—left anterolateral
11. Emergency Department thoracotomy—transverse sternotomy (clamshell)
12. Diagnostic peritoneal lavage
13. Central venous catheter placement
14. Venous cutdown
15. Intraosseous line placement
16. Advanced wound closure techniques

SUPPORTING FACULTY:

STUDENT COORDINATOR:

Lucy Hadley

E-MAIL: lehadley@emedharbor.edu

PHONE #:

(310) 222-3501

REPORT TO: Dr. Ravi Morchi in the Gross Anatomy Lab, 73-167 CHS at 8 AM

COLLEGE AFFILIATION: Acute Care College

AVAILABLE FOR EXTERNS: No

Establish knowledge of the anatomy underlying surface landmarks and their correlation to life-saving procedures and key physical exam findings.

STUDENTS / PERIOD: max 4 min 2

DURATION: 1 week

2013-2014 ROTATIONS BEGIN WEEKS:

4, 8, 11, 17, 24, 29, 33, 36

DESCRIPTION: The goal of this course is to give senior medical students an opportunity to work on fresh, unpreserved cadavers while learning the procedures and clinically relevant anatomy essential to the practice of Emergency Medicine. Dissection and review of the internal anatomy will allow students to generate a focused differential diagnosis, interpret X-ray and bedside ultrasound results, and perform life-saving emergent procedures. Surface landmarks will be correlated to underlying cardiovascular and visceral structures.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Bleeding scalp laceration
2. Retrobulbar hematoma
3. Massive epistaxis
4. Obstructed airway
5. Hydro/hemopneumothorax
6. Cardiac tamponade
7. Hemoperitoneum
8. Difficult vascular access

INPATIENT:

N/A

OUTPATIENT:

20%

CONSULTATION:

N/A

PRIMARY CARE:

20%

CLOSE CONTACT WITH:

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: N/A

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: N/A

TYPICAL WEEKLY SCHEDULE

| Hour | Monday | Tuesday | Wednesday | Thursday | Friday |
|-----------|--|---|---|--|--|
| AM | Cadaver Lab Abdominal Emergencies | Cadaver Lab Abdominal Emergencies | Cadaver Lab Thoracic Emergencies | Cadaver Lab Advanced Wound Care Techniques | Cadaver Lab Head and Neck Emergencies |
| PM | Didactic Session Bedside US—Abdomen | Clinical Correlation <i>Harbor UCLA ED</i> | Didactic Session CXR Bedside US—Cardiac | Clinical Correlation <i>Harbor UCLA ED</i> | Didactic Review |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

EM280.01 EMERGENCY MEDICINE ULTRASONOGRAPHY

Advanced Clinical Clerkship

Location: HARBOR

2013-2014
Revised: 12/8/11

COURSE CHAIR:
Timothy Jang, M.D.

PHONE #:
(310) 222-6890

COURSE OBJECTIVES (in order of importance)

1. The student will be able to demonstrate knowledge of ultrasound physics, technology, and knobology.
2. The student will be able to outline a strategy for evaluation of patients with the common indications for ultrasound imaging.
3. The student will be able to identify specific anatomic landmarks pertaining to emergent bedside ultrasound.
4. The student will be able to obtain and interpret ultrasound images for the following exams: right upper quadrant, FAS (trauma), obstetric, pericardial fluid, and abdominal aorta.
5. The student will be able to apply bedside ultrasound to make diagnosis and will be able to recommend an appropriate definitive study for inconclusive ultrasound exams.
6. The student will be able to use bedside ultrasound for therapeutic procedures, including paracentesis and central line placement, according to standard emergency medicine practice.

SUPPORTING FACULTY:
Wendy Coates, MD

STUDENT COORDINATOR:
Lucy Hadley

PHONE #:
(310) 222-6881

E-MAIL: lehadley@emedharbor.edu

REPORT TO: Timothy Jang, DEM Administrative Building, D9 at 8:00 AM

COLLEGE AFFILIATION: Primary Care

AVAILABLE FOR EXTERNS: Yes (US Schools only)

STUDENTS / PERIOD: max 1 min 1

DURATION: 2 Weeks

2013-2014 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 22, 27, 30, 33, 38

DESCRIPTION: Students will work with Emergency Medicine physicians who use bedside ultrasound in their practice at Harbor-UCLA Department of Emergency Medicine. They will develop cognitive and manual skills necessary to incorporate bedside ultrasound into their practice. They will be required to complete a minimum of 25 ultrasounds. Students will attend formal lectures on ultrasound (theory, image acquisition, and interpretation). In addition, students will receive real time bedside ultrasound teaching. Exams will be required in the following areas: cardiac, gallbladder, trauma/FAST, aorta, and transabdominal/endovaginal. Student will be required to keep an ongoing log of their exams. These will be reviewed by the course chair. A quiz based on required weekly reading material will be given each week. Lastly, students will be required to present a topic in emergency ultrasound at one of the weekly lectures.

