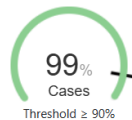




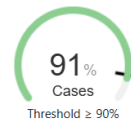
# 2025 QI and Tech Update

Nirav Shah, MD  
QI Director, MPOG

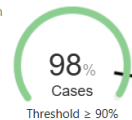
ABX-02-C  
Antibiotic Timing, Open Cardiac



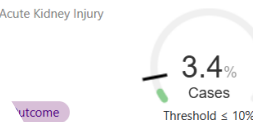
ABX-03-C  
Antibiotic Re-dosing, Open Cardiac



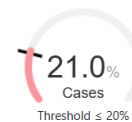
ABX-04-C  
Antibiotic Selection, Open Cardiac



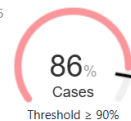
AKI-01  
Acute Kidney Injury



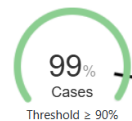
AKI-02-C  
Acute Kidney Injury, Cardiac



Prevention < 65  
%)



BP-04-OB  
SBP < 90 in Cesarean Deliveries



# Agenda

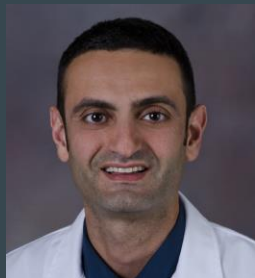
- 2025 QI Snapshot
- Review 2025 priorities shared at last year's Retreat
- 2026 plans

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# Disclosures

- No personal financial, consulting, or contractual relationships with any vendor
- Projects sponsored by contracts / grants paid to University of Michigan
  - Blue Cross Blue Shield Michigan (BCBSM)
  - Patient Centered Outcomes Research Institute (PCORI)
  - National Institutes of Health (NIH)

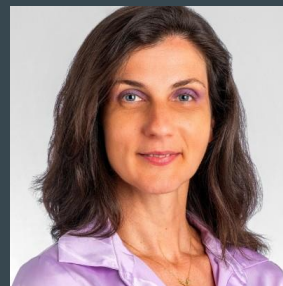
# Measure Reviewers – Thank you!



Mike Aziz  
OHSU  
NMB 02



Kunal Karamchandani  
UT Southwestern  
TOC 01



Mariya Geube  
Cleveland Clinic  
TEMP 06 C



Ashan Grewal  
University of Maryland  
TEMP 07 C



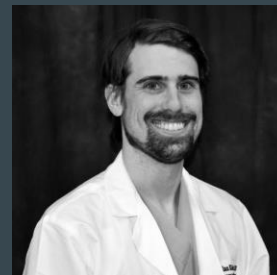
Tony Edelman  
U Michigan  
NMB 01



Ben Stam  
UMH West  
SUS 01 and 04



Eva Lu Boettcher  
U Wisconsin  
SUS 02 and 03



Brady Still  
U Chicago  
SUS 05 Peds

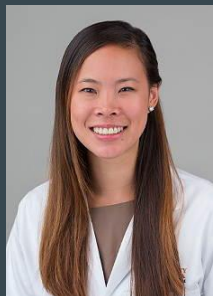
# Measure Reviewers – Thank you!



Jeana Havidich  
Vanderbilt Health  
TRAN 03 Peds



Aman Kalsi  
Vanderbilt Health  
TRAN 04 Peds



Sunny Chiao  
U Virginia  
TEMP 01



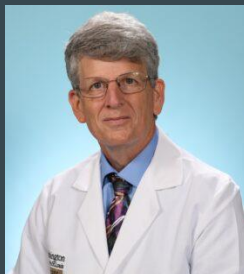
Rob Schonberger  
Yale University  
BP 05



Jonathan Kaper  
Corewell Health East  
TEMP 02



Emily Lai  
MD Anderson  
PONV 05



Charles Schrock  
Washington U  
NMB 03 Peds



Marc Pimental  
Brigham and Women's  
BP 02

# Subcommittee Chairs and Vice Chairs – Thank You!



Morgan Brown  
Boston Children's  
Pediatric  
Anesthesia



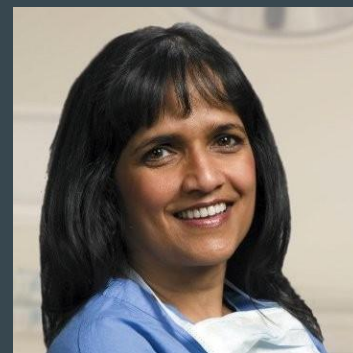
Vikas O'Reilly Shah  
Seattle Children's  
Pediatric  
Anesthesia



