



Pediatrics - Outpatient Curriculum

PGY: 1, 2

NGMC- Family Medicine Residency Program
Gainesville, Ga

Description of Rotation:

This is a four-week block pediatric outpatient experience with direct supervision by an attending pediatrician. Four weeks will be completed during PGY-1 and four weeks will be completed in PGY-2. Supplemental longitudinal learning in the FMP supervised by Family Physician Faculty is also expected. Residents will see pediatric patients in an outpatient setting. The resident will become competent and/or familiar with the appropriate evaluation and/or management of patients with pediatric syndromes/disease processes.

Overall Goal of Pediatric Outpatient PGY 1, 2 Rotation:

Residents will learn to provide evidence-based, compassionate, comprehensive pediatric outpatient care for children when they are sick/well. They will be able to complete history taking and perform a complete age-appropriate physical examination from newborn assessment through adolescent care. When appropriate, residents will obtain information from collateral resources. Residents will be competent in synthesizing an appropriate diagnosis and treatment plan for common pediatric conditions from infancy through adolescence. Developing patient-centered treatment plans for adolescents based on comprehensive, risk-based assessments that consider the cultural, linguistic, and socioeconomic background of adolescent patients will be achieved by residents. Residents will become proficient in the examination of well childcare (infants to adolescents), including screening, growth and development, immunizations, anticipatory guidance, and common minor concerns, working under close supervision. They will learn how to approach common problems/ sick call visits in the pediatric patient presenting in the office setting and develop a plan of action that attends to pertinent medical and psychosocial needs of the patient and family.

Rotation Location(s): The Longstreet Clinic (TLC): Braselton, Oakwood and Gainesville Locations

TLC – Gainesville
725 Jesse Jewell Pkwy SE
Suite 100, First Floor
Gainesville, GA 30501

TLC – Braselton
1270 Friendship Rd, Suite 210
Braselton, GA 30517

TLC - Oakwood
4019 Executive Dr
Oakwood, GA 30566

Preceptor(s): Katie Herzog, MD Megan Farley, MD Saima Hussain, MD
Mujtaba 'Mitch' Sheikh, MD Katherine Bergdale, CPNP

Sample PGY1 Rotation Schedule

M	T	W	TH	F	Sat	Sun
Peds Outpatient Clinic	Peds Outpatient Clinic	Peds Outpatient Clinic	FM peds clinic	Peds Outpatient Clinic	Covering IP	Off
Peds Outpatient Clinic	FM Clinic	Didactic Half Day	FM Peds Clinic	Peds Outpatient Clinic	Covering IP	Off

Sample PGY2 Rotation Schedule

M	T	W	TH	F	Sat	Sun
Peds Outpatient Clinic	Peds Outpatient Clinic	FM Clinic	FM clinic	Peds Outpatient Clinic	Covering IP	Off
Peds Outpatient Clinic	Peds Outpatient Clinic	Didactic Half Day	FM clinic	FM Peds Clinic	Covering IP	Off



Patient Care:	
PGY level	By the end of the rotation:
1-2	Recognize medical emergencies in the pediatric population while in the outpatient setting (PC-1/3)
1-2	Identifies and accesses appropriate clinical guidelines to develop and implement plans for management of chronic conditions (PC-2/2)
2	Identifies barriers and alternatives to preventive health tests, with the goal of shared decision making (PC-3/3)
1-2	Develops a differential diagnosis for patients with undifferentiated illness (PC-4/2)
2	Counsel's patients about expectations for common procedures performed by family physicians and consultants (PC-5/2)

Medical Knowledge Objectives and Competencies:	
PGY level	By the end of the rotation:
1-2	Applies knowledge of pathophysiology with intellectual curiosity for treatment of patients with common conditions (MK-1/2)
1-2	Engages in learning behavioral strategies to address patient care needs (MK-1/3)
2	Develops an analytic, prioritized differential diagnosis for common presentations (MK-2/2)
2	Develops a prioritized differential diagnosis for complex presentations (MK-2/3)

Interpersonal and Communication Skills:	
PGY level	By the end of the rotation:
1	Establishes a therapeutic relationship in straightforward encounters using active listening and clear language (C-1/2)
2	Sensitively and compassionately delivers medical information, managing patient/family values, goals, preferences, uncertainty, and conflict (C-1/3)
1	Communicates information effectively with all health care team members (C-2/2)
2	Checks understanding of consult recommendations (received or provided) (C-2/3)
2	Present information concisely and clearly both verbally and in writing on patients. (C-3/2)

Systems Based Practice Objectives and Competencies:	
PGY level	By the end of the rotation:
1	Understand and utilize the multidisciplinary resources necessary to care optimally for patients. (SBP-2/2)
2	Use evidence based and cost-effective diagnostic and treatment strategies. (SBP-3/2)
2	Describes local quality improvement initiatives (e.g., community vaccination rate, infection rate, smoking cessation) (SBP-1/2)
1	Engages with patients in shared decision making, informed by each patient's payment models (SBP-3/3)
2	Effective collaboration with other members of the health care team, including residents at all levels, medical students, nurses, clinical pharmacists, occupational therapists, physical therapists, nutrition specialists, patient educators, social workers, case managers, and providers of home health services to advocate for patients (SBP-2/3)
1-2	Knowing when and how to refer patients to specialists, and how best to utilize the advice provided. (SBP-2/2)