STUDENT EXPERIENCES

- COMMON PROBLEMS/DISEASES**
1. Undifferentiated abdominal pain
 2. Biliary Colic
 3. Multiple trauma
 4. Vaginal bleeding in the pregnant patient
 5. Pericardial effusion
 6. Central venous cannulation/access
 7. Paracentesis

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

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: 25

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 150-200

TYPICAL WEEKLY SCHEDULE

| Hour | Monday | Tuesday | Wednesday | Thursday | Friday |
|-----------|---|----------------------------|----------------------------|---|--|
| AM | 9:00 – 11:00 Ultrasound Lecture Series Emergency Dept. Ultrasound | Emergency Dept. Ultrasound | Emergency Dept. Ultrasound | 8:00 – 10:00 EM Conference Emergency Dept. Ultrasound | 8:00 – 10:00 EM Conference Emergency Dept. Ultrasound |
| PM | Emergency Dept. Ultrasound | Emergency Dept. Ultrasound | 12 – 4 Formal Ultrasound | Emergency Dept. Ultrasound | 12:00 – 1:00 Library/Research 1:00 – 2:00 Meeting with Mentor |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

EM280.02 EMERGENCY MEDICINE BEDSIDE ULTRASOUND

Advanced Clinical Clerkship

Location: OVH

2013-2014
Revised: 12/10/12

COURSE CHAIR:
Alan Chiem, MD

PHONE #:
(818) 364-3107

COURSE OBJECTIVES (in order of importance)

1. Understand basic ultrasound physics and knobology.
2. Exposure to common applications of ultrasound in Emergency Medicine.
3. Understand the role of ultrasound in the management of common presentations.
4. Able to acquire images necessary in the evaluation of biliary tract disease, , trauma, dyspnea, urolithiasis, soft tissue infection, and undifferentiated hypotension.
5. Able to grossly differentiate normal from abnormal images.
6. Able to apply ultrasound in procedures such as venous access and incision and drainage.
7. Present an ultrasound research article using the PICO method.

SUPPORTING FACULTY:

Pamela Dyne (EM), Amir Rouhani (EM/IM), Taku Taira (EM), Matthew Waxman (EM/IM), Scott Lundberg (EM/IM), Joshua Hui (EM), Luis Lovato (EM/IM), Susan Stein (IM), Carmen Partida (EM), Daniel Weingrow (EM)

STUDENT COORDINATOR:

Susi Morissett

PHONE #:
(818) 364-3107

E-MAIL: smorissett@dhs.lacounty.gov

REPORT TO: Dr. Alan Chiem, North Annex, OV-UCLA at 9:00

COLLEGE AFFILIATION: Acute Care College

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 2 weeks

2012-2013 ROTATIONS BEGIN WEEKS:

2, 4, 6, 8, 10, 12, 14, 16, 18, 22, 27, 29, 31, 33, 39, 41

DESCRIPTION: Students will learn image acquisition and interpretation for common point-of-care ultrasound applications in Emergency Medicine. They will have access to both faculty-led discussion and web-based didactic resources. They will be taught image acquisition on their scan shifts, which will be supervised by EM attending and resident physicians. Students will attend weekly quality assurance (QA) image review sessions to develop interpretative knowledge as well as to improve scan technique. Students will focus on common applications including: RUQ abdominal aortic and IVC imaging, focused echocardiography, FAST, renal, and pelvic ultrasound. A minimum of 50 ultrasounds will be required during the two week block. Students will keep a scan log which they will review with the Course Chair. In addition, characteristics, evidence, and limitations for point-of-care ultrasound as well as other imaging modalities, will be discussed.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Biliary disease
2. Urolithiasis
3. Abdominal aortic aneurysm
4. Cellulitis/abscess
5. First trimester pregnancy
6. Systolic function
7. Sepsis/fluid responsive
8. Trauma/FAST