Allison Janda  
University of  
Michigan  
Cardiac  
Anesthesia



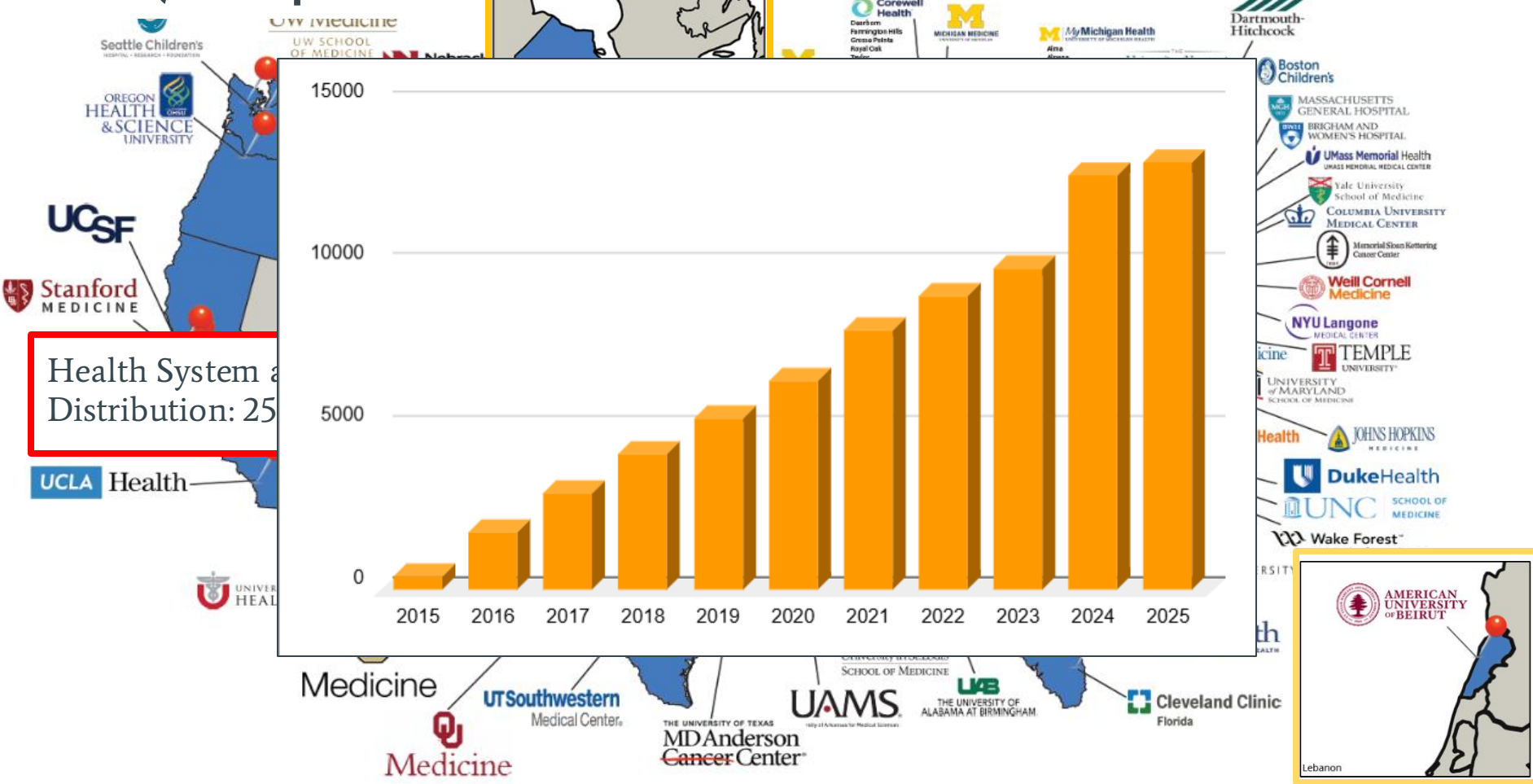
Brandon Togioka  
OHSU  
Obstetric  
Anesthesia



