

## HCMC FAMILY MEDICINE RESIDENCY PROGRAM

# G3 Surgical Subspecialties

## ROTATION GOALS AND OBJECTIVES

### Patient Care

**Objectives:**

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

- Understand a comprehensive assessment of surgical patients and perform this assessment
- Synthesize a differential diagnosis for patients presenting with medical problems associated with Urology, ENT, Ophthalmology and Oral Health
- Diagnose and manage common diseases and problems encountered in Urology, ENT, Ophthalmology and Oral Health
- 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
- Perform procedures including but not limited to: catheterization, laryngoscopy and slit lamp evaluation

## UROLOGY

### Medical Knowledge and Skills

**Objectives:**

**By the end of the rotation, the G3 resident will be able to manage the following conditions**

Online resources

<http://www.auanet.org/content/education-and-meetings/med-stu-curriculum.cfm>

[What is Urology?](#)

Subject Area	Objective	Primary resources
<b>URINARY TRACT</b>		
	Diagnose and treat uncomplicated acute cystitis	<a href="#">Pediatric UTI</a> <a href="#">Adult UTI</a>
Urinalysis	Able to perform and interpret results	
Urolithiasis.	Able to diagnose, work-up, initiate treatment, and when to refer	<a href="#">Urinary Stones</a>
Hematuria	Understand etiologies and work-up of microscopic hematuria	<a href="#">Hematuria</a>
Urethral Stricture.	Able to diagnose	
<b>PROSTRATE</b>		
	Perform a prostate exam to	<a href="#">Prostate Cancer/PSA</a>

	<p>determine if it is enlarged , nodular or infected</p> <p>Manage benign prostatic hypertrophy and understand the role of medications and surgery in treating symptoms</p> <p>Able to diagnose prostatitis and implement treatment options</p> <p>Prostate Cancer Understand the treatment options for prostate cancer</p> <p>Role of PSA testing</p> <p>Understand the evidence-based PSA testing recommendations</p>	
<b>SCROTUM</b>		
	<p>Examine a scrotum and know the anatomy .Able to examine scrotal contents and know the anatomy within</p> <p>Acute scrotum. Able to examine and diagnose etiology of acute scrotal pain</p>	<a href="#">Acute Scrotum</a>
<b>CANCER</b>		
Testicular Cancer	Able to diagnose	
Renal Cancer	Able to order the appropriate studies in the work-up of renal cancer	
Bladder Cancer	Able to order the appropriate studies	
<b>INCONTINENCE</b>		
Urinary Incontinence	Understand the etiologies of urinary incontinence, work-up and treatment options	<a href="#">Incontinence</a>
<b>OTHER KEY TOPICS</b>		
Male infertility.	Understand etiologies and work-up of male infertility	
Venereal Warts	Able to diagnose and know treatment	
Erectile Dysfunction.	Understand the etiologies of ED and treatment options based on the etiology	<a href="#">ED</a>
Urethral catheterization.	Able to perform urethral catheterizations	<a href="#">Male Urethral Catheterization</a>

Female exam		<a href="#">Female Genitourinary Exam</a>
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## OTOLARYNGOLOGY

### Medical Knowledge and Skills

<b>Objectives:</b>		
<b>By the end of the rotation, the G3 resident will be able to manage the following conditions</b>		
Online resource: <a href="http://www.entnet.org/EducationAndResearch/COOL.cfm">http://www.entnet.org/EducationAndResearch/COOL.cfm</a>		
Subject Area	Description of Competency	Primary Resource
<b>EAR</b>		
Audiology.	When to refer to an audiologist	
Otitis Media .	How to diagnose, treat and when to refer	
Ventilation tubes .	Know risks and benefits; Recognize when they are malfunctioning	
Otitis Externa	Recognize and treat	
Cerumen impaction.	Be able to recognize; know treatment options; know how to irrigate properly	
Tinnitus.	Take a proper history; know treatment options	<a href="#">Tinnitus</a>
Hearing loss.	Know various types and how to diagnose and make treatment options	
Vertigo.	Know how to diagnose and treat	
		<a href="#">Bloody Otorrhea</a>
		<a href="#">Otagia</a>
<b>NOSE AND SINUS</b>		
Use and Misuse of Nasal Sprays	Know proper way to use steroid nosesprays; know how to recognize and treat rhinitis medicamentosum	<a href="#">Nasal Obstruction</a>  <a href="#">Office Management of Nasal Congestion</a>
Allergic rhinitis	Know how to recognize and take a proper history; know various treatment options	<a href="#">Allergic Rhinitis</a>
Sinusitis	Know how to diagnose and treat acute, subacute and chronic sinusitis	<a href="#">Management of Acute Rhinosinusitis</a>
Epistaxis	Know treatment options of anterior nose bleeds; Be able to recognize posterior nose bleed	<a href="#">Management of Epistaxis</a>