INPATIENT: 0%
OUTPATIENT: 100%
CONSULTATION: N/A
PRIMARY CARE: N/A

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: 20

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: N/A

TYPICAL WEEKLY SCHEDULE

| Hour | Monday | Tuesday | Wednesday | Thursday | Friday |
|-----------|-------------|------------|------------|------------|--------------|
| AM | Orientation | Didactic | Didactic | Didactic | Image Review |
| PM | Scan Shift | Scan Shift | Scan Shift | Scan Shift | Journal Club |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: none

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:

EM320.01 EMERGENCY MEDICINE

Subinternship

Location: UCLA/OVH

2013-2014
Revised: 12/10/12**COURSE CHAIR:**

Carolyn Sachs, M.D., MPH

PHONE #:

(310) 267-8407

E-MAIL: csachs@mednet.ucla.edu**SUPPORTING FACULTY:**

UCLA and Olive View Emergency Medicine Faculty

STUDENT COORDINATOR:

Mickey Murano

PHONE #:

(310) 794-0586

E-MAIL: mmurano@mednet.ucla.edu**REPORT TO:**

Attending Physician, EMC Central Work Area at UCLA, 8:00 a.m.

COURSE OBJECTIVES (in order of importance)

1. First hour management of medical and surgical emergencies.
2. Differential diagnosis of common illnesses presenting to the Emergency Department.
3. Tailoring of history and physical examinations for acutely ill patients.
4. Refinement of suturing and procedural techniques.
5. Evaluation of laboratory results, including x-ray and EKG interpretation.
6. Appropriate use of laboratory tests.
7. Learning to establish good patient-doctor relationships in the acute care setting.
8. Appropriate use of essential drugs.
9. Exposure to cardiac, brain and trauma resuscitations.

COLLEGE AFFILIATION: Acute Care**AVAILABLE FOR EXTERNS:** Yes (US Students ONLY)**STUDENTS / PERIOD:** max 4 min 2**DURATION:** 3 weeks**2013-2014 ROTATIONS BEGIN WEEKS:**

2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

DESCRIPTION: This course will provide didactic and clinical training in Emergency Medicine. Students will be given graded responsibility commensurate w/their abilities in a setting of supervision by Emergency Department faculty and senior residents. The course will be equally divided: 1 1/2 weeks at UCLA and 1 1/2 weeks at Olive View-UCLA Medical Centers. Students will be part of the Emergency Medicine health care team. After obtaining a pertinent history and selected physical examination, the student will discuss diagnostic and therapeutic plans with the faculty. Students will then carry out this plan and follow their patients through until discharge or admission to the hospital.

STUDENT EXPERIENCES**COMMON PROBLEMS/DISEASES**

1. Major & Minor Trauma
2. Cardiac Emergencies: Chest Pain
3. Acute Respiratory Distress
4. Acute Febrile Illness
5. Toxicology
6. Altered Mental Status
7. Abdominal Pain & Ob/Gyn Emergencies
8. Suturing Techniques
9. Endocrine Emergencies

INPATIENT:

0%

OUTPATIENT:

100%

CONSULTATION:

0%

PRIMARY CARE:

100%

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: 37 - 38**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 1,375**TYPICAL WEEKLY SCHEDULE**

| Hour | Monday | Tuesday | Wednesday | Thursday | Friday |
|-----------|--|---|--|--|----------------------|
| AM | Attending Rounds Student Lectures Primary Patient Care | Trauma Conference Grand Rounds X-Ray Rounds Resident Conference M & M Primary Patient Care | Attending Rounds Primary Patient Care | Attending Rounds Primary Patient Care | Primary Patient Care |
| PM | Primary Patient Care | Primary Patient Care | Primary Patient Care | Primary Patient Care | Primary Patient Care |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Shifts are either 8 or 12 hours at UCLA and 0800 to 1600, 1600 to 2400, and 2400 to 0800 at OVMC, including weekends and overnights. Attendance at all conferences is mandatory regardless of rotating schedule.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: There will be ample opportunity to perform procedures (laceration repair, venous access, slit lamp examination, ENT procedures, etc.) The clinical experience will be supplemented through lecture, rounds, and formal conferences. Externs with an interest in Emergency Medicine encouraged. E-mail Mr. Murano with dates desired and postgraduate training interests.