Wandana Joshi  
Dartmouth  
Obstetric  
Anesthesia

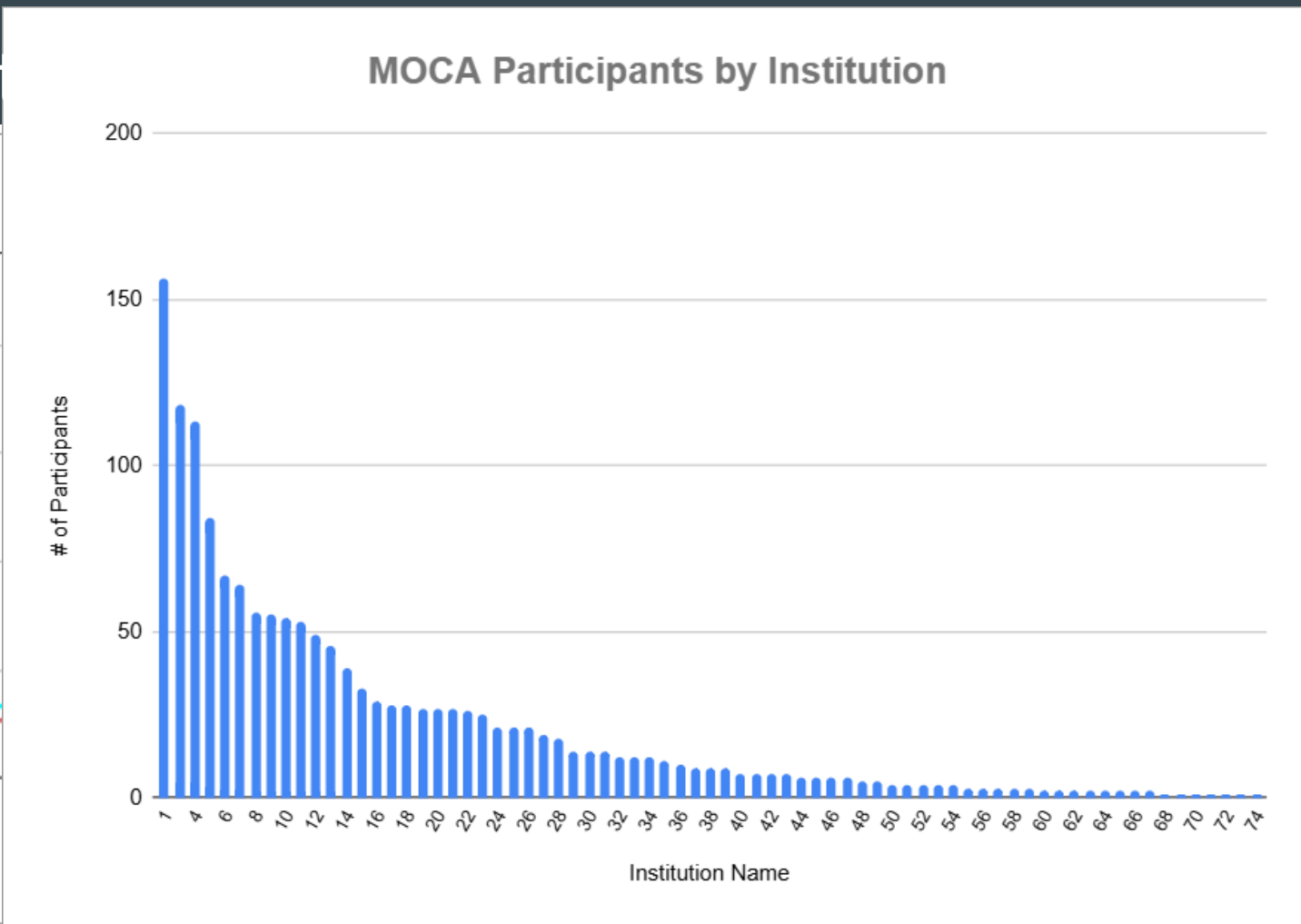
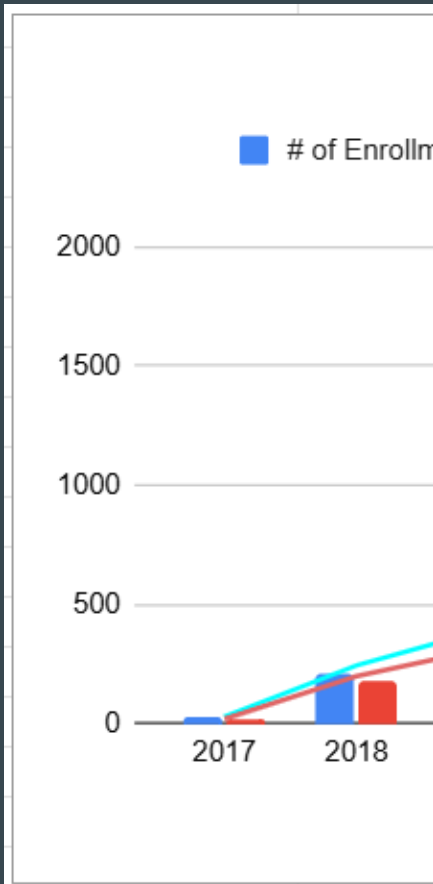


