

**USC SCHOOL OF PHARMACY / LAC+USC MEDICAL CENTER
EMERGENCY MEDICINE / CRITICAL CARE PHARMACY RESIDENCY**

GOALS & OBJECTIVES and SUMMATIVE EVALUATION TRACKING FORM

RESIDENT:

	Residency Goals and Objectives	Rotation									Evaluations Quarterly				
		Learning Experience													
		Dates	7/19	8/16	9/27	11/8	1/3	2/14	3/28	5/16	6/20				
		Experience Period	#1	#2	#3	#4	#5	#6	#7	#8	#9	Q1	Q2	Q3	Q4
S1	Take personal responsibility for attaining excellence in one's own ability to provide pharmaceutical care in EM and ICU patients.														
	· Display initiative in preventing, identifying, and resolving pharmacy-related patient care problems														
	· Choose daily activities so that they reflect a priority on the delivery of pharmaceutical care.														
	· Choose daily activities so that they reflect the pursuit of expertise in the development of pharmaceutical care problem-solving skills.														
S2	Demonstrate ethical conduct in all activities related to pharmacy practice in emergency medicine and critical care.														
S6	Maintain active involvement in local, state, and national emergency medicine organizations and pharmacy organizations:														
	· Demonstrate an awareness of the importance of membership in pharmacy organizations by being actively involved in local, state and national pharmacy association														
S7	Work harmoniously with others on interdisciplinary or multidisciplinary teams.														
	• Contribute the emergency /critical care pharmacy perspective effectively when working on either an interdisciplinary or multidisciplinary team.														
	• Explain the functions of each health care profession that might contribute to an interdisciplinary or multidisciplinary team caring for the emergency medicine / critically ill patient.														
	• Explain how urgency impacts the communication patterns of teams caring for emergency medicine / critically ill patients.														

	<ul style="list-style-type: none"> • Explain situations in which the emergency medicine / critical care pharmacist may need to 'earn' credibility with the emergency medicine and/or critical care 'team'. 																			
S8	Use an organized system for staying current with primary literature																			
	<ul style="list-style-type: none"> • Formulate a system for staying current with pertinent literature 																			
S9	Communicate clearly when speaking or writing																			
	<ul style="list-style-type: none"> • Organize all written or oral communication in a logical manner 																			
	<ul style="list-style-type: none"> • Address all communication at the level appropriate for the audience 																			
	<ul style="list-style-type: none"> • Use correct grammar, punctuation, spelling, style, and formatting conventions in preparing all written communication 																			
	<ul style="list-style-type: none"> • Use public speaking skills to speak effectively in large and small group situations 																			
	<ul style="list-style-type: none"> • Use effective strategies for communicating with patients who are non-English speakers or who are impaired (e.g., blind, deaf, cognitively impaired, illiterate). 																			
S10	Maximize work efficiency through the use of computers																			
	<ul style="list-style-type: none"> • Effectively use computers to increase efficiency in performing practice responsibilities. 																			
S11	Solve practice problems efficiently																			
	<ul style="list-style-type: none"> • Demonstrate consistent use of a systematic approach to problem solving 																			
	<ul style="list-style-type: none"> • Use consensus building-skills. 																			
S13	Display compassion for emergency medicine patients and their family members																			
S18	Design and execute investigations of issues related to emergency medicine pharmacy practice																			
	<ul style="list-style-type: none"> • Design an investigation of an issue related to emergency medicine pharmacy practice 																			
	<ul style="list-style-type: none"> • Execute an investigation into an issue related to emergency medicine pharmacy practice that follows the established design 																			
S22	Present oneself as an assertive member of the profession.																			
	<ul style="list-style-type: none"> • Present pharmacy concerns, solutions, and interests in an assertive manner. 																			
S23	Manage time effectively to fulfill practice																			

	responsibilities													
	<ul style="list-style-type: none"> Effectively use time management skills to fulfill practice responsibilities. 													

