

# 2023 QUALITY IMPROVEMENT SUMMIT



DAY 1

Saturday, March 4, 7:00am - 6:00pm

6:00am - 7:00am Attendee Arrival & Welcome Breakfast

7:00am - 7:15am Welcome & Opening Remarks

Michael Rosen, MD

## SESSION 1: COMPLEX SITUATIONS IN HERNIA REPAIR - PART 1

Moderators: Bryan Ellis, DO & Kaela Blake, MD

7:15am - 7:30am Surgical Site Occurrence Requiring Intervention in Abdominal Wall Reconstruction Requiring Non Absorbable vs. Slowly Absorbable Biosynthetic Mesh in Clean Contaminated and Contaminated Operations. A Multicenter Analysis of One-Year Outcomes Using the ACHQC Database

Jorge Humberto Rodriguez-Quintero, MD

7:30am - 7:45am Comparison of Primary Repair, Synthetic or Biologic Mesh Reinforcement in Contaminated Ventral Hernia Repair

Trey Bradley, MD

7:45am - 8:00am Vacuum-Assisted Incisional Wound Closure After Parastomal Hernia Repair: Analysis of Wound Complication Rates Using a National Hernia Registry

Antoinette Hu, MD

8:00am - 8:15am Medium-Weight Polypropylene Mesh Fractures After Open Retromuscular Ventral Hernia Repair

Sara Maskal, MD

8:15am - 8:30am Indications for Surgery in Patients Who Had Previously Undergone Abdominal Wall Reconstruction (AWR)

Ryan Ellis, MD

8:30am - 8:45am What Happens if We Start Operating on Smokers? A Single Center Experience on Lifting Smoking Restrictions

Nir Messer, MD

8:45am - 9:00am What Are the Contributions of Various Fascial Releases in Tension Reduction During a TAR?

Benjamin Miller, MD

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9:00am - 9:15am Break

## SESSION 2: HEALTH CARE DISPARITIES AND PREOP OPTIMIZATION

Moderators: Courtney Collins, MD, MS & Moustafa Hassan, MD

9:15am - 9:30am Impact of the Addition of Methocarbamol to Postoperative Analgesia Regimen Jeremy Warren, MD

9:30am - 9:45am Surgeon and Patient Sex Concordance vs. Discordance in Ventral Hernia Repair Claiborne Lucas, MD

9:45am - 10:00am Rural Distress vs. Urban Distress: Determining the Interaction of Neighborhood and Environment in Postoperative Outcomes Using Distressed Communities Index (DCI) Courtney Collins, MD, MS

## SESSION 3: COMMITTEE BREAKOUTS

10:00am - 10:45am

- Data Integration Committee
- Development Committee
- Membership Inclusivity/Surgeon Outreach Committee
- Quality Improvement Committee

10:45am - 11:15am Committee Reports

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## SESSION 4: PARA IMPOSSIBLE HERNIAS: WILL WE EVER BE ABLE TO ACTUALLY FIX THESE?

Moderators: Anthony Iacco, MD & Nicole White, MD

### SESSION 4A: PARASTOMAL

11:15am – 11:30am	Wound Complication and Recurrence Rates After Open Parastomal Hernia Repair with Synthetic Mesh at a Single Academic Center	Richard Pierce, MD, PhD
11:30am – 11:45am	Parastomal Hernia Repair Outcomes in Patients with Inflammatory Bowel Disease	Lucas Beffa, MD
11:45am – 12:00pm	Preventing Incisional Hernia Following Stoma Closure – To Mesh or Not to Mesh?	Megan Melland-Smith, MD

12:00pm – 1:00pm Lunch

### SESSION 4B: PARAESOPHAGEAL HERNIA REPAIR

1:00pm – 1:15pm	My Tips and Tricks for Laparoscopic Paraesophageal Hernia Repair: Dealing With Challenges	Robert Yates, MD
1:15pm – 1:30pm	Laparoscopic Paraesophageal Hernia Repair With Mesh Augmentation	Nir Messer, MD
1:30pm – 1:45pm	Robotic Paraesophageal Hernia Repair: This Is Why I Do It	Brian Hodgens, MD
1:45pm – 2:00pm	Wrap vs. No Wrap: I Can't Wrap My Head Around It	Nicole White, MD

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## SESSION 5: UPDATES ON RCTS

Moderators: Arielle Perez, MD, MPH & Jeremy Warren, MD

2:00pm – 2:15pm	Randomized Controlled Trial of Robot vs. Open AWR	Lucas Beffa, MD
2:15pm – 2:30pm	ETEP/IPOM Long Term Outcomes	Clayton Petro, MD
2:30pm – 2:45pm	Randomized Controlled Trial of Keyhole vs. Sugarbaker Parastomal Hernia Repairs	Clayton Petro, MD

