ASPIRE Collaborative Meeting

July 17th, 2020
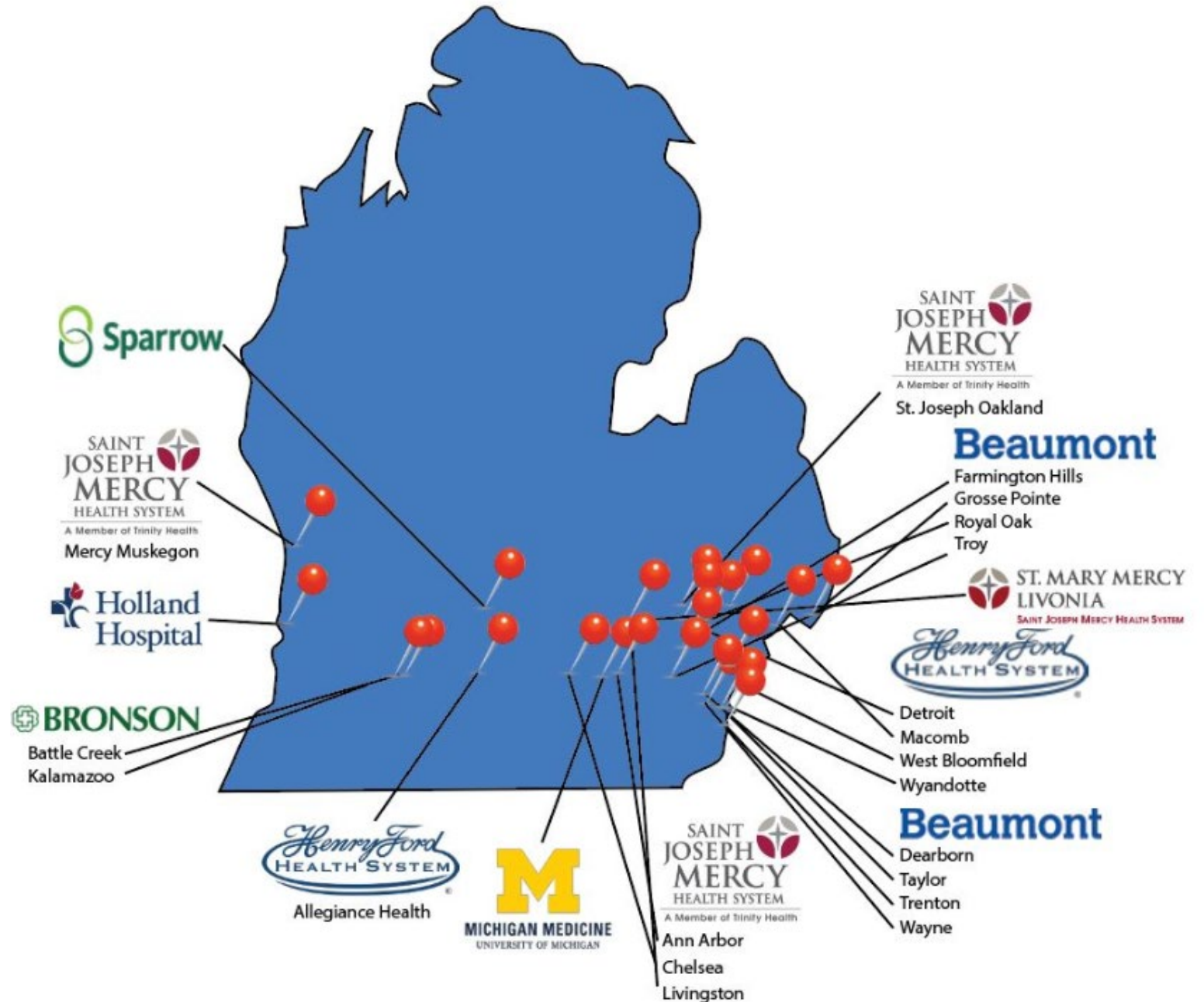
Agenda

|	
9:00 – 9:25	**MPOG Business and Updates** Nirav Shah, MD Kathryn Buehler, MS, RN, CPPS MPOG
9:25 – 9:45	**Anesthesia Considerations & Precautions for Ramp Up of Operations following COVID 19 Peak Pandemic** Gary Loyd, MD Henry Ford Health
9:45 – 10:15	**Why Diversity Matters** Matthew Wixson, MD Michigan Medicine
10:15 – 10:30	**Break**
10:30 – 12:00	**Performance Review** Nirav Shah, MD Mike Mathis, MD Douglas Colquhoun, MB ChB, MSc, MPH MPOG

Housekeeping

- All participants will be muted on entry
- Unmute yourself to participate but remember to re-mute yourself when complete
- We encourage attendees to use video
- To obtain CME credit, please make sure your Zoom display name is correct (first and last name)
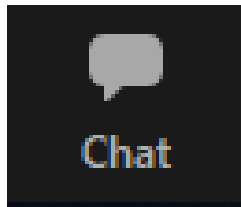- Feel free to use Zoom chat during the meeting - we will monitor
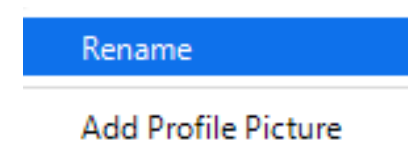
Zoom Helpful Hints
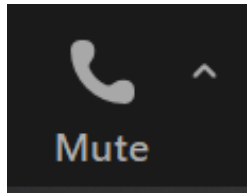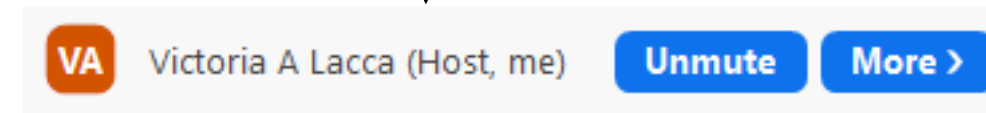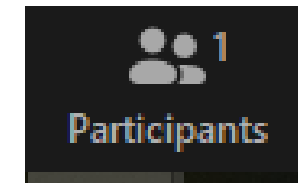
Unmute / Mute (redline)
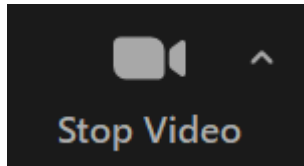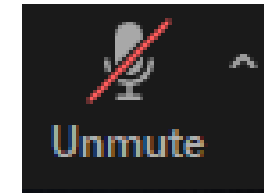
Start / Stop Video (red line)

Tip: Make sure your camera is on

Zoom Chat

Rename display

VA Victoria A Lacca (Host, me) **Unmute** **More >**

Rename

Add Profile Picture

Post Meeting Information

- On our website:
  - Recorded keynotes
  - Presentation slides (except performance review)
  - Meeting summary and notes

- CME information will be sent to all participants via e-mail after the meeting

MPOG Business

- Upcoming Events
- New Dashboard – Kate Buehler
- AKI Toolkit – Kate Buehler
- Mortality data in ASPIRE
- Research projects using ASPIRE data
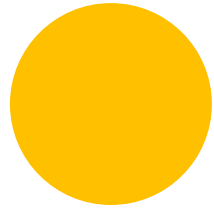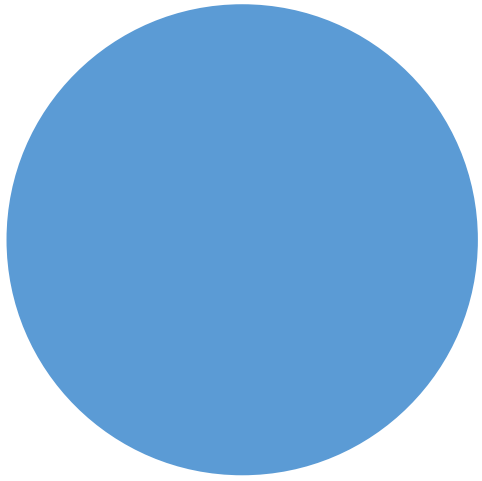
Upcoming Events

MPOG Annual Retreat

October 2nd 2020

Virtual

Welcome!

Henry Ford Wyandotte
Jimmy Boutin, MD
Daniel Mekasha, MD
ACQR: Jessica Wren, BSN, RN

Henry Ford Macomb
Merajuddin Khan, MD
ACQR: Jessica Wren, BSN, RN

Henry Ford Allegiance
Eric Davies, MD
Gary Loyd, MD
ACQR: Jessica Wren, BSN, RN

MPOG Featured Member
July and August 2020

MORE INFO

William Hightower. MD
Henry Ford Health System
West Bloomfield

2020 P4P Changes (pending BCBSM approval)

- Adjusting the attendance credits to 3 – 4 / 4 meetings (March meeting canceled.)
- Site based meetings can be virtual depending on your site's current policies
- Cohort 5 and Trinity upload dates will be adjusted due to COVID-19
- Performance measure changes – TBD, need more data

Dashboard 2.0

Dashboard 2.0

- Available for beta testing now: Quality Champions & ACQRs only

- Provider emails still link to existing dashboard displaying individual provider performance

- Existing dashboard still available- will retire old dashboard by MPOG retreat in October

- Submit feedback to coordinating center: support@zendesk.mpog.org

Departmental Dashboard: Selected Measures

Navigation: Filters

Measure Summary

Case List

AKI Toolkit

Acute Kidney Injury Toolkit Released!

Includes six tools:
- Overview/Pathophysiology
- Recommendations for Adult Surgical Patients
- Avoiding Kidney Injury: Pediatrics
- Avoiding Kidney Injury: Obstetrics
- Avoiding Kidney Injury: Cardiac Surgery
- Reference Guide (one-pager)

https://mpog.org/akitoolkit/

ASPIRE measure toolkits are designed to improve care and patient outcomes through the adoption of best practices. ASPIRE toolkits contain a collection of educational resources, articles, and reference guides. Materials within are intended for widespread use across the collaborative to facilitate the sharing of best practices.

Avoiding Respiratory Complications

This toolkit encompasses ASPIRE Measures PUL 01, NMB 01 & NMB 02

Click Here

Perioperative Transfusion Stewardship

This toolkit encompasses ASPIRE Measures TRAN 01 & TRAN 02

Click Here

Surgical Site Infection

This toolkit encompasses ASPIRE Measures TEMP 01, TEMP 02, TEMP 03 & GLU 01

Click Here

Acute Kidney Injury

NEW
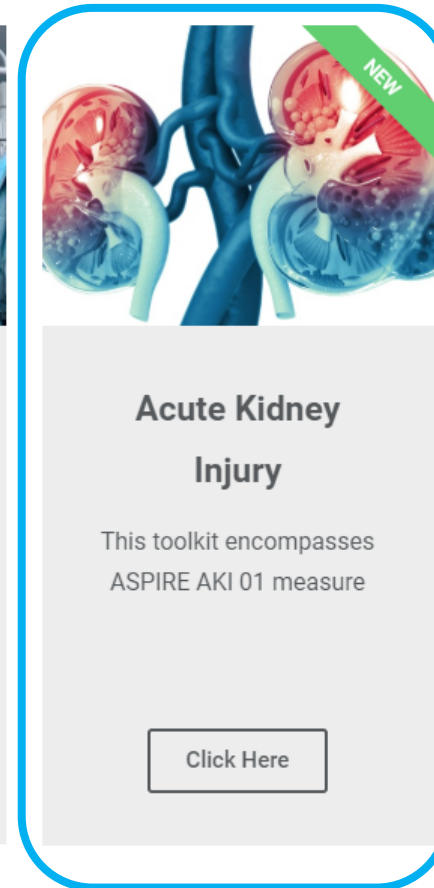
This toolkit encompasses ASPIRE AKI 01 measure

Click Here

All components of the Toolkits are available for printing and distribution. Please utilize these materials as you deem best, and feel free to provide feedback so we can modify and improve them.

Mortality Data

Last year…

- We explained the BRI (Blinded Record Index), a tool for matching patients across different entities, and you implemented it.

- At each site, we create a hashed code using PHI stored locally. Ensure that it is computationally infeasible to reverse code.

- Planned to link data with Michigan Death Index and also to help determine readmission rates.
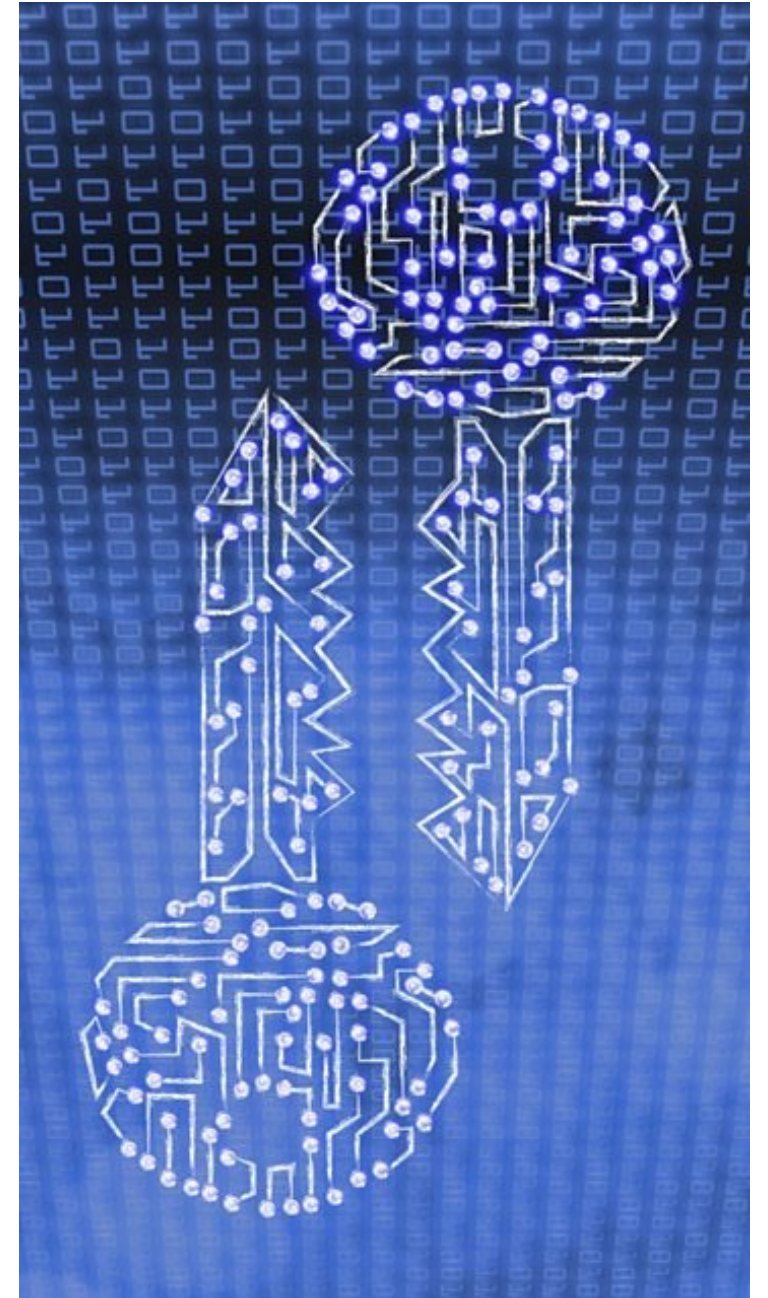
Early match results with MDI day mortality results

Total Michigan MPOG Patients in 2019	465,285
Total MDI records in 2019	97,438
Exact and Highly Probably Matches between MPOG and MDI	16,502
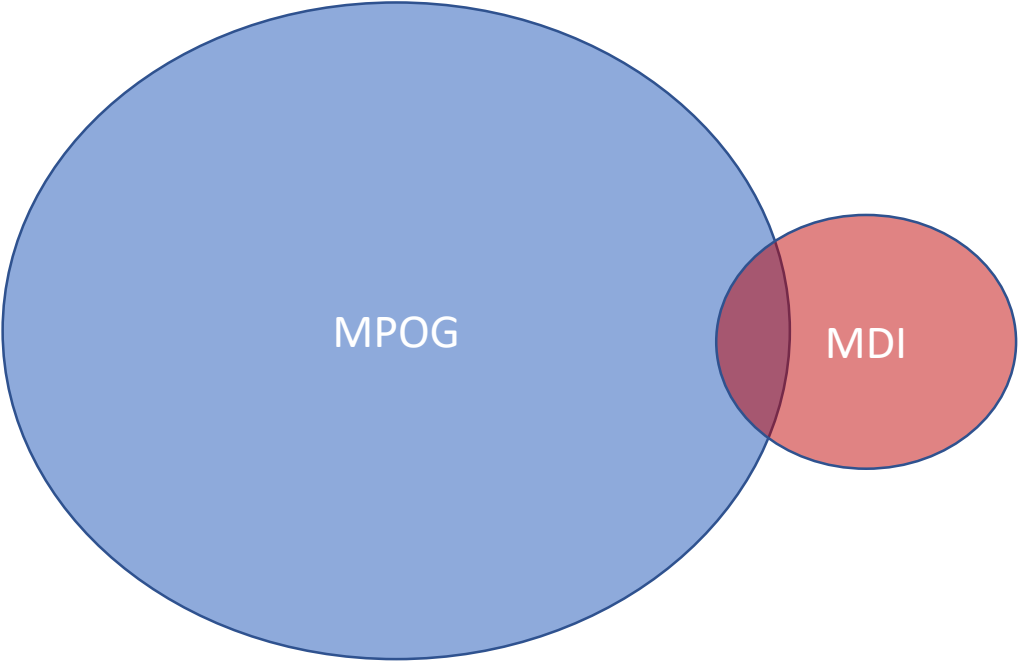
Preliminary 2019 all cause mortality using MDI data

MDI High-Scoring Possible Match Rate
