

Ronald Reagan UCLA Medical Center /Olive View-UCLA Medical Center Emergency Medicine Residency
Rotation Curriculum

Rotation Emergency Medicine (PGY1, PGY2, PGY3, PGY4)

Site Olive View-UCLA Medical Center (OVMC)
14445 Olive View Drive
Sylmar, CA 91324

Contacts

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Schedule

https://rm.verinform.com/pm/pm_start.phtml?db=ucla

Enter assigned user name and password. Under the "Schedules" section:

PGY1 Select "EMC Rotator Schedule"

PGY2-4 Select "Resident Schedule"

Shifts

OA 8:00 AM to 8:00 PM (This shift is covered by at least one senior resident.)

OP 8:00 PM to 8:00 AM (This shift is covered by at least one senior resident.)

The scheduling of shift is variable and averages 4.0 - 4.5 shifts per week in any given block. On average over four weeks, residents should not be scheduled for more than five shifts in seven days. Residents may not work more than 12 consecutive hours in the ED and must have the same time off duration of the shift prior to beginning the next assigned shift.

Description of Rotation

The OVMC EM rotation focuses on a county ED experience for residents. The patient population seen in the OVMC ED reflects the hospital's role as a county facility providing care to the medically indigent population of northern Los Angeles County. Common ED presentations such as myocardial infarction, stroke, and sepsis are intermixed with complex medical and surgical patients referred for specialty care.

Rotation Assignments

PGY1 – 12 weeks

PGY2 – 15 weeks

PGY3 – 17 weeks

PGY4 – 15 weeks

Responsibilities

The major duty of EM residents is to see patients on a primary basis. Additional responsibilities including teaching more junior trainees and managing the ED are added with each year of training. EM residents are directly supervised by EM faculty at all times. Daily morning rounds, directed by EM senior residents in conjunction with the EM faculty, provide an opportunity for bedside and didactic learning and teaching.

Goals and Objectives

Please refer to attached chart at the end of this document for more details.

Assessment:

Please refer to attached chart at the end of this document for more details.

GOALS AND OBJECTIVES	COMPETENCIES ADDRESSED	SKILL LEVEL				ASSESSMENT/EVALUATION TOOLS
		Introduction	Familiarity	Proficiency	Mastery	
1.0 SIGNS, SYMPTOMS, AND PRESENTATIONS						
Recognize the level of acuity of patients presenting the ED including critical, emergent, and low acuity.	PC,MK,SBP	PGY1		PGY2	PGY3	FE,IE,OE,NE
Prioritize sequence of physician tasks based on patient acuity. Physician tasks include: <ul style="list-style-type: none">• emergency stabilization• focused history and physical• diagnostic studies• therapeutic interventions including pharmacotherapy• observation and reassessment• consultation• disposition• documentation and• multi-tasking	PC,MK, SBP	PGY1	PGY2	PGY3	PGY3	FE,IE,OE,NE

• team management						
Able to risk stratify patients presenting with complaints including chest pain and shortness of breath using current evidence.	PC, MK, PBL	PGY1	PGY2	PGY3	PGY4	OE,FE,IE
Utilizes an evidenced based approach in the management of pediatric fever.	PBL,MK,PC	PGY1		PGY2	PGY3	FE,OE,IE
2.0 ABDOMINAL AND GASTROINTESTINAL DISORDERS						
Diagnosis and manage of acute abdominal presentations including: <ul style="list-style-type: none"> • appendicitis • diverticulitis • pancreatitis • biliary disease • abdominal aortic aneurysm 	PC,MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
3.0 CARDIOVASCULAR DISORDERS						
Recognize and manage patients requiring cardiac pacing.	PC,MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Diagnosis and management of acute coronary syndromes.	PC,MK,SBP	PGY1	PGY2	PGY3	PGY4	FE,IE,OE,NE
Manage patients with acute myocardial infarction with thrombolytics in settings without access to a 24 hour cardiac catheterization laboratory.	PC,MK,SBP		PGY1	PGY2	PGY4	FE,IE,OE
Recognize and manage presentations associated with congenital disorders of the cardiovascular system.	PC, MK,SBP	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Recognize and manage cardiac dysrhythmias including ventricular and supraventricular conduction disorders.	PC,MK, SBP	PGY1	PGY2	PGY3	PGY3	FE,IE, OE
Recognize and manage diseases of the myocardium including congestive heart failure, cardiomyopathy including ischemic cardiomyopathy, and myocarditis	PC,MK,SBP	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Recognize and manage hypertensive disease presenting to the ED including asymptomatic hypertension, and hypertensive emergency.	PC,MK,SBP	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
4.0 CUTANEOUS DISORDERS						