2:45pm – 3:00pm Break

## SESSION 6: INGUINAL HERNIA REPAIR

Moderators: Stuart Donovan, MD & Micki Reinhorn, MD, MBA

3:00pm – 3:15pm	Laterality of Inguinal Hernia Recurrences: An Analysis of a Nationwide Database	Antoinette Hu, MD
3:15pm – 3:30pm	Comparison of Outcomes in Scrotal vs. Lateral vs. Medial Inguinal Hernia Repairs in Men	William Hope, MD
3:30pm – 3:45pm	Effect of Active Smoking on 30-Day Wound Events Following MIS Inguinal Hernia Repair	Ivy Haskins, MD
3:45pm – 4:00pm	The Effect Of Tobacco Use On Inguinal Hernia Repair Outcomes	Mazen Al-Mansour, MBBS

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## SESSION 7: BREAKOUTS

4:00pm - 6:00pm

- Research & Collaboration: Designing and Executing the Next Embedded RCT
- Increasing Patient Engagement Through Videos and Active Means
- Getting the Most Out of the QC in Community and Private Practice: Tips and Tricks on How to Incorporate the QC Workflow for Data Entry and How I Market Myself Using the QC

Clayton Petro, MD  
Todd Harris, MD  
Winnie Henderson, MD

6:00pm - 9:00pm

Networking Dinner

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DAY 2

Sunday, March 5, 7:00am - 1:15pm

6:00am - 7:00am Breakfast

## SESSION 8: ACHQC RESIDENT & FELLOW RESEARCH GRANT

7:00am - 7:15am Assessing the Impact of Individual Risk Factors in Predicting Surgical Outcomes of Ventral Hernia Repair: An Analysis Using the ACHQC Database Delaney Ding, BS

## SESSION 9: COMPLEX SITUATIONS IN HERNIA REPAIR - PART 2

Moderators: Bryan Ellis, DO & Kaela Blake, MD

7:15am - 7:30am Outcomes Associated With Barbed Suture Fascial Closure for Ventral Hernia Repair Flavio Malcher, MD

7:30am - 7:45am Effect of Mesh Weight on Clinical Outcomes for Lumbar and Flank Hernias Sergio Mazzola Poli de Figueiredo, MD

7:45am - 8:00am Comparison of Wound Complications in Open vs. Robotic Retromuscular Hernia Repair in High Risk Populations Sean O'Connor, MD

8:00am - 8:15am Surgical Approaches for Core Abdominal Injuries: A Review of the Abdominal Core Health Quality Collaborative Database David Krpata, MD

8:15am - 8:30am Can Surgeons Accurately Interpret Prior Ventral Hernia Repairs Using Postoperative CT Scans? Kaela Blake, MD

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## SESSION 10: OUTCOMES FOR ROBOTIC SURGERY AND OTHER HERNIA REPAIRS

Moderators: David Halpern, MD & Ragnar Peterson, MD

8:30am – 8:45am	Does Drain Placement in Robotic Retromuscular Hernia Repairs Influence Wound Morbidity?	Benjamin Miller, MD
8:45am – 9:00am	A PMS Comparison Between Robotic-Assisted Approach, Laparoscopic and Open Inguinal Hernia Repair – A Multicenter Analysis of 30 Days and One-Year Outcomes Using the ACHQC Database	Diego Lima, MD
9:00am – 9:15am	Comparison of Peri-Operative and Post-operative Outcomes in Patients With Obesity Undergoing Robotic Ventral Hernia Repair: Analysis of a Nationwide Database	Charlotte Horne, MD
9:15am – 9:30am	PMS Comparison of Outcomes After Robotic Ventral Hernia Repair Between Obese and Non-obese Patients	Flavio Malcher, MD
9:30am – 9:45am	GI Complications After Robotic Ventral Repairs: An ACHQC Analysis	Flavio Malcher, MD
9:45am – 10:00am	Utilization of TAR in Robotic/Open VHR	Courtney Collins, MD, MS
10:00am – 10:15am	The Impact of Virtual Visits on Carbon Emissions: Is the True C in the Value Equation Climate?	Jenny Chang, MD
10:15am – 10:30am	Primary Ventral Hernias 2cm or Less: Is Mesh Reinforcement Necessary to Prevent Recurrence?	Chase Wehrle, MD
10:30am – 10:45am	Break	

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## SESSION 11: COMMITTEE BREAKOUTS

- 11:00am - 11:30am
- Opioid Task Force
  - Patient Engagement & Advocacy Committee
  - Residents & Fellows Committee
  - Social Media Committee

11:30am - 12:00pm      Committee Reports

12:00pm - 1:00pm      Working Lunch

## SESSION 12: HOW I DO IT: PROPHYLAXIS

*Moderators: Rana Higgins, MD & Kurtis Childers, DO*

12:00pm - 12:20pm      Mesh for Midline Incisional Hernias      William Hope, MD

12:20pm - 12:40pm      Mesh for Reinforcement of Creating Stoma      Wes Love, MD

12:40pm - 1:00pm      Mesh Reinforcement for Stoma Takedowns      Jeremy Warren, MD

1:00pm - 1:15pm      Closing Remarks & Announcements      Michael Rosen, MD