

Clinical Rotation Summary

Rotation	MICU						
Institution	Regions Hospital			Duration of rotation: 4-weeks			
Year of training	EM1	✓	EM2	✓	EM3		EM4
Rotation Liaison: Petr Bachan, MD Petr.x.bachan@healthpartners.com				Contact: Alicia Dykstra, NP Alicia.c.dykstra@healthpartners.com			
Educational objectives:							
<ol style="list-style-type: none"> 1. Demonstrate appropriate knowledge and skills to evaluate and stabilize the acutely ill medical patient. (PC, MK) 2. Learn to evaluation and manage a wide variety of diseases encountered in the MICU such as: severe sepsis and septic shock, acute respiratory distress syndrome (ARDS), severe alcohol withdrawal, drug overdose, acute myocardial infarction, cardiac arrest, acute renal failure, heart failure and cardiogenic shock, status asthmaticus, status epilepticus, gastrointestinal bleeding. (PC, MK, PBL) 3. Provide supportive care, with a focus on sedation and analgesia, mechanical ventilation, invasive hemodynamic monitoring, nutritional support, rapid resuscitation, therapeutic hypothermia, comfort measure and end of life care, conducting family meetings. (PC, MK) 4. Perform procedures including central venous catheter insertion, arterial line insertion, thoracentesis, lumbar puncture, point of care ultrasound and echocardiography. (PC, MK) 5. Develop an understanding of some of the psychosocial and ethical problems confronting the medical intensive care unit patient and their families. (PC, MK, IP+C) 6. Demonstrate the knowledge and skills to interact effectively with consulting services (IP+C, P, SBP) 							
Description of clinical experiences:							
<p>Residents are assigned to work as a member of the MICU service for a 4-week period during their PGY-1 and PGY-2 years. Residents will have the opportunity to participate on the Code Team The EM-2 resident will function as the senior resident on one of the MICU/ teams. Residents will have the opportunity to direct cardiac resuscitations. The on-call team participates in rapid response and Code calls. They will also have the opportunity to initiate medical resuscitations (including the use of various procedural skills) and participate in decisions regarding definitive care under the supervision of the pulmonary fellow, or attending staff.</p>							
Description of didactic experiences:							
<p>The medicine conferences include morning report and noon grand rounds. The residents are expected to attend the weekly emergency medicine educational conferences. (PBL, SBP)</p>							
Evaluation process:							
<p>Residents will receive a written evaluation through New Innovations after completing the MICU rotation. Residents are evaluated on their knowledge base, procedural skills, and their facility in communicating with patients, family, and other medical personnel. Residents should log the procedures they perform in the New Innovations system</p>							
Feedback mechanisms:							
<p>Several times during the year the resident meets with their EM advisor. In addition, the program director will meet with each resident two times each year to review the department evaluation of the resident. More immediate feedback will be provided during clinical activities by MICU faculty on duty, or ED faculty.</p>							
Schedule and hours:							
<p>Mon-Sun, every other day long call (6a-7p), opposite days short call (6a to end of rounds); 1 day off in 7.</p>							
Rosh Review: G1-systemic infections and thoracic/respiration; G2-self-assigned questions							