Direct Patient Care

Providing Quality Patient Care Using a Pharmacy Practice Methodology

P1	Conduct direct patient care activities using a consistent approach that reflects the philosophy of pharmaceutical care and that is performed with efficiency and depth of experience characteristic of a seasoned pharmacist in emergency medicine and critical care													
	<ul style="list-style-type: none"> Devise efficient strategies for one's own direct patient care activities that maximize the delivery of appropriate pharmaceutical care to each emergency medicine patient within a limited time frame 													
	<ul style="list-style-type: none"> Formulate solutions to complex patient care problems that maximize the achievement of pharmaceutical care to emergency medicine patients 													
P2	Design, recommend, monitor, and evaluate patient-specific pharmacotherapy for emergency medicine patients													
	<ul style="list-style-type: none"> Build the information based needed to design a pharmacotherapeutic regimen for a emergency medicine patient 													
	<ul style="list-style-type: none"> Collect and organize all patient-specific information needed by the emergency medicine and critical care pharmacist to prevent, detect, and resolve medication-related problems and to make appropriate pharmacotherapy recommendations 													
	<ul style="list-style-type: none"> Identify the types of information the emergency medicine and critical care pharmacist requires to prevent, detect, and resolve medication-related problems and to make appropriate pharmacotherapy recommendations. 													
	<ul style="list-style-type: none"> Explain the importance of considering the function of multiple organ systems when collecting information on emergency medicine and critically ill patients. 													
	<ul style="list-style-type: none"> Explain signs and symptoms, epidemiology, risk factors, pathogenesis, natural history of disease, pathophysiology, clinical course, etiology, and treatment of diseases commonly encountered in the emergency medicine and critical care environment as listed in Appendix A. 													

	<ul style="list-style-type: none"> • Implement the pharmacotherapeutic regimens and/or corresponding monitoring plans for emergency medicine patients 													
	<ul style="list-style-type: none"> • When appropriate, write the orders for a pharmacotherapeutic regimen for an emergency medicine and critically ill patient according to the health system's policies and procedures. 													
	<ul style="list-style-type: none"> • When appropriate, write the orders for tests required for an emergency medicine and critically ill patient's monitoring plan according to the health system's policies and procedures. 													
	<ul style="list-style-type: none"> • Redesign pharmacotherapeutic regimens and corresponding monitoring plans for emergency medicine patients based on evaluation of the monitoring data 													
	<ul style="list-style-type: none"> • Accurately interpret the meaning of each parameter measurement for an emergency medicine and critically ill patient. 													
	<ul style="list-style-type: none"> • Modify an emergency medicine and critically ill patient's pharmacotherapeutic plan as necessary based on evaluation of monitoring data. 													
	<ul style="list-style-type: none"> • Collect outcome data based on the patient's response to therapy. 													
P4	Provide medication-use education to patients and caregivers.													
	<ul style="list-style-type: none"> • Use effective patient education techniques to provide counseling to patients and caregivers, including information on drug therapy, adverse effects, compliance, appropriate use, handling, and drug administration. 													
P5	Ensure continuity of pharmaceutical care of patients transferring in or out of the emergency medicine setting													
	<ul style="list-style-type: none"> • Use a systematic approach to communicate pertinent pharmacotherapeutic information about a emergency medicine patient as he or she transfers in or out of the emergency department and intensive care unit setting. 													
P6	Document pharmaceutical care activities appropriately													
	<ul style="list-style-type: none"> • Appropriately select pharmaceutical care activities for documentation. 													
	<ul style="list-style-type: none"> • Use effective communication practices when documenting a pharmaceutical care activity 													