EM320.02 EMERGENCY MEDICINE

Subinternship

Location: HARBOR

2013-2014

Revised: 12/10/12

COURSE CHAIR:

Wendy Coates, M.D.

PHONE #:

(310) 222-3501

E-MAIL: coates@emedharbor.edu**SUPPORTING FACULTY:**

Emergency Medicine Faculty

STUDENT COORDINATOR:

Lucy Hadley

PHONE #:

(310) 222-3501

E-MAIL: lehadley@emedharbor.edu**COURSE OBJECTIVES (in order of importance)**

1. Rapid and appropriate evaluation and treatment of the undifferentiated patient.
2. Improved history and physical examination skills.
3. Exposure to emergency medicine.
4. Improvement of techniques of suturing, resuscitation, IVs, LPs, and airway management.
5. Exposure to pre-hospital care and the paramedic system.
6. Enhance teamwork skills.

REPORT TO:Lucy Hadley Emergency Medicine Department Office, D9 at
8:00 a.m. (first day only)**COLLEGE AFFILIATION:** Acute Care**AVAILABLE FOR EXTERNS:** Yes**STUDENTS / PERIOD:** max 6 min 1**DURATION:** 3 Weeks**2013-2014 ROTATIONS BEGIN WEEKS:**

2, 5, 9, 13, 17, 21, 27, 31

DESCRIPTION: Harbor-UCLA Medical Center is a level 1 trauma center seeing more than 90,000 patients per year. Students assume primary responsibility for the care of trauma patients, critical medical and pediatric patients, orthopedic injuries, and other emergencies. Students function as an integral part of the Emergency Medical Team. They have the opportunity to experience the pre-hospital system and a community ED during this sub-internship.

STUDENT EXPERIENCES**COMMON PROBLEMS/DISEASES**

1. Chest pain
2. Dyspnea
3. Lacerations
4. Orthopedic injuries
5. Cutaneous infections
6. Altered mental status
7. Overdose
8. Abdominal pain
9. Trauma

INPATIENT:

0%

OUTPATIENT:

100%

CONSULTATION:

0%

PRIMARY CARE:

100%

CLOSE CONTACT WITH:

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- X OTHER: Nurses, paramedics

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 15 - 20**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 500**SAMPLE WEEKLY SCHEDULE**

| Hour | Monday | Tuesday | Wednesday | Thursday | Friday |
|-----------|---|---|--|---|---|
| AM | 7:00 - 9:00 Morning Rounds Patient Care | 7:00 - 9:00 Morning Rounds Patient Care | 7:00 - 9:00 Morning Rounds 9:00 - 3:00 Community ED Or 7:00 - 3:00 Procedure Shift Or 1:00 - 8:00 Paramedic Ride-Along 4:00 - 5:00 Evening Rounds | 7:30—12:45 DEM Conference Patient Care | 10:00 - 11:00 1st Fri of rotation Student Lecture 3rd Fri of rotation Case Presentation Patient Care |
| PM | Patient Care 4:00 - 5:00 Evening Rounds | Patient Care 4:00 - 5:00 Evening Rounds | | Patient Care 4:00 - 5:00 Evening Rounds | Patient Care 4:00 - 5:00 Evening Rounds |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Students spend 40 hours per week in the department, which includes weekend and night shifts.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Externs must enroll in the full 4 week experience. UCLA students are encouraged to enroll in the 4 week course in order to take advantage of enrichment experiences such as ride-alongs, nursing collaborative shifts, and the community experience.

EM320.03 EMERGENCY MEDICINE

Subinternship

Location: ST. MARY

2013-2014
Revised: 12/8/11**COURSE CHAIR:**
Dr. Chester Choi**PHONE #:**
(562) 491-9350**E-MAIL:** chester.choi@dignityhealth.org**SUPPORTING FACULTY:**
Emergency Room Staff**STUDENT COORDINATOR:**
Jeffrey Power**PHONE #:**
(562) 491-9350**E-MAIL:** Jeffrey.Power@dignityhealth.org**REPORT TO:**
Jeffrey Power at 9AM, Department of Medical Education, 3
West 1050 Linden Ave., Long Beach, CA 90813**COLLEGE AFFILIATION:** Acute Care**AVAILABLE FOR EXTERNS:** Yes**STUDENTS / PERIOD:** max 1 min 1**DURATION:** 3 weeks**2013-2014 ROTATIONS BEGIN WEEKS:**
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47**DESCRIPTION:** Students will initiate the evaluation and assessment of Emergency Medicine patients, discuss their findings and plans with the EM attending physician, and work directly with the emergency medicine healthcare team to carry out the diagnostic and treatment plans. The attending physician provides the primary teaching input with additional input from residents rotating in the department and consultants involved in the care of the patient in the Emergency Department. Emergency Medicine student shifts include 3pm-11pm, and 11pm-7am. Assignments will be determined on a weekly basis. A paramedic "ride-along" is also available (4 or 8 hour duration) at 22 different fire stations throughout L.A County.**STUDENT EXPERIENCES****COMMON PROBLEMS/DISEASES**