# 2025 QI Footprint



Health System &  
Distribution: 25

# ABA MOCA Part





# 2025 Priorities we shared at last year's MPOG Retreat

- Keep the lights on... new measures, measure review, measure retirements, subcommittee work
- Registry integration for QI
- Develop visualization relevant for health equity initiatives
- Learn about QI for Regional Anesthesia
- Convene Ad Hoc Workgroup to understand requirements for resident / fellow inclusion in QI efforts
- Plan for PROs
- Wrap up major development in QI Reporting and pivot to DataDirect



# Measure Lifecycle – Build, Use, Retire



- ABX 06 OB
- BP 07 C
- CARD 04
- SSI 01 MSQC
- SUS 08



- CARD 02
- CARD 03
- TRAN 04 Peds

# Surgical Registry Integration – State of Michigan

## SSI-01-MSQC: Surgical Site Infection, Colectomy [More Info](#)

This measure is based on SSI data obtained from the Michigan Surgical Quality Collaborative (MSQC). MSQC sites (~70 across Michigan) extract data from a representative sample of colectomy cases. We have matched this sample of cases to ASPIRE cases. Please note this measure will likely not reflect all the colectomy cases at your institution. Additionally, there are MSQC hospitals that are not members of ASPIRE and not represented in the performance benchmarks.

Providers

Case List

Data current as of 10/05/2025

### Surgical Site Infections

Number of SSI: N/A

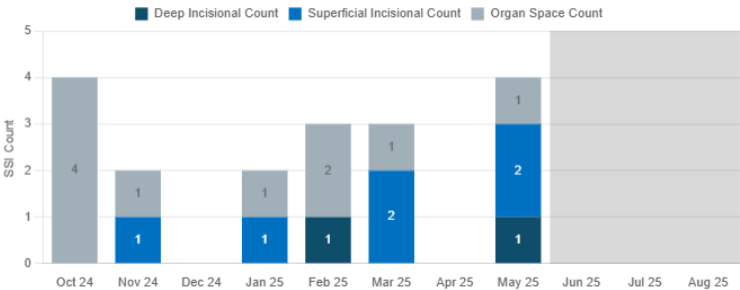


ASPIRE Average: N/A

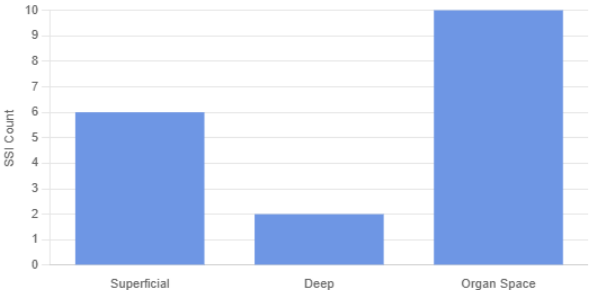
### Breakdown by Procedure

| Procedure Type                  | SSI       | Case Count |
|---------------------------------|-----------|------------|
| Partial Colectomy w/anastomosis | 7         | 59         |
| Partial Colectomy w/colostomy   | 2         | 18         |
| Partial Colectomy wo/colostomy  | 6         | 25         |
| Total Colectomy                 | 2         | 11         |
| Total Proctocolectomy           | 1         | 4          |
| <b>Total</b>                    | <b>18</b> | <b>117</b> |