P8	Participate in the health system's process for assessing, managing, and reporting medication errors.																		
	• Formulate a plan of care for patients who have experienced a significant medication error.																		
P9	Participate in the management of medical emergencies																		
	• Exercise skill as a team member in the management of medical emergencies using ACLS guidelines																		
	• Exercise skill as a team member in the management of medical emergencies as exhibited by practical knowledge and skill in medical emergencies listed in Appendix A.																		
P11	Assume responsibility for the health system's ongoing adherence to its medication-use policies																		
	• Demonstrate leadership in ensuring the health system's adherence to its medication-use policies																		
Providing Drug Information and Medication Use Education																			
I1	Provide, concise, applicable, and timely responses to requests for emergency medicine drug information from health care providers																		
I3	Provide educational programs and in-services for other health care professionals on emergency medicine issues																		
	• Design effective educational programs for other health care professionals on emergency medicine issues																		
	• Use effective educational techniques to deliver educational program to other health care professionals on emergency medicine issues																		
Participating in Developing and Evaluating Medication Use Policies																			
I4	Participate in the health system's formulary process for pharmacotherapeutic agents used in emergency medicine and critically ill patients																		
	• Prepare monographs for pharmacotherapeutic agents used in emergency medicine and critically ill patients to make formulary status recommendations																		
	• Make recommendations for pharmacotherapeutic class decisions based on comparative reviews concerning the emergency medicine and critical care population																		
	• Explain the heightened expectations of a specialist's presentation of formulary recommendations																		
I5	Participate in the medication-use evaluation (MUE) or Quality Assurance (QA) program in a health system.																		

I6	Understand the process for developing or revising policies for assessment, management, prevention, and reporting adverse drug reactions												
	· Explain factors to consider when developing or revising policies for assessing, managing, preventing, and reporting adverse drug reactions (ADRs).												
Practice Management													
M3	Understand documentation strategies that can be utilized to justify emergency medicine pharmacy services												
	· Explain documentation strategies that can be utilized to justify emergency medicine and critical care pharmacy services.												
M4	Develop a program to enhance emergency department (or critical care) pharmacy services, implement the program and monitor its progress.												
	· Develop an effective proposal for a new emergency medicine pharmacy service												
	· Formulate strategies that result in the effective implementation of a new emergency medicine pharmacy service												
M6	Evaluate and make appropriate modifications to existing drug distribution systems in emergency department and intensive care unit environments												
	· Appraise the effectiveness of an existing drug distribution system in a particular emergency department and intensive care unit environment												
	· Write a new or revise an existing departmental policy and/or procedures to rectify deficiencies in a particular emergency medicine and intensive care unit drug distribution system												
M7	Provide instruction to pharmacy technicians, pharmacy students, pharmacy residents, or pharmacists												
	· Design effective education for pharmacy technicians, pharmacy students, pharmacy residents, or pharmacists												
M8	Perform prospective and retrospective financial clinical outcomes analyses in emergency medicine patients to support formulary recommendations, therapeutic guideline development, or patient-specific decisions												

	· Explain several methods used to monitor and evaluate the cost of therapy.												
	· Contribute to a prospective financial clinical outcomes analysis												
	· Contribute to a retrospective financial/clinical outcome analysis												
	PROGRAM DIRECTOR'S INITIALS (Indicates evaluation and discussion)												
	RESIDENT'S INITIALS (Indicates evaluation and discussion)												

CPWU REPORTS

	Rotation 1	Rotation 2	Rotation 3	Rotation 4	Rotation 5	Rotation 6	Rotation 7	Rotation 8	Rotation 9
Date Submitted									
Total #									

SNAPSHOTS

Rotation 1	Rotation 2	Rotation 3	Rotation 4	Rotation 5	Rotation 6	Rotation 7	Rotation 8	Rotation 9

PRECEPTOR / ROTATION EVALUATIONS

Rotation 1	Rotation 2	Rotation 3	Rotation 4	Rotation 5	Rotation 6	Rotation 7	Rotation 8	Rotation 9

PROJECT

Proposal Title	IRB Submission/Revisions/Approval	Data Collection	Abstract (Date Submitted/Mtg)	Manuscript Submission

ARTICLE SUBMISSION TO PEER-REVIEWED JOURNAL

Title	Draft	Manuscript