

HCMC FAMILY MEDICINE RESIDENCY PROGRAM

G3 Medical Subspecialties

GOALS AND OBJECTIVES

Patient Care

Objectives:

By the end of the rotation, the G3 resident will:

- Understand a comprehensive assessment of adult patients and perform this assessment
- Synthesize a differential diagnosis for patients presenting with medical problems associated with the endocrine, pulmonary or rheumatologic system
- Diagnose and manage common diseases and problems encountered in Endocrinology, Rheumatology and Pulmonology
- Effectively and efficiently use laboratory tests and imaging modalities to diagnose and treat patients
- Consistently use a systematic approach to clinical problem solving and determining therapeutic options
- Incorporate emotional and behavioral factors into the treatment of patients
- Teach procedures, essential to adult medicine including but not limited to: Thyroid test interpretation, ABG interpretation, Chest x-ray interpretation, Pulmonary function test interpretation, joint aspiration and fluid analysis

ENDOCRINE

Medical Knowledge

Objectives:

By the end of training , the G3 resident will be expected to demonstrate knowledge in Endocrinology :

Subject Area	Competency	Primary Resources	Additional Resources
Diabetes	Ability to diagnose and treat Types 1 and 2 Diabetes	<u>Diabetes: Type 2</u>	
Diseases of the thyroid and parathyroid	Ability to diagnose and treat : Hyperthyroidism: Hypothyroidism. Thyroiditis.	<u>Thyroid and Parathyroid Disorders</u>	
	Thyroid nodule. Ability to initiate work-up and know when to refer		
	Understand potential etiologies , work up and can initiate treatment Hyperparathyroidism. Hypercalcemia . Hypocalcemia.		
Disease of the adrenal	Cushing's and syndrome. Ability to workup. Know		

	<p>treatment and when to refer Addison's disease . Understand how to diagnose and treat</p> <p>SIADH. Understand potential etiologies , work up and can initiate treatment</p>		
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PULMONOLOGY

Objectives:

By the end of training, the G3 resident will be expected to demonstrate these skills in Pulmonary Medicine:

Subject Area	Competency	Primary Resources	Additional Resources
Asthma.	Able to diagnose, classify severity and treat	<u>Asthma</u>	
COPD.	Able to diagnose and treat both chronic disease and acute exacerbations	<u>Chronic Obstructive Pulmonary Disease</u>	
Community Acquired Pneumonia.	Able to list the etiologies, can diagnose and treat	<u>Pneumonia</u>	
Tuberculosis.	Able to interpret skin testing, diagnose and discuss management of active and latent infection		
Chronic Cough.	Know the common etiologies and can initiate treatment		
Smoking Cessation.	Counseling Can articulate modalities for treatment		
Pleural Fluid Analysis.	Know indications for analysis, and diagnostic criteria for transudates and exudates		
Obstructive Sleep Apnea.	Understand diagnosis and treatment		
Pulmonary Function Testing.	Know indications for testing, and can interpret results		
Pulmonary Embolism		<u>Deep Venous Thrombosis and Pulmonary Embolism</u>	

CARDIOLOGY

By the end of training, the G3 resident will be expected to demonstrate these skills in Cardiology

Subject Area	Competency	Primary Resources
EKG reading.	Able to interpret adult EKGs	http://ecg.bidmc.harvard.edu/maven/mavenmain.asp http://ecg-interpretation.blogspot.com/ ECG Interpretation Blog Ken Grauer, MD (Professor Emeritus of Family Medicine) is well known to the AAFP for. FREE Educational ECG Interpretation Blog
Dysrhythmias.	Identify types and initiate therapy	<u>Atrial Fibrillation</u>
Cardiomyopathy.	Identify, examine and refer as needed	
Cardiac risk factors.	Able to identify diet, exercise and lifestyle recommendations for at-risk patients	http://hp2010.nhlbihin.net/atpiii/calculator.asp
Congestive Heart Failure.	Able to initiate diagnostic workup and treatment	<u>Heart Failure</u>
Hypertension.	Able to identify type and treatment including lifestyle and medications	<u>Hypertension</u>
Infectious Cardiac Disease.	Able to diagnose and initiate treatment	
Peripheral vascular disease.	Able to diagnose and initiate treatment	
Valvular Heart disease.	Able to identify appropriate treatment , follow up and referral	
Exercise Stress Treadmill		
Coronary Heart disease		<u>Coronary Artery Disease/Coronary Heart Disease</u>
		<u>Hyperlipidemia</u>

Practice-Based Learning and Improvement

Objectives:

By the end of the rotation, the G3 resident will:

- Understand when it is appropriate to consult a sub specialist
- Use self-reflection to incorporate feedback
- Give appropriate feedback to superiors, peers and subordinates
- Make appropriate and timely referrals
- Explain complicated medical conditions to patients at the appropriate level

Systems-Based Practice

Objectives:

By the end of the rotation, the G3 resident will:

- Advocate for ordering cost-effective tests and labs
- Incorporate cost-effective techniques in prescribing medication safely
- Organize and lead multidisciplinary care team meetings
- Formulate a plan for effective patient advocacy

Professionalism

Objectives:

By the end of the rotation, the G3 resident will:

- Consistently incorporate sensitivity to cultural differences into treatment plans
- Apply the patient's perception of illness to appropriate care
- Incorporate patient's preferences when formulating a plan of care
- Vigorously defend a patient's privacy

Interpersonal and Communication Skills

Objectives:

By the end of the rotation, the G3 resident will:

- Demonstrate independence and promptness in completing medical records
- Consistently communicate effectively with patients and family
- Use interpreters effectively and efficiently
- Model effective communication with consultants, team members and members of the allied health team