

Quality Committee Meeting

July 24, 2023

10:00am - 11:00am Eastern Time



Agenda

Announcements

Measure Updates

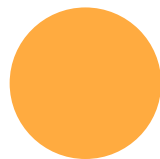
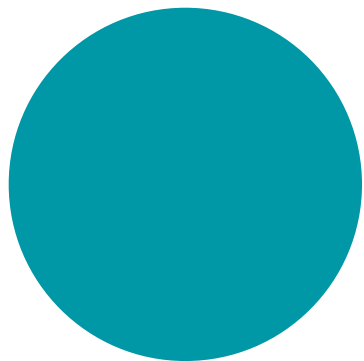
- SUS-07 Released
- Glucose measures

ASPIRE Multicenter QI Data Proposal

Meeting Minutes

May 2023

Roll Call – via Zoom or
contact us



Announcements



Featured Member July and August

[MORE INFO](#)



Wendy Owens, MSN, RN
MyMichigan Health



Welcome Tony!

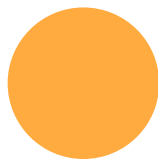
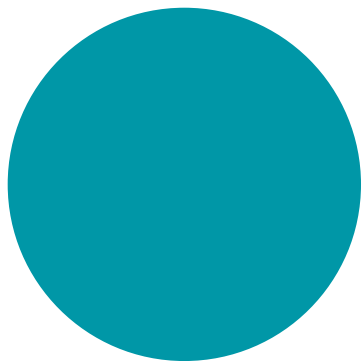
Associate QI Director ASPIRE

University of Michigan

Assistant Professor Anesthesiology

Associate Chair of Adult Anesthesia





Upcoming Events



8:00 - 9:00	Registration and Breakfast
9:00 – 9:30	Welcome and Updates Nirav Shah, MD
9:30 – 10:30	How to Implement Quantitative Neuromuscular Monitoring into Your Practice Ross Renew, MD Mayo Clinic, Florida
10:30 – 10:45	Break
10:45 – 11:30	Reimagining our Patients and Their Care Afton Hassett, PsyD Michigan Medicine
11:30 – 12:00	QI Stories PAIN-01: Chris Wedeven, MD and Amy Poindexter, BSN, RN Holland Hospital PONV-05: Bryan Cohen, MD and Kim Finch, MSN, RN Henry Ford Health System – West Bloomfield
12:00 – 1:00	Lunch
1:00 – 1:30	Michigan Social Health Interventions to Eliminate Disparities (MSHIELD) Carol Grey, MPH & Matthias Kirch, MS Michigan Medicine
1:30 – 3:00	Performance Review
3:00	Wrap-up

2023 Meetings

Friday, September 15, 2023

ACQR Retreat

DoubleTree Hotel, Ann Arbor, Michigan



Friday, October 13, 2023

MPOG Retreat

San Francisco, California



Save the Date
2023 MPOG Retreat

[MORE INFO](#)

An aerial photograph of the UMass Memorial Health campus. The image shows several large, modern multi-story buildings with glass facades and concrete structures. A large, well-maintained green lawn is in the center, with a few white vans parked on the adjacent paved area. The sky is bright blue with scattered white clouds. A semi-transparent dark blue banner is overlaid on the top left, containing the main title. A white pill-shaped button with a blue link is positioned in the middle of the image.