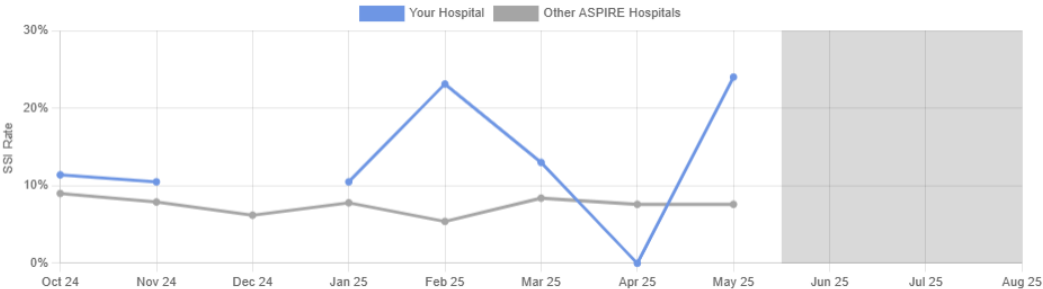
### Breakdown by SSI Type Trend



### Breakdown by SSI Type



### Performance Trend



# Introducing Health Equity Relevant Data in Dashboards – PONV 05

## Non-Medical Drivers of Health of PONV Prophylaxis Compliance

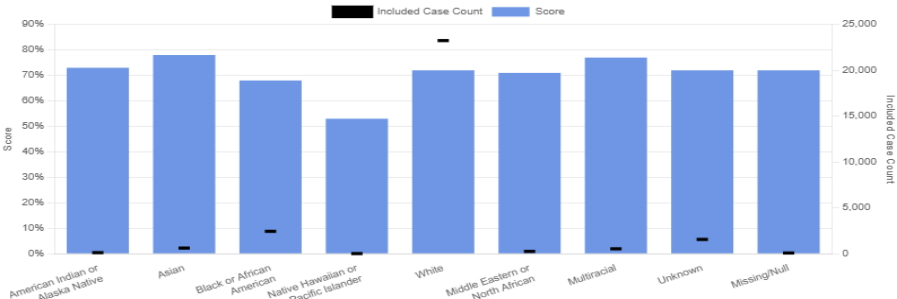
Examining performance across non-medical drivers of health is essential for uncovering systemic disparities and ensuring interventions address the unique needs of vulnerable populations. The following visualizations leverage the PONV-05 measure to plot guideline-based antiemetic prophylaxis adherence rates alongside total included case counts across key non-medical drivers of health—[sex](#), [race](#), and [ethnicity](#)—to identify both the relative gaps in compliance and the absolute number of patients affected. Supporting evidence and practice recommendations are available in the [MPOG PONV Toolkit](#).

Performance by Sex



| Sex     | Score | Passed | Flagged | Excluded | Total  |
|---------|-------|--------|---------|----------|--------|
| Female  | 81%   | 13,120 | 3,096   | 39,777   | 55,993 |
| Male    | 60%   | 7,537  | 5,039   | 36,003   | 48,579 |
| Unknown | 77%   | 50     | 15      | 114      | 179    |

Performance by Race



| Race                                | Score | Passed | Flagged | Excluded | Total  |
|-------------------------------------|-------|--------|---------|----------|--------|
| American Indian or Alaska Native    | 73%   | 85     | 32      | 243      | 360    |
| Asian                               | 78%   | 481    | 135     | 2,205    | 2,821  |
| Black or African American           | 68%   | 1,673  | 770     | 6,442    | 8,885  |
| Native Hawaiian or Pacific Islander | 53%   | 8      | 7       | 32       | 47     |
| White                               | 72%   | 16,686 | 6,554   | 60,014   | 83,254 |
| Middle Eastern or North African     | 71%   | 180    | 73      | 462      | 715    |
| Multiracial                         | 77%   | 412    | 123     | 1,979    | 2,514  |
| Unknown                             | 72%   | 1,125  | 434     | 4,342    | 5,901  |
| Missing/Null                        | 72%   | 57     | 22      | 175      | 254    |