Practice Based Learning and Improvement Objectives and Competencies:	
PGY level	By the end of the rotation:
1	Commitment to professional scholarship, including systematic, critical perusal of relevant print and electronic literature, with emphases on integration of basic science with clinical medicine, and evaluation of information considering principles of evidence-based medicine (PBLI-1/3)
2	Identify and acknowledge gaps in personal knowledge/skills in the care of ambulatory patients. (PBLI-2/2)
1-2	Willingness and ability to incorporate faculty feedback into clinical/academic performance and participate in system change (PBLI-2/2)

Professionalism Objectives and Competencies:	
PGY level	By the end of the rotation:
1-2	Demonstrates professional behavior in routine situations (PROF-1/2)
1-2	Willingness to acknowledge errors when committed and perform self-analysis to avoid future similar mistakes (PROF-1/2)
1-2	Demonstrates professional behavior in complex or stressful situations (PROF-1/3)
1-2	Performs tasks and responsibilities in a timely manner with appropriate attention to detail in complex or stressful situations (PROF-2/3)
1-2	Independently recognizes status of personal and professional well-being (PROF-3/2)

Osteopathic Objectives and Competencies:	
By the end of the rotation/residency:	
Perform an accurate and complete structural and physical exam including somatic dysfunction (PC1)	
Be able to independently apply direct and indirect OMT to the clinical scenario that is presented (PC2)	
Integrate knowledge of anatomy, physiology, and pharmacology with osteopathic assessment models (biomechanical, neurology, behavioral, etc) (MK1)	
<ul style="list-style-type: none"> • Apply the Tenets of Osteopathic Medicine in the development of patient treatment plan and patient presentations that emphasizes: <ul style="list-style-type: none"> ○ “1. The body is a unit; the person is a unit of body, mind, and spirit. ○ 2. The body is capable of self-regulation, self-healing, and health maintenance. ○ 3. Structure and function are reciprocally interrelated. ○ 4. Rational treatment is based upon an understanding of the basic principles of body unity, self-regulation, and the interrelationship of structure and function.” (MK2) 	
Document and apply appropriate billing and coding to their patient encounters according to level of complexity and modifiers for procedures such as OMT and injections. (SBP3)	
Utilize OMM continuity clinic to foster continuity of care and the development of meaningful patient relationships. (ISC1)	

Teaching Methods	
Clinical Teaching	Faculty Role Modeling
Case Based Teaching	Supervised Clinical Management
Didactic	Guided Research

Procedures/Skills Taught (PC5)	
Giving Immunizations	



Supervision/Evaluation:

Resident will work one-on-one and be supervised by board certified Pediatricians. While the resident will interact with several health care providers, supervision of patient care, behavior and diagnostic interpretations will be provided by the preceptor. The faculty preceptor will directly observe patient care and the performance of all procedures.

Assessment Methods

Direct Observation	Procedure evaluation
End of Rotation Evaluation	Chart Review

EPA's

- (EPA 2) Care for patients and families in multiple settings.
- (EPA 4) Provide preventive care that improves wellness, modifies risk factors for illness and injury, and detects illness in early, treatable stages.
- (EPA 9) Diagnose and manage acute illness and injury.
- (EPA 18) Advocate for patients, families, and communities to optimize health care equity and minimize health outcome disparities.

Residency Outcomes

- 2. Diagnose and manage *acute illness* and injury for people of all ages in the emergency room or hospital
- 3. Provide *comprehensive care of children*, including diagnosis and management of the acutely ill child and routine preventive care

Resources: Required Reading

<i>Asthma</i>	http://www.aafp.org/afp/2006/1201/p1901.html
<i>Dehydration</i>	http://www.aafp.org/afp/2009/1001/p692.html
<i>Gastroenteritis</i>	http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5216a1.html
<i>Neonatal Fever</i>	http://www.emedicine.com/ped/topic2698.html
<i>Otitis Externa</i>	http://www.aafp.org/afp/2001/0301/p927.html
<i>Otitis Externa</i>	http://www.aafp.org/afp/2001/0301/p927.html
<i>Pharyngitis</i>	http://www.aafp.org/afp/2004/0315/p1465.html
<i>Pneumonia</i>	https://www.aafp.org/afp/2012/1001/p661.html
<i>RSV</i>	https://www.aafp.org/afp/2017/0115/p94.html
<i>Sinusitis</i>	https://www.aafp.org/afp/2014/0415/p676.html



Osteopathic Curricular Elements	
Osteopathic Considerations in the Pediatrics	SDOFM 2nd edition <ul style="list-style-type: none">• Chapter 12 – The Pediatric Patient<ul style="list-style-type: none">○ Read pages 115-127○ View PowerPoint on <i>The Pediatric Patient</i>• Chapter 21 – Patient with Otitis Media<ul style="list-style-type: none">○ Read pages 226-233○ View 3 linked videos○ View PowerPoint on <i>Patient with Otitis Media</i>
Newborn/Nursing Difficulty/Plagiocephaly	OMT Video Library <ul style="list-style-type: none">• View videos under <i>Nursing Difficulty/ Newborn/ Plagiocephaly</i>
Asthma	OMT Video Library <ul style="list-style-type: none">• View videos under <i>Asthma</i>
Otitis Media	OMT Video Library <ul style="list-style-type: none">• View videos under <i>Otitis Media</i>
Osteopathic Foundations in Pediatrics	Foundations of Osteopathic Medicine fourth edition <ul style="list-style-type: none">• Read pgs. 1124-1165 (Considerations in Pediatrics)• Review pgs. 763-782 (Viscero-somatic reflexes, SS reflexes, Jones Tenderpoints Trigger points and Chapman’s points)