Welcome UMass Memorial Health

[Read More](#)

Chair: Dr. Matthias Walz
Quality Champion: Dr. Spiro Spanakis
PI: Dr. Guido Musch
IT Champion:: Dr. Gregory Mitchon

Precision Feedback Study Update

A scalable service to improve healthcare quality through precision audit and feedback

NIH National Library of Medicine, Project #1R01LM013894-01

Zach Landis-Lewis, Allison Janda, Allen Flynn, Nirav Shah



MEDICAL SCHOOL
UNIVERSITY OF MICHIGAN

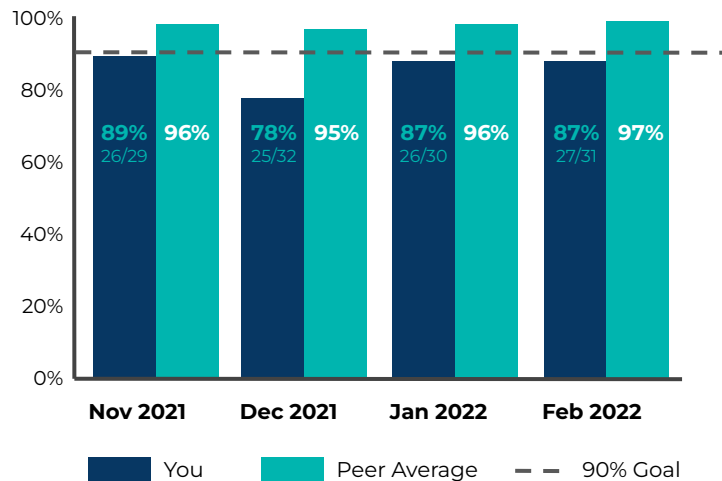
Proposal publication: <https://www.researchprotocols.org/2022/5/e34990/> LEARNING HEALTH SCIENCES

Dear Alex,

You may have an opportunity to improve your performance on measure [NMB-01: Train of Four Taken](#), which measures the percentage of cases with a documented Train of Four (TOF) after last dose of non-depolarizing neuromuscular blocker.

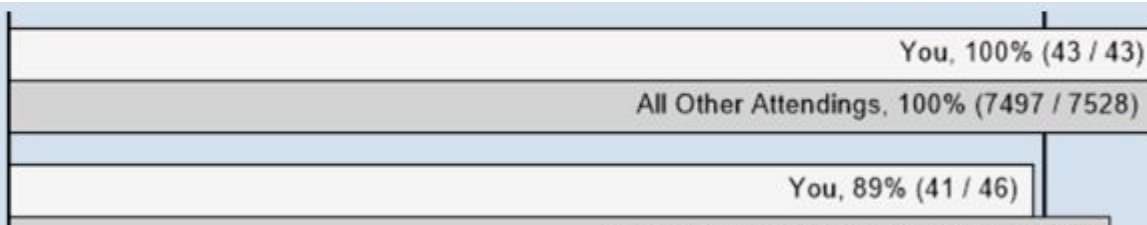
More information about the rationale for the measure and how it is calculated [is available here](#).

Below is your complete MPOG quality performance report...



[BP-01: Low MAP Prevention < 55](#)

[BP-02: Avoiding Medication Errors](#)



Progress to date

Aim 1:

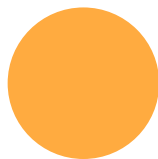
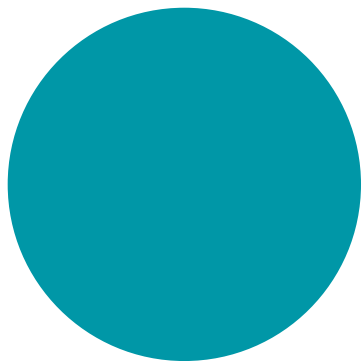
- 35 provider interviews, 3 design iterations of prototype messages
- Preference survey completed

Aim 2:

- Software development, performance testing, and integration of Precision Feedback Service nearing completion

Aim 3: Assess the effects of a precision feedback service

- Preparation for pilot study in 2023, cluster-randomised trial in 2024



Subcommittee Updates



Cardiac Subcommittee

- Next meeting: September, date TBD
- Agenda:
 - a. GLU-07: Hypoglycemia avoidance for open cardiac procedures - Specification & prelim data review
 - b. GLU-08: Hyperglycemia treatment for open cardiac procedures - Specification & prelim data review

GLU-06: Hyperglycemia management measure currently available on 'All Measure' & 'Cardiac' dashboards!