	and to place a nasal packing to temporize bleeding	
Nasal Trauma	How to exam the nasal passage and read nasal films; When to refer for nasal fracture	Facial Soft Tissue Trauma Nasal Trauma
Facial palsies	Be able to recognize the various types of palsies and be aware of treatment and	
Sore Throat.	How to take a proper history and do a good exam; Have an appropriate differential diagnosis and know how to treat the various causes	Chronic Cough Oral Lesions Pharyngitis Reflux
Peritonsillar abscess.	Be able to recognize and know when to refer to ENT	
Tonsillectomy.	Know criteria/indications for tonsillectomy	
Hoarseness.	Know how to treat and when to pursue further evaluation	Hoarseness/Laryngeal Neoplasms
TMJ Dysfunction	Know how to diagnose and know treatment options	
Dysphagia.	Be able to take a proper history and know how to evaluate	Dysphagia
Salivary Gland Swelling.	Be able to proper exam and know differential diagnoses	
Croup/Epiglottitis.	Know how to differentiate between the two and when to consult ENT	Pediatric Stridor
Neck Masses .	Know how do a proper exam and how to initiate a workup	An Approach to the Adult Patient with Neck Mass Management of the Thyroid Nodule
Online resources <a href="http://www.entnet.org/EducationAndResearch/COOL.cfm">http://www.entnet.org/EducationAndResearch/COOL.cfm</a>		

## OPHTHALMOLOGY

### Medical Knowledge

#### Objectives:

**By the end of the rotation, the G3 resident will be able to manage the following conditions**

Online resource:

Ophthalmology Curriculum with Slides and Cases

<http://www.kellogg.umich.edu/theeyeshaveit/index.html>

Subject Area	Description of Competency	Primary Resource
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<u>Principal ophthalmic conditions</u>		
Conjunctivitis. Able to diagnose and treat Blepharitis Hordeolum. Chalazion. Corneal Abrasion. Uveitis. Able to initiate work-up and know when to refer	Able to diagnose and treat	<a href="#">Principal Ophthalmic Conditions</a>
Strabismus.	Able to recognize and know treatment	
The Red Eye	Understand potential etiologies and can initiate treatment or referral	<a href="#">The Red Eye</a>
	Can perform Dilated Eye Exam	
	Can recognize and find: optic disc, fovea, blood vessels	<a href="#">Anatomy of the Visual System</a> <a href="#">Optic Fundus Signs</a>
Glaucoma.	Understand how to diagnose and treat	
Macular Degeneration	Understand how to diagnose and treat	
Common Eye Emergencies		<a href="#">Ophthalmic Trauma</a> <a href="#">Visual Symptoms</a> <a href="#">Other Symptoms and Signs</a> <a href="#">Principal Ophthalmic Conditions</a>
Online resource <b>Ophthalmology Curriculum with Slides and Cases</b> <a href="http://www.kellogg.umich.edu/theeyeshaveit/index.html">http://www.kellogg.umich.edu/theeyeshaveit/index.html</a>		

## ORAL HEALTH

### **Medical Knowledge and skills**

Review the instructional modules on [smiles for life oral health curriculum](#)

Adult oral health modules:  
[adult oral health](#)

### **Medical Knowledge**

#### **Objectives:**

**By the end of the rotation, the G3 resident will be able to manage the following conditions**

- **Perform Adult Oral Examinations and manage common adult oral conditions**

## **Practice-Based Learning and Improvement**

### **Objectives:**

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

- Differentiate between conditions requiring urgent versus elective care
- 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

June 2015