Recognize and manage common cutaneous disorders including: <ul style="list-style-type: none"> • skin cancer • decubitus ulcers • dermatitis, • infections • maculopapular lesions • vesicular lesions. 	MC,MK SBP	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
5.0 ENDOCRINE, METABOLIC, AND NUTRITIONAL DISORDERS						
Recognize and manage common endocrine and metabolic disorders including: <ul style="list-style-type: none"> • acid-base disturbances • adrenal diseases • fluid and electrolyte disturbances • complications of diabetes including diabetic ketoacidosis and hypoglycemia • thyroid disorders 	MC,MK,SBP	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
6.0 ENVIRONMENTAL DISORDERS						
Recognize and manage common environmental disorders including: <ul style="list-style-type: none"> • bites and envenomations • radiation emergencies • dysbarism • electrical injuries • high-altitude illness • submersion injuries • temperature related illness 	MC,MK,SBP	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
7.0 HEAD, EAR, EYE, NOSE, THROAT DISORDERS						
Recognize and manage common Head, Ear, Nose, and Throat disorders including: <ul style="list-style-type: none"> • ear foreign bodies • dental disorders • otitis media • otitis, externa • perforated tympanic membrane • epistaxis 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE

<ul style="list-style-type: none"> • sinusitis • Ludwig's Angina • sialolithiasis • parotitis • epiglottitis • pharyngitis, and retropharyngeal abscesses 						
Recognize and manage common traumatic and nontraumatic ophthalmologic presentations including: <ul style="list-style-type: none"> • conjunctivitis • corneal abrasions • foreign bodies • glaucoma • hyphema • iritis • orbital cellulitis • ruptured globe 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Perform ophthalmologic examination techniques including slit lamp examination, fundoscopy, and tonometry.	PC, MK	PGY1	PGY2	PGY3	PGY4	FE
8.0 HEMATOLOGIC DISORDERS						
Recognize and manage common hematologic disorders including: <ul style="list-style-type: none"> • transfusion reactions • sickle cell anemia • coagulation defects • thrombocytopenia • disseminated intravascular coagulation • anemia • methemoglobinemia • leukemia, and lymphoma 	P, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
9.0 IMMUNE SYSTEM DISORDERS						
Recognize and manage the manifestations and complications of Human Immunodeficiency Virus (HIV)	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE

Recognize and manage allergic reactions, anaphylaxis, angioedema and drug allergies	PC,MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Recognize and manage collagen vascular disorders including: <ul style="list-style-type: none"> • reactive arthritis • rheumatoid arthritis • scleroderma • systemic lupus erythematosus • vasculitis. 	PC,MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
10.0 SYSTEMIC INFECTIOUS DISORDERS						
Recognize and manage bacterial infections including: <ul style="list-style-type: none"> • sepsis • tuberculosis, • chlamydia and gonococcal infections • endocarditis, • syphilis • tetanus • meningococemia 	PC,MK	PGY1	PGY1	PGY3	PGY4	FE,IE,OE
Recognize and manage the manifestations of exposure to biologic weapons.	MC,MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Recognize and manage tick-borne illness including Lyme Disease and Rocky Mountain Spotted Fever,	MC,MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Recognize and manage viral infections including: <ul style="list-style-type: none"> • Mononucleosis • Influenz • Hantavirus • Herpes Simplex • Chicken pox and herpes zoster • Rabies • Roseola • Rubella 	MC,MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Recognize and manage protozoan infections including malaria and toxoplasmosis	MC,MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE

11.0 MUSCULOSKELETAL DISORDERS (TRAUMATIC AND NONTRAUMATIC)						
Recognize and manage common adult and pediatric orthopedic injuries including open and closed fractures, sprains and infections.	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Recognize and manage joint disorders including: <ul style="list-style-type: none"> • gout • septic arthritis • adult and juvenile rheumatoid arthritis • osteoarthritis 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Recognize and manage soft tissue infections including: <ul style="list-style-type: none"> • cellulitis • fasciitis • felon • paronychia • gangrene • tenosynovitis 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
12.0 NERVOUS SYSTEM DISORDERS						
Recognize and manage nervous system disorders including: <ul style="list-style-type: none"> • Bell's palsy • trigeminal neuralgia • multiple sclerosis • headache • Hydrocephalus • dementia • Parkinson's disease • pseudotumor cerebri • meningitis • myelitis • dystonias • Guillain-Barre syndrome • myasthenia gravis • peripheral neuropathy • seizure disorders including febrile seizures and status epilepticus 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE

• spinal cord disorders including compression						
Understands controversy and indications regarding the treatment of acute ischemic stroke with peripheral thrombolytic administration.	PC, MK,SBP, PBL	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
13.0 OBSTETRICS AND GYNECOLOGY						
Recognize and manage complications of pregnancy including: <ul style="list-style-type: none"> • Abortion • Ectopic pregnancy • Abruptio placentae • Placenta previa • Preeclampsia, eclampsia, and HELLP syndrome • Infections • Rh isoimmunization. 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Perform an emergency vaginal delivery including recognizing and managing complications including: <ul style="list-style-type: none"> • malposition of fetus • nuchal cord • prolapse of cord • endometritis • hemorrhage • uterine rupture 	PC,MK	PGY1	PGY2	PGY3		FE,IE,OE
Recognize and manage disorders of the female genital tract including: <ul style="list-style-type: none"> • pelvic inflammatory disease and tubo-ovarian abscess • ovarian cyst • ovarian torsion • Bartholin’s abscess • vaginitis • vaginal bleeding. 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
14.0 PSYCHOBEHAVIORAL DISORDERS						
Recognize and manage psychobehavioral disorders including:	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE

<ul style="list-style-type: none"> • alcohol dependence • eating disorders • acute psychosis • bipolar disorder • depression • suicide risk, • schizophrenia • drug-seeking behavior • anxiety disorder • delirium • dementia 						
Recognizes patterns of and utilizes appropriate resources in the management of of child abuse, intimate partner violence, elder abuse, and sexual assault	PC,MK,SBP	PGY1		PGY2	PGY3	FE,NE,OE
15.0 RENAL AND UROGENITAL DISORDERS						
Recognize and manage renal and urogenital disorders including: <ul style="list-style-type: none"> • acute and chronic renal failure • complications of hemodialysis • urinary tract infection including pyelonephritis • glomerulonephritis • nephrotic syndrome • prostatitis • benign prostatic hypertrophy and urinary retention • testicular torsion • Fournier’s gangrene • nephrolithiasis • balanitis • phimosis and paraphimosis • priapism 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
16.0 THORACIC-RESPIRATORY DISORDERS						
Recognize and manage pulmonary disorders including:	MK,PC	PGY1	PGY2	PGY3	PGY4	FE,IE,OE

<ul style="list-style-type: none"> • pulmonary embolism • pneumonia • pneumothorax • chronic obstructive pulmonary disease • asthma • airway foreign bodies • septic emboli • mediastinitis • pertussis • croup and bronchitis • pulmonary hypertension 						
17.0 TOXICOLOGIC DISORDERS						
<p>Recognize and manage patients with a suspected poisoning or overdose including:</p> <ul style="list-style-type: none"> • Acetaminophen • Alcohols • Anticoagulants • Anticonvulsants • Antidepressants • Antihistamines • Antipsychotics • Carbon monoxide • Cardiovascular drugs • Caustic Agents • Cocaine • Cyanides • Hallucinogens • Heavy Metals • Herbicides • Hydrocarbons • Iron, • Isoniazid • Lithium • Mushrooms • Neuroleptics • Opiates • Organophosphates • Salicylates 	MK,PC,SBP	PGY1	PGY2	PGY3	PGY4	FE,IE,OE