1. Major and minor trauma
2. Acute cardiac emergencies
3. Pulmonary edema
4. Acute respiratory emergencies
5. Orthopedic emergencies
6. Acute surgical abdomen
7. Complications of alcoholism
8. Upper gastrointestinal hemorrhage

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

CLOSE CONTACT WITH:

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 75**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 650**TYPICAL WEEKLY SCHEDULE**

| Hour | Monday | Tuesday | Wednesday | Thursday | Friday |
|-----------|---|---|---|---|---|
| PM | Emergency Room Activities ER Case Teaching | Emergency Room Activities ER Case Teaching | Emergency Room Activities ER Case Teaching | Emergency Room Activities ER Case Teaching | Emergency Room Activities ER Case Teaching |
| AM | Emergency Room Activities ER Case Teaching | Emergency Room Activities ER Case Teaching | Emergency Room Activities ER Case Teaching | Emergency Room Activities ER Case Teaching | Emergency Room Activities ER Case Teaching |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Five 8-hour shifts each week. Shifts are either afternoon (3 pm—11 pm) or night (11 pm—7 am).**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** Upon request, a paramedic "ride-along" can be arranged to observe a paramedic team during the course of their day. St. Mary Medical Center, 1050 Linden Avenue, Long Beach, CA 90813

EM320.06 EMERGENCY MEDICINE SUBINTERNSHIP

Subinternship

Location: KERN

2013-2014
Revised: 12/10/12

COURSE CHAIR:

Faried Banimahd, M.D.

PHONE #:

(661) 326-2160

E-MAIL: faried1000@yahoo.com

SUPPORTING FACULTY:

Drs. Dong, Sverchek, McPheeters, Heer, Winter, Amin, Tobias, Walsh, Banimahd, and Mroz

STUDENT COORDINATOR:

Marina Avalos-Kegley

PHONE #:

(661) 326-2115

E-MAIL: avalosm1@kernmedctr.com

REPORT TO:

Emergency Dept./Kern Med. Ctr., Bakersfield, CA at 8:00 a.m.

COLLEGE AFFILIATION: Acute Care

AVAILABLE FOR EXTERNS: No

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2013-2014 ROTATIONS BEGIN WEEKS:

By Arrangement

DESCRIPTION: Clinical exposure in the ED of a receiving county hospital/trauma center. Student responsible for initial H&P and management under senior resident and faculty supervision. Patients are unselected; all emergencies represented.

COURSE OBJECTIVES (in order of importance)

1. Recognition, evaluation, and management of emergency disease processes, including cardiopulmonary resuscitation.
2. Improved problem oriented history and physical examination.
3. Development of clinical judgment, synthesis of clinical and laboratory data.
4. Improvement of manual dexterity in performing emergency procedures.
5. Consideration of cost effective emergency care and health care access issues.
6. Interpretation of tests and special skills (e.g., lab tests, x-rays, CT scans, emergency ultrasound).
7. Medical record keeping.
8. Improving the doctor-patient relationship.
9. Utilization of Health Care team.
10. Improving oral presentation.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Resp. emergency: asthma, COPD
2. Cardiovasc: AMI, CHF, CPR
3. Blunt and penetrating trauma
4. Pediatric emergencies
5. Toxicology, coma
6. OB/GYN emergencies
7. Abdominal pain
8. Psychiatric emergencies

INPATIENT:

0%

OUTPATIENT:

100%

CONSULTATION:

0%

PRIMARY CARE:

100%

CLOSE CONTACT WITH:

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 20

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 1,125

TYPICAL WEEKLY SCHEDULE

| Hour | Monday | Tuesday | Wednesday | Thursday | Friday |
|------|----------------------|---|----------------------|---|----------------------|
| AM | Emergency Department | 8:00 - 10:00 Conference Emergency Department | Emergency Department | 8:00 - 10:00 Conference Emergency Department | Emergency Department |
| PM | Emergency Department | Emergency Department | Emergency Department | Emergency Department | Emergency Department |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: All students will have equal amounts of days, weekends, and evening shifts.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: All patients seen are presented to faculty who are in the ED 24 hours/day. Students function approx. at level of an intern. Housing, travel, and malpractice/health insurance are not provided by KERN. Students may elect to take any 8-hr shift, 24/hrs a day. A student handbook of core reading materials is provided at start of the rotation.

