



Basics in Quality Improvement: How to Operationalize in Pediatric Psychology Practice

SPPAC 2018 Preconference Workshop (2.5 CEs)

Purpose: This workshop is for participants with little or no experience in quality improvement (QI) methods, wanting to learn terminology and steps needed to collect and analyze data for successful implementation of a QI project. In today's healthcare climate, QI activities improve efficiency, extend clinical care, and inform cost-effective efforts. QI combines psychological science, appreciation of systems, theory of knowledge acquisition, and understanding of observations and variation. The scientific and statistical approach to understanding variation has led to profound improvement in industry, with increasing spread to pediatric healthcare specialties. For this reason, efforts to rigorously apply these principals to pediatric psychology practice are underway.

Structure: QI methods for collecting and analyzing data are different than traditional research activities. This workshop highlights development of projects in multiple settings. Application of these methods will be demonstrated, identifying administrative functions within the hospital setting and at an off-site clinic. Topics covered include: differences between QI and research data;; types of data and measures that can be used for a QI project;; effective sampling and choosing sample size; and plotting data on run and control charts;. Several completed projects will be highlighted, including: improvement in wait times and impact for psychological evaluations and therapy services; increasing request for consultation for psychosocial services in Oncology, and implementation of a screening measure for functional impairment.

Teaching strategies will involve didactics (<50% of time) and interactive, hands-on application of the methodology presented, with demonstrations and case-studies. Participants will be in small groups to work collectively at applying concepts. Participants should bring an idea for project development and will be guided in creating 3 main components to starting any project: Creating an AIM statement, developing a key driver diagram (KDD), and using the KDD to either develop a process map or identify study team. The target audience for this workshop is psychologists and other practitioners who practice in health care settings who work along with pediatric psychologists or members of a psychosocial team

Based on the content of this talk, participants will be able to:

- 1. Distinguish data used in quality improvement research versus classical research**
- 2. Construct a specific aim and a key driver diagram ("road map") for their project**
- 3. Explain the difference between data types and measurement types used in quality improvement projects**
- 4. Identify ways to retrieve data from the medical chart (e.g., data mining)**

Target Learner Level: Introductory

Registration cap: 40

Presenters: Catherine Butz, PhD, Tammi Young-Saleme, PhD, & Eric Butter, PhD

Catherine Butz, Ph.D. is the Clinical Director of Pediatric Psychology. *Tammi Young-Saleme, Ph.D.*, is the Director of Psychosocial Services for the Hem/Onc/BMT service. *Eric Butter, PhD.* is the Chief of psychology and oversees the Division of pediatric psychology and Neuropsychology as well as the Child Diagnostic Center.

Drs. Butz, Young-Saleme, and Butter have completed training in QI methodology (40+hours) and oversee several QI projects in their areas for purposes of program improvement and development.

COI Statement: The speakers have no conflicts of interest to declare.

Session Date/Time: Thursday, April 5th, 2018; 8:00-10:30 am



The Society of Pediatric Psychology (Division 54 of the American Psychological Association) is approved by the American Psychological Association to sponsor continuing education for psychologists. The Society of Pediatric Psychology maintains responsibility for this program and its contents.