Quality Quarterly

August 15, 2021 Volume 2, Issue 3

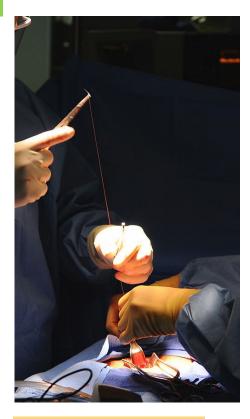
Pediatric Surgery Quality Collaborative Newsletter

As many parts of the country are dealing with the Delta surge, I hope you all remain healthy and vaccinated! We continue to grow as a collaborative community. As of this writing, we are 72 members strong! Given our growth and desire to maintain sustainability, we are convening members of our executive committee, implementation committee, and at-large members in September to develop a strategic plan for the PSQC. Our intent is to develop a roadmap for how we'll select projects in the future, governance of the collaborative and a refined approach to our partnership with ACS NSQIP. We anticipate we'll have our final product completed by mid-December and will share with all of our members. In this issue, we are featuring some of the abstracts submitted by our members and exhibited at the just concluded ACS Quality and Safety Conference. Each abstract has a link to the poster. Please have a look at the great work we all do!

On August 19, we will host our next webinar on the CT scan reduction project featuring collaborative hospitals who have had success in implementing change with an emphasis on the use of ultrasound as the primary diagnostic imaging approach in patients who present with suspected appendicitis. Our next webinar in October, will feature members who have adopted MRI as a primary imaging approach.

We do plan to launch our next project by January 2022. More to come on what it will be and how you can be involved.

Thank you for your continued support of the PSQC!





Inside this issue		
Project updates	.2	
ACS Q&S Posters	.3	
PSQC Logo Contest	.4	
Recent Publications	.4	
New Member Welcome	5	

PSQL EXECUTIVE DIRECTOR

Surgeon-in-Chief, Children's Memorial Hermann Hospital Houston, TX



PSQC Implementation Committee

By now, those PSQC hospitals which joined the collaborative in time for the data cut-off, have received an updated CT utilization graph based on the July 2021 Targeted Appy SAR. For our members who have been included in multiple SARs, you should have received a graph plotting your CT utilization versus negative appendicitis rate over each SAR for which the PSQC has received a report. We hope that having this information will provide more clarity on where your hospital sits in relation to other PSQC member hospitals. Ultimately, we hope that this will assist you in any quality improvement efforts you elect to initiate to improve on this important metric.

The PSQC has hosted three virtual peer coaching sessions for our members who have expressed a desire to improve on this metric. Nine member hospitals have participated, and we will follow up with each of them in the coming months to determine how helpful the peer coaching was in launching any changes. The sessions have been very informal, with an opportunity for open and frank discussion about challenges-structural and cultural- hospitals face when wanting to make changes and how our peer coaches approached those challenges at their institutions. We will resume our coaching sessions this fall. For those of you who may be interested in reviewing the sessions, they were recorded and are available for review with permission. To gain access, please email Terry at terry fisher@uth.tmc.edu.

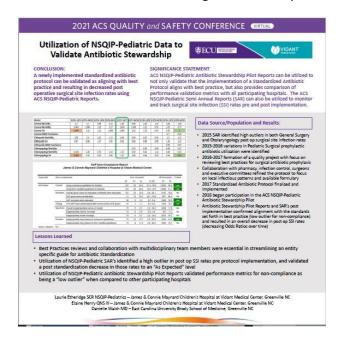
If any of you have ideas on future projects, or on approaches to supporting change management in a virtual setting, please do not hesitate to reach out to us. This is a collaborative-it is essential our members feel included and empowered to participate in decision making and implementation. You can email Terry at terry.fisher@uth.tmc.edu anytime with comments.

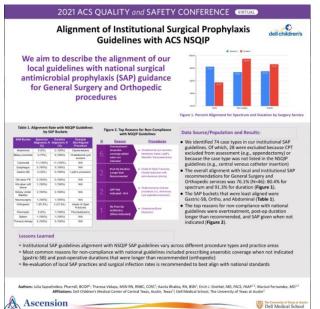


Mehul Raval, MD, MS, FACS, FAAP Chair PSQC Implementation Committee Associate Professor of Surgery and Pediatrics Lurie Children's Hospital

ACS Quality and Safety Conference

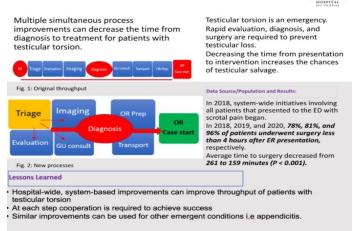
Many of our member hospitals had posters at the recently concluded conference. Just a few are below. You can visit the poster wall here. Please take some time to review the great work they are doing!