EM350.05 EMERGENCY MEDICINE

Subinternship

Location: WVA

2013-2014
Revised: 12/10/12**COURSE CHAIR:**

Carol Lee, MD

PHONE #:

(310) 268-3291

E-MAIL: Carol.Lee4@va.gov**SUPPORTING FACULTY:**

Drs. Neil Patel, Kwame Donkor, Jonathan Crisp, Jonie Hsiao, Gelareh Gabayan, and Frank Day

STUDENT COORDINATOR:

Christine Seydel

PHONE #:

(310) 268-3034

E-MAIL: christine.seydel@va.gov**REPORT TO:**

Emergency Room Wadsworth VA, Bldg 500

COURSE OBJECTIVES (in order of importance)

1. Exposure to emergency medicine.
2. Initial evaluation and management of the emergent undifferentiated patient.
3. Differential diagnosis of common presentations to the Emergency Department.
4. Appropriate usage of laboratory testing and imaging, based on concepts including the emergency medicine cognitive focus on excluding life-threatening illness, test-treat threshold, and evidence-based diagnostic algorithms commonly used in emergency medicine.
5. Procedural skills such as suturing, incision and drainage, paracentesis, airway management, resuscitation.
6. Exposure to team-based approach utilized in emergency care.

COLLEGE AFFILIATION: Acute Care**AVAILABLE FOR EXTERNS:** Yes**STUDENTS / PERIOD:** max 1 min 1**DURATION:** 3 weeks**2013-2014 ROTATIONS BEGIN WEEKS:**

2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

DESCRIPTION: This rotation allows 4th year students to be the patient's initial contact with the Emergency Department at the physician level. An emphasis is made upon rapid stabilization and assessment. There is close supervision by a full-time staff physician.**STUDENT EXPERIENCES****COMMON PROBLEMS/DISEASES**

1. Ischemic heart disease/chest pain
2. Acute respiratory distress
3. Altered mental status
4. Infection, sepsis
5. Drug overdoses
6. Abdominal pain
7. Hypertension
8. Complications of diabetes

INPATIENT:

0%

OUTPATIENT:

100%

CONSULTATION:

0%

PRIMARY CARE:

100%

CLOSE CONTACT WITH:

- X FULL-TIME FACULTY
- X CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- X OTHER: ER Nurses, Nurse Practitioners

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 15 - 20**TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE:** 500**TYPICAL WEEKLY SCHEDULE**

| Hour | Monday | Tuesday | Wednesday | Thursday | Friday |
|-----------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| AM | 8:15 – 9:00 Morning Report | 8:15 – 9:00 Morning Report | 10:00 – 12:00 Primary Patient Care | 8:15 – 9:00 Morning Report | 8:15 – 9:00 Morning Report |
| | 10:00 – 12:00 Primary Patient Care | 10:00 – 12:00 Primary Patient Care | | 10:00 – 12:00 Primary Patient Care | 10:00 – 12:00 Primary Patient Care |
| PM | 12:00 – 1:00 Noon Conference | 12:00 – 1:00 Noon Conference | 12:00 – 1:00 Noon Conference | 12:00 – 1:00 Noon Conference | 12:00 – 1:00 Noon Conference |
| | 1:00 – 5:00 Primary Patient Care | 1:00 – 5:00 Primary Patient Care | 1:00 – 5:00 Primary Patient Care | 1:00 – 5:00 Primary Patient Care | 1:00 – 5:00 Primary Patient Care |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:**ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:** This elective provides an excellent exposure to acute ambulatory medicine in the setting of an emergency room. The rotation emphasizes student autonomy and responsibility under the watchful eye of a resident and staff physician. The student will be allowed to initiate the first steps in patient stabilization and evaluation prior to hospital admission or further ambulatory management.