Cardiac Subcommittee

This group meets virtually once per quarter to discuss the development of cardiac-specific quality improvement measures.

[Cardiac Subcommittee](#)

Obstetric Subcommittee

- Next meeting: November 8th, 1pm ET
- Agenda:
 - a. Measure Review: BP-04
 - b. ABX-03-OB: Azithromycin administration for cesarean delivery

Obstetric Subcommittee

This committee of anesthesiologists around the country meets quarterly via web conferencing.

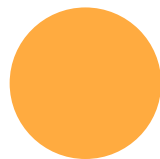
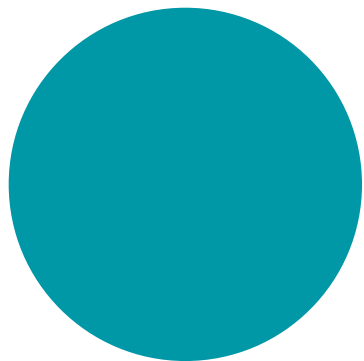
Topics of discussion include development of obstetric specific ASPIRE measures and modifications to general measures to accommodate OB procedures. This group provides expert opinion to inform ASPIRE work.

[Obstetrics Subcommittee](#)



Brain Health/Geriatric Workgroup

- Interested group of MPOG participants have met virtually on an ad hoc basis over the last couple of years
- Focus on both brain health (delirium / cognition) & geriatric measures
- Email discussions re: midazolam use in geriatric population
- Current Research project (PCRC 0170): Variation in cognition / delirium / frailty assessments across MPOG
- Please contact Henrietta Addo (addo@med.umich.edu) via email if interested in joining this workgroup!



QI Dashboard Updates



QI Dashboard Updates

Releases scheduled periodically over the coming months

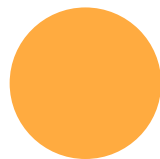
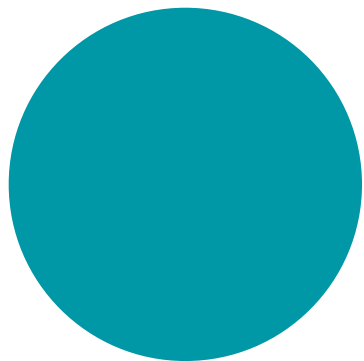
Starting with quirks (bug fixes), then moving to new features

Release notes will be available on the website as changes are pushed to Production.

Performance scores will not be impacted.

Thanks to everyone for their feedback over the last couple of years!