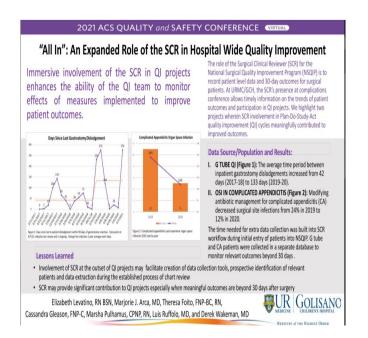


TESTICULAR TORSION EMERGENCY RESPONSE – A QUALITY IMPROVEMENT INITIATIVE





Aaron Dahmen MD, Mark Rich, MD, Alexandra Kirkland, Jill Dykstra-Nykanen, Dianna Cardona-Grau, MD, Benjamin Rhee, MD, Hubert Swana MD





PSQC Logo Contest!

Hello all!

As the PSQC has grown so much in the last six months, we really feel its time to have our own logo. And what better resource for creative ideas than our own members!

We invite **you** to send us your best ideas for a logo for the PSQC. As you draft up ideas, keep in mind it should reflect our core mission of improving clinical outcomes in pediatric surgery. And, as an added incentive, our winner will of course get recognition in our publications and on our website-plus-a \$50 gift card!

Please email your ideas to me at terry. Fisher@uth.tmc.edu by November 15, 2021.

Terry

Terry Fisher, MPH, PMP PSQC Program Manager McGovern Medical School Houston, TX

Recent Publications of Interest

<u>Effectiveness of a Clinical Pathway for Pediatric Complex Appendicitis based on</u> Antibiotic Stewardship Principles

A CA protocol based on clinical parameters is safe and effective, resulting in similar intra-abdominal abscess and readmission rates compared to more resource-intense regimens.

Opioid Stewardship in Pediatric Surgery: Approaching Zero

Adequate pain control at discharge after pediatric general surgical procedures can be achieved for most children with scheduled nonopioid medications only. A limited supply of opioids for analgesia after discharge may benefit small subset of patients. This strategy would help reduce opioid prevalence in the community.

The Role of Anesthetic Management in Surgical Site Infections After Pediatric Intestinal Surgery

Higher doses of sevoflurane are associated with increased odds of SSIs after pediatric elective intestinal surgery. A randomized controlled study of volatile anesthetic-based *versus* intravenous anesthetic-based anesthesia will be needed to further determine the role of anesthetic drugs in SSI risk.

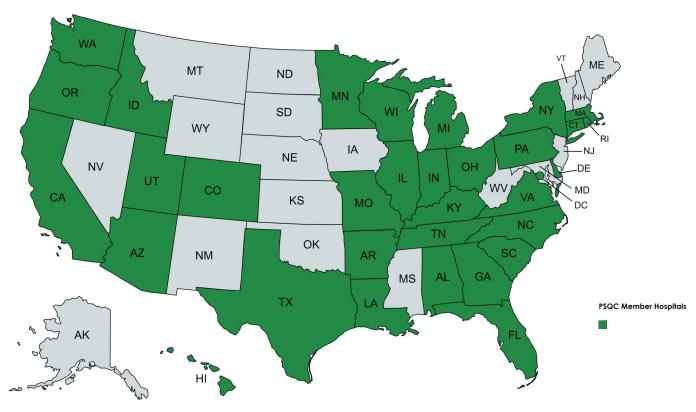
Recurrent Extubation Failure Following Neonatal Cardiac Surgery Is Associated with Increased Mortality

This study confirmed that patients with recurrent EF have a high morality. Neonates with a cardiovascular reason for first-time EF are more likely to have a recurrent EF than those with other causes.

<u>Nurse Practitioner-Managed Clinic Reduces Emergency Department Visits for Parents of Children With Problematic Gastrostomy Tubes</u>

Implementation of a nurse-practitioner-managed clinic resulted in reduction in 30-day, 90-day, and 1-year ED visits among patients with gastrostomy issues and is associated with high levels of patient and provider satisfaction.

Welcome New Members!



New Members since May 2021			
California	Missouri		
UCLA Children's- Steven Lee	Mercy Children's- Shawn St. Peter		
Colorado	New York		
Colorado Children's- Thomas Inge	NYU Langone- Jason Fisher		
District of Columbia	North Carolina		
Children's National Health System-Timothy Kane	Maynard Children's- David Rodeberg		
Florida	Rhode Island		
Jack Nicklaus Children's – Leopoldo Malvezzi	Has bro Children's- François Luks		
St. Joseph's Children's- Grant Geissler			
Illinois	South Carolina		
Rush Children's- Sri Pillai	Prisma Health, John Chandler		
Louisiana	Tennessee		
New Orleans Children's- Fabienne Gray	East Tennessee- Glaze Vaughn		
Minnesota	Virginia		
Mayo Children's- Stephanie Polites	VCU Children's Hospital – David Lanning		
Minnesota Children's- Patricia Valusek			

5