• Sedatives/Hypnotics						
18.0 TRAUMATIC DISORDERS						
Manage adult and pediatric traumatic resuscitations	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,NE,OE,PE,IE
Recognize and manage adult and pediatric traumatic disorders including: <ul style="list-style-type: none"> • abdominal penetrating and blunt injuries • thoracic blunt and penetrating injuries • pericardial tamponade • pneumothorax • facial fractures • dental fractures • genitourinary trauma • head trauma • spinal injuries • amputations 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE,OE
Stratify by severity and manage patients presenting with chemical, electrical and thermal burns. Initiates transfer to burn center when indicated.	SBP,MK,PC	PGY1	PGY2	PGY3	PGY4	FE,OE,IE
Understand the principles of Medical Direction and Triage during a Mass Casualty Incident	SBP,MK,PC	PGY2	PGY3			
PROCEDURAL SKILLS						
Perform ED trauma procedures including: <ul style="list-style-type: none"> • tube thoracostomy • lateral canthotomy • central venous access • thoracotomy • intraosseous venous access 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,OE,IE
Manage the patient with an uncomplicated	PC, MK	PGY1		PGY2	PGY3	FE,OE,IE

airway by endotracheal intubation.						
Manage the patient with an uncomplicated airway by endotracheal intubation. Manage the patient with the difficult airway using: <ul style="list-style-type: none"> • laryngeal mask airway techniques • fiberoptic laryngoscopy • gum elastic bugie • cricothyroidotomy 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,OE,IE
Perform rapid sequence intubation (RSI) including the use of paralytic and induction agents.	PC,MK	PGY1	PGY2	PGY3	PGY4	FE,OE,IE
Manage patients with non-invasive ventilation techniques including CPAP (Continuous Positive Airway Pressure) and BiPAP (Bi-level Positive airway Pressure)	PC,MK	PGY1	PGY2	PGY3	PGY4	FE,OE,IE
Close simple lacerations.	PC,MK		PGY1	PGY2	PGY4	FE
Close complex lacerations	PC,MK		PGY2	PGY3	PGY4	FE
Perform bedside Ultrasonography for indications including: <ul style="list-style-type: none"> • trauma (FAST) • biliary disease • hydronephrosis • vascular access • cardiac function • pericardial disease • deep vein thrombosis (DVT) 	PC, MK	PGY1	PGY2	PGY3	PGY4	FE,IE
INTERPERSONAL AND COMMUNICATION SKILLS						
Performs a focused EM history	PC, MK,C		PGY1		PGY2	FE,OE,
Communicates presentation effectively to attending physician.	PC, MK,C		PGY1		PGY2	FE,OE,
Communicates effectively with other members of the ED team including techs, nurses, scribes and clerks.	ICS			PGY1		FE,NE,PE
Utilizes translation services effectively when taking care of non-English speaking patient.	PC,ICS, SBP,P				PGY1	FE,PE,NE
Effectively communicates bad news including	ICS		PGY2	PGY3	PGY4	FE,NE,OE,PE

death telling.						
PROFESSIONALISM						
Maintain patient privacy and confidentiality in the ED.	P			PGY1		NE,PE,FE
Maintains professional standards for residents including promptness and proper dress in the ED.	P			PGY1		FE,NE,PE
SYSTEM-BASED PRACTICE SKILLS						
Understand and apply the principles of ED operations such as information management, patient throughput and crowding, safety and security.	SBP	PGY3	PGY4			FE,IE,PE
Utilize the LA Co Medical Alert (MAC) System to accept and transfer patients to and from the ED.	SBP	PGY1	PGY2	PGY3	PGY4	FE,NE,PE
Work efficiently in the ED to ensure efficient patient flow.	SBP	PGY1	PGY2	PGY3	PGY4	FE,NE,PE
Provides cost effective care in the ED when ordering diagnostic tests.	SBP, PBL	PGY1	PGY2	PGY3	PGY4	FE,PE,OE,NE
Effectively communicates patient hand-offs with ED residents at shift change, and in disposition of care to other services.	P, ICS, SBP			PGY1	PGY2	FE,PE,OE
Apply the principles of patient safety in the ED	SBP,PC		PGY1		PGY2	FE,IE
Utilizes available Los Angeles County Resources in providing follow-up from the ED for patients without access to Primary Care.	SBP			PGY1		FE,PE,NE
Teach medical students, and other residents in the ED.	ICS, MK		PGY1	PGY2	PGY4	FE,PE
Understand the principles of end-of-life care including advanced directives and palliative care.	SBP,PC,MK	PGY1	PGY2	PGY3	PGY4	FE,IE,NE,OE

PC Patient Care

MK Medical Knowledge

PBL Practice Based Learning and Improvement

ICS Communication

P Professionalism

SBP System Based Practices

IE In-service Examination

PE Peer Evaluation

NE Nursing Evaluation

OE Oral Examination

FE Faculty Evaluations