Measure Updates

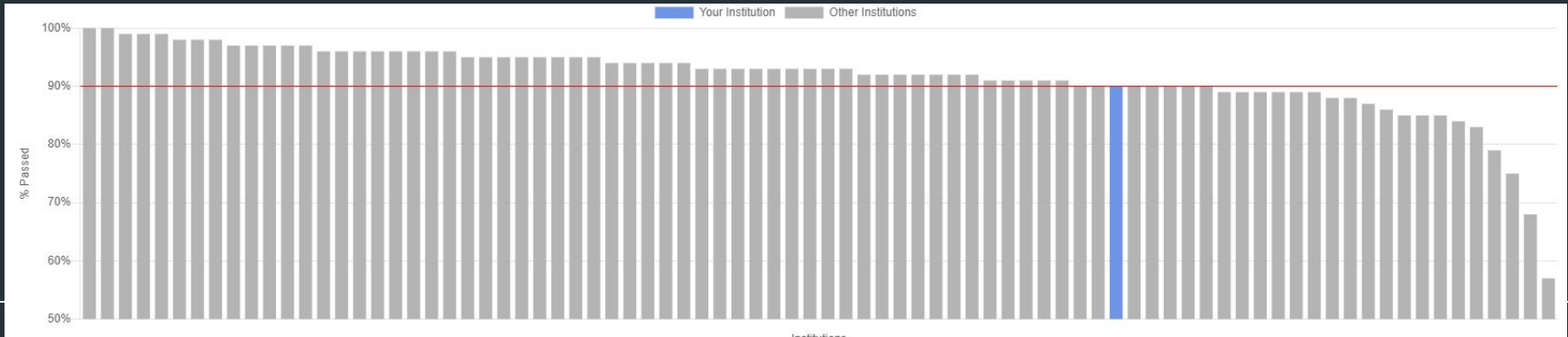


SUS-07: Nitrous Oxide Avoided

Description: Percentage of adult cases where nitrous oxide is avoided during anesthesia

Inclusion: Patients ≥ 18 years old undergoing any procedure requiring anesthesia (see SUS-05 for pediatric measure)

Now available on 'All Measure' & 'Sustainability' dashboards - if interested in adding to Provider Feedback Emails - available in new Measure Selection Tool



New Glycemic Management Measures

Per Quality Committee approval at the May meeting, new glycemic management measures are now available:

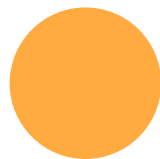
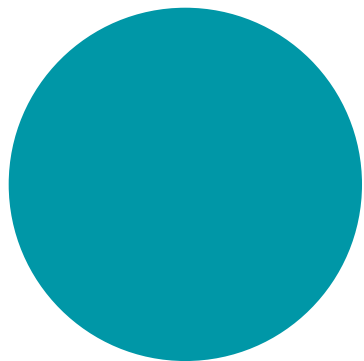
- GLU 09: Hyperglycemia Management, Intraop (updates GLU 01 with new threshold of 180 mg/dL)
- GLU 10: Hyperglycemia Management, Periop (updates GLU 03 with new threshold of 180 mg/dL)
- GLU 11: Hyperglycemia Treatment, Periop (updates GLU 05 with a new threshold of 180 mg/dL)
- GLU 12: Hypoglycemia Management, Intraop (updates GLU 02 w/ new threshold of 70 mg/dL and recheck / dextrose within 30 minutes)
- GLU 13: Hypoglycemia Management, Periop (updates GLU 04 w/ new threshold of 70 mg/dL and recheck / dextrose within 30 minutes)

Glycemic Management Measures

- Quality Committee also requested a 'recheck only' measure as part of the measure review discussion
- Peds Subcommittee also in favor of recheck only measure.

Next Steps

- Specify and build new recheck measure (convene a small workgroup)
- Once recheck measure(s) are built, consider retiring GLU 09 and 10
 - Recheck related to hyperglycemia only?
 - How to deal with recheck in preop / PACU?
 - How to account for insulin treatment?



Multicenter QI Measure Proposal

Multicenter Data Access Proposal

Situation

- A site recently proposed a project to examine compartment syndrome related to patient positioning in the OR
- After viewing local data, Data Direct query revealed cohort level counts, but no detailed information
- Desire to review more granular multicenter data to benchmark and identify risk factors

Background

- MPOG Research has a well-defined process for site access to multicenter data
- Includes PCRC proposal and approval, data access, and dissemination protocols

Multicenter Measure Proposal Process

Assessment:

1. There may be demand from sites to access MPOG Registry data for QI purposes (rare diseases or complications, or areas outside of current MPOG coordinating center focus).
2. Coordinating Center should develop a process for sites to analyse registry data for QI purposes

Recommendation:

1. Site completes QI proposal based on MPOG template
2. After presentation to MPOG Quality Committee and approval, coordinating center generates dataset and stores at MPOG Central
3. Site QI team provided access to the dataset using existing approval process
4. Site conducts analysis based on approved proposal
5. Site uses results for own QI project, and also must disseminate to other MPOG sites via Quality Committee meeting
6. If site wishes to publish, then can develop PCRC proposal, or hand off to another interested site



Thank You!