

## QUALITY IMPROVEMENT PROGRAM REQUIREMENTS YEAR ONE

- **ORIENTATION:** Attend orientation and learn the goals, objectives, and expectations for the resident QI curriculum. Meet the CAPE team and learn about resources.
- **COMPLETE A QI COMPETENCY SURVEY (AT ORIENTATION)**  
Complete the competency survey distributed at orientation to assess your baseline QI knowledge.
- **PARTICIPATE IN DIDACTIC SESSIONS (ONGOING)**  
Didactic sessions reinforce specific QI methods and tools. Dates and times are announced and posted via Department of Pediatrics. 75% attendance is required.
- **READ**  
The 1<sup>st</sup> year QI reading provides a basic understanding of QI methods and tools. It is posted at [www.lchcape.org](http://www.lchcape.org). If preferred, you can check these readings out from the Center for Advancing Pediatric Excellence QI Library, 4<sup>th</sup> floor, MEB. For your convenience, the glossary of QI terms is posted at [www.lchcape.org](http://www.lchcape.org).
- **COMPLETE ONLINE IHI QI MODULES**  
The Institute for Healthcare Improvement (IHI) offers "*Open School for Health Professionals*" with free online courses/modules about QI issues, methods and tools. You should complete the 1<sup>st</sup> year QI modules listed below. Each lesson is approximately 15 minutes and allows you to stop and start a module as needed. Once complete, print your transcript and return to CAPE office or email an electronic copy. To begin the courses, enter the IHI website at [www.ihl.org](http://www.ihl.org) and follow the instructions to access the modules. Note: Create a user name and password to access the Open School Modules; if you list your role as a "student", access is free.

### **Modules include:**

- QI 101: Fundamentals of Improvement
  - Lesson 1: Errors Can Happen Anywhere – and to Anyone
  - Lesson 2: Health Care Today
  - Lesson 3: The Institute of Medicine's Aims for Improvement
  - Lesson 4: How to Get from Here to There: Changing Systems
- QI 102: The Model for Improvement: Your Engine for Change
  - Lesson 1: An Overview of the Model for Improvement
  - Lesson 2: Setting an Aim
  - Lesson 3: Measuring
  - Lesson 4: Developing Changes
  - Lesson 5: Testing Changes

### ○ **COMPLETE A (PIP) PERSONAL IMPROVEMENT PROJECT (AUGUST - DECEMBER)**

Starting in August, work with your QI Coach to create a personal improvement project. Your project will include an Aim Statement, measures, key changes, at least one PDSA Cycle, data collection and lessons learned. Templates and examples of the PDSA, Aim, and personal improvement projects are at [www.lchcape.org/SharePoint](http://www.lchcape.org/SharePoint); choose "SharePoint" from the left column. In SharePoint, choose "Shared Documents" from the left column, and then choose the "Curriculum" folder. Materials are also available in the Peds G: Drive, in the PIP folder. In December, you will give a 5-minute, rapid-fire presentation describing your project using the PIP power point template on the G: Drive, in the PIP folder.

### ○ **CONDUCT A REFLECTIVE PRACTICE PROJECT (RPP) (JANUARY – JULY)**

After completing the PIP, you build on this foundation by applying QI science to your personal practice. Reflective practice means analyzing one's own patient panel for improvement opportunities. You will conduct a preliminary chart audit, prepare an Aim Statement, PDSA Cycle, and final chart audit. You will conduct this project during your second Gen Peds rotation. Your QI Coach will work closely with you throughout this process.