



**Practice Based Learning and Improvement Curriculum**  
NGMC- Family Medicine Residency Program  
Gainesville, Ga

**PGY: 1-3**

**Description of Curriculum:**

This is a longitudinal experience with direct supervision by Family Medicine Faculty and Mentors. Supplemental longitudinal learning in the FMP supervised by Family Physician Faculty is also expected. This curriculum was based of work from Mellisa Pensa, et. al at (Oregon Health Sciences University).

The curriculum is conceived as a longitudinal 3-year learning program, with attention to avoiding repetition and increasing content and application in parallel with residents’ overall competency and knowledge development. The current required improvement curriculum includes four primary curricular strategies:

1. Foundational learning through personal improvement
2. Step-wise didactic sessions appropriate to resident level of training
3. Clinic-based team improvement projects
4. Demonstration of improvement knowledge and presentation skills

PGY1s	<b>Teaching:</b> Basic and advanced improvement theory and tools (based on IHI domains) <b>Experiential Application:</b> Resident-selected Personal Improvement Projects <b>IHI online modules</b>
PGY2s	<b>Teaching:</b> Data collection tools to drive change, practices; applied data analysis; panel management <b>Experiential Application:</b> Resident-selected panel management projects incorporating topics CHOOSING WISELY Development of an A3 AAFP Metric activity (or equivalent)
PGY3s	<b>Teaching:</b> Leadership assessments, team management, career planning for leadership of improvement teams <b>Experiential Application:</b> Lead clinic improvement projects LEAN Six Sigma Green Belt Testing Implementation and presentation of A3 (Quality and Patient Safety Conference)

**Overall Goals of Practice Based Learning Curriculum:**

The overall learning competencies for the improvement curriculum now are to:

- Understand and be able to describe basic concepts, models, methods, and tools of improvement with attention to LEAN principles.
- Understand and be able to apply concepts of systems-based practice improvement to the clinical setting.
- Demonstrate integration of knowledge of improvement concepts and tools through applications to various practice situations and contexts enabling the resident to sit for and pass the LEAN Six Sigma GREEN Belt exam
- Apply knowledge of improvement concepts and tools to an organizational improvement process in the physician’s own practice and present results of project work.



### Interpersonal and Communication Skills Objectives and Competencies

C-1: Develop meaningful, therapeutic relationships with patients and families.

C-2: Communicates effectively with patients, families, and the public.

C-3: Develops relationships and effectively communicates with physicians, other health professionals, and health care teams.

C-4: Utilizes technology to optimize communication

#### **Objectives:**

1. Thorough effective communication, facilitate team meeting generating consensus about team improvement ideas (C-3)
2. Work in partners with practice partners/teams to develop and communicate improvement plans. (C-3)
3. Learn and utilize an A3 model as a communication tool. (C-4)
4. Develop meaning communication strategies through HUDDLE board to accomplish practice improvements in safety and quality

### Practice Based Learning and Improvement Objectives and Competencies:

PBLI-1: Locates, appraises, and simulates evidence from scientific studies related to the patients' health problems

PBLI-2: Demonstrates self-directed learning

PGLI-3: Improves systems in which the physician provides care

#### **Objectives:**

- Review, critically analyze, and apply practice-based tools and EBM tools (PBLI-2)
- 2. Within in teams to accomplish improvement work longitudinally, meeting self-directed milestones for report outs (PBLI-2)
- Review quality Data from one's own panel to make improvements in the delivery of care to the residents own population. (PBLI-3)

### Professionalism Objectives and Competencies:

PROF-1: Completes a process of professionalization

PROF-2: Demonstrates professional conduct and accountability

PROF-3: Improves systems in which the physician provides care

#### **Objectives:**

- Work in teams with accountability sharing responsibility (PROF-2)

### Systems Based Practice Objectives and Competencies

SBP-1: Provides cost-conscious medical care

SBP-2: Emphasizes patient safety

SBP-3: Advocates for individual and community health

SBP-4: Coordinates team-based care

#### **Objectives:**

- Identify through data, opportunities for reduction of waste (SBP-1)



- Identify through data opportunities to improve patient safety (SBP-2)
- Plan, execute, and lead improvement work through team-based care. (SBP-4)