# MPOG and Quality in Regional Anesthesia – Where to start?

- **2026 Plan:** Explore Variation in care
- Total Hip & Total Knee - % with spinal/epidural anesthesia, peripheral nerve blocks, general anesthesia
- Total Shoulder - % with single shot vs. peripheral nerve catheter

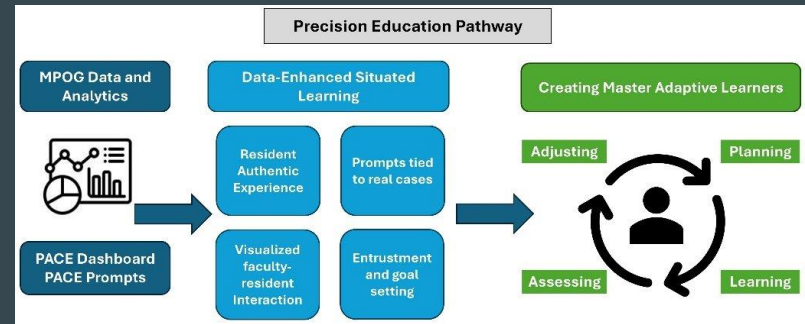


Chris Wu  
Hospital for Special  
Surgery

ASPIRE  
Collaborative  
Meeting July 2025

# Supporting Education Mission

- Launched ad hoc workgroup to collect feedback on how to best support learners
- Started including SRNAs in feedback emails
- **2026 Plans:** Enable multiple measure groups within an email, to support learner specific measures
- **2026 and beyond:** Will coordinate efforts with PACE group





# Applications

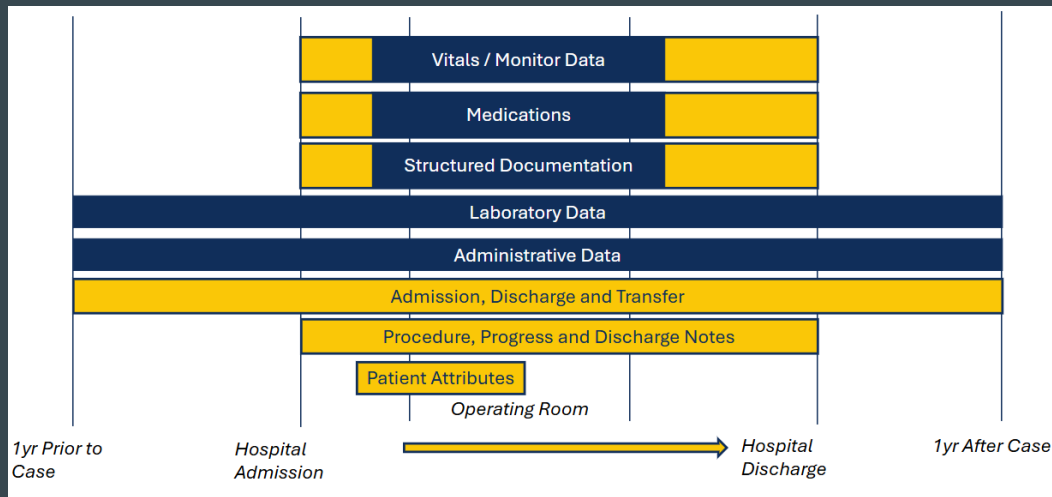
- QI Reporting tool
  - Stability and performance
  - End of 2025: Upgrade to a more modern development platform
  - **2026 Plan:** OPPE views
  - **2026 Plan:** Default preferences
- Data Direct
  - **2026 Plan:** Move “Quality Case Reports” to DataDirect
- Provider Contacts
  - Auto-populate NPI information from NPPES registry
- Provider Feedback
  - **2026 Plan:** redesign

## Select Report Mode

- ☒ Cohort Only - generate case counts for a research project
- ☐ Research Query Spec - generate a query and downloadable re
- ☐ Quality Report - Customize a downloadable report for a QI pro
- ☐ Measure Case Report - Download a report with standardized c

# The future

- Extend detailed EHR data beyond immediate perioperative period
- Meet the provider where they are at
- Keep listening to our partners - you





# EMERGING

SCHOLARS SERIES

Thank you! Next...