Meeting Agenda

• Welcome
• Pivot from SSI
• Review of PSQC July SAR
• First Project Approach
• Project Launch
• Next Steps
• Q&A
Welcome!

- New PSQC member hospitals:
  - INOVA Children’s Hospital
    Fairfax, VA
- PSQC Website
  - [https://med.uth.edu/pediatricsurgery/research/research-centers-and-programs/psqc/](https://med.uth.edu/pediatricsurgery/research/research-centers-and-programs/psqc/)
- Newsletter-Nov 15th
Welcome!

Azraa Chaudhury  
1st Year Med Student  
Feinberg

Andrew Hu  
PGY  
Feinberg

Susan Duncan  
SCR, Cincinnati Children’s

Cheryl Utendale  
SCR, Phoenix Children’s
PSQC First Project
These graphs depict the percentage of collaborative hospitals assigned to the performance assessment categories based on the current SAR.
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PSQC Overview

The following graph displays the raw rates of negative appendectomies against preoperative CTs for acute appendectomy cases within collaborative hospitals.

AC5 NSQIP Pediatric PSQC Negative Appendectomy vs. Preoperative CT Rates
July 2020 SQR, Surgery Dates January 1, 2019 to December 31, 2019

Aggregate Collaborative Rate (1.8%)
Approach
Approach
# PSQC Overview

## CASE FORM Appendectomy

<table>
<thead>
<tr>
<th>TARGETED</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Appendectomy for Acute Abdominal Pain/Appendicitis</td>
<td>○ Acute Abdominal Pain/Acute or perforated appendicitis</td>
</tr>
<tr>
<td></td>
<td>○ Interval Appendectomy</td>
</tr>
<tr>
<td></td>
<td>○ Other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time of Presentation</th>
<th>/ / : MM/DD/YYYY HH.MM</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Preop CT Scan at Another Institution</th>
<th>○ Yes ○ No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preop CT Scan at Your Institution</td>
<td>○ Yes ○ No</td>
</tr>
<tr>
<td>Preop Ultrasound at Another Institution</td>
<td>○ Yes ○ No</td>
</tr>
<tr>
<td>Preop Ultrasound at Your Institution</td>
<td>○ Yes ○ No</td>
</tr>
<tr>
<td>Preop MRI at Another Institution</td>
<td>○ Yes ○ No</td>
</tr>
<tr>
<td>Preop MRI at Your Institution</td>
<td>○ Yes ○ No</td>
</tr>
<tr>
<td>Definitive Finding of Complicated Appendicitis</td>
<td>○ Yes ○ No</td>
</tr>
</tbody>
</table>
Approach

- Theoretical Domains Framework-steps*
  - Select target behavior
  - Be specific
  - Select methodology
  - Sampling strategy
  - Develop interview guide
  - Data collection method
  - Data analysis plan

*Khan M. How to use the Theoretical Domains Framework.
Approach

- Practice gems
- Replicable
- Affordable
Approach

- Areas of divergence
  - What are differences between high and low
  - What are circumstances causing these differences
Project Launch
Interview Guide

- Demographics
- Imaging Practices
- Barriers
Project Launch

Aggregate Collaborative Rate 27.3%
Aggregate Collaborative Rate 1.8%
Project Launch

Aggregate Collaborative Rate 1.8%

Aggregate Collaborative Rate 27.3%
Project Launch

- Recording all interviews
- Coding
- Create intervention bundle
Project Launch
Next Steps

CT Utilization Project

- Finish Interviews
- Complete coding
- Implement across participating sites
- Develop intervention
- Create bundle
- Provide training
- Measure change
- Feedback to sites

4th Qtr 2020
1st Qtr 2021
2nd Qtr 2021
3rd Qtr 2021
4th Qtr 2021
1st Qtr 2022

2nd Project Launched
Intervention Bundle Composition

- BUNDLE CONTENT
  - Bundle Overview/Background (rationale, best practices used, literature)
  - Change Strategies
  - Quality Measures
  - Toolkits and Resources
  - Implementation Guide
Upcoming Webinars

- QI Training Webinar
  - 1st of 3 trainings
  - Thursday, Nov 19th

- PSQC Webinar
  - Intervention bundle training
  - February 2021
Questions

Terry Cell: 832-441-6314
THANK YOU
Appendix

- Interview Guide
  - Microsoft Word Document

- Reference Articles: TDF Coding
  - Adobe Acrobat Document
  - TDF Guide

- Theoretical Domains Framework steps

- How to choose an implementation theory, model or framework
  - University of Adelaide