Improving chapter activities to increase student engagement in QI/PS

Kevin Shah, Brandon Ho, Grace Wey, Sarah Lumadue, Matthew Stampfl, Shayra Gayel, Eshal Shah, Wejie Lin, Justin Fu, Katherine Yang, Vignesh Ramachandran, Muratza Safiye, Arien Chen, Jared Kohn

The Institute for Healthcare Improvement (IHI) Open School - Baylor College of Medicine (Houston, TX)

Introduction

Recruitment & PDSA Cycles

Student Organization Fair:
- Displayed poster board showcasing IHI Open School Chapter activities
- Chapter Officers recruited students of various disciplines to attend Introduction & PDSA Meeting

Introduction & PDSA Meeting:
- Discussed goals, mission, vision, and activities
- Introduced students to Plan-Do-Study-Act (PDSA) Cycle and the IHI Model for Improvement

Handoffs Workshops

Goals:
- Develop a better understanding of the patient experience
- Learn a practical skill to improve the quality of patient care
- Develop an understanding of communication processes
- Learn and apply a standardized handoffs methodology

Process Map Workshop at Ben Taub Emergency Center

Goals:
- Develop a process map and how they fit into the QI/PS cycle
- Defining terms and standards symbols

Root Cause Analysis (RCA) Workshop

Goals:
- Recognizing the multiple pieces that impact a single process
- Addressing how gaps in processes impact patient care

Student Participation:
- Students who completed BCM’s Patient Safety courses were recruited to complete the IHI Basic Certificate in Safety and Quality
- Students who completed BCM’s Patient Safety courses were recruited to complete the IHI Basic Certificate in Safety and Quality
- Students who completed BCM’s Patient Safety courses were recruited to complete the IHI Basic Certificate in Safety and Quality
- Students who completed BCM’s Patient Safety courses were recruited to complete the IHI Basic Certificate in Safety and Quality

Conclusion

The goal of the workshop was to implement gaps in medical education that are often overlooked, such as the intersection of business, entrepreneurship, and medicine. The workshop began with an in-depth discussion of the various ways to implement root cause analysis and understand how to prevent similar events from occurring in the future, analyzing their feasibility and strength of evidence.

Discussion & Future Plans

Education / Networking:
- Events for group viewing and discussions of IHI QI/PS Instructional Videos
- Utilization of chapter inter-institutional coordinator to increase non-BCM student/faculty participation
- TMCH Young Professionals Collaboration: Host an IHI booth and participate in the networking fair

Community Engagement:
- Participate in I-CAN training this March 2017

Project Topics in Brainstorming Phase:
- Assessment of Risk Stratification for Pediatric patients using Adverse Childhood Experiences questionnaires
- Patient Education regarding end-of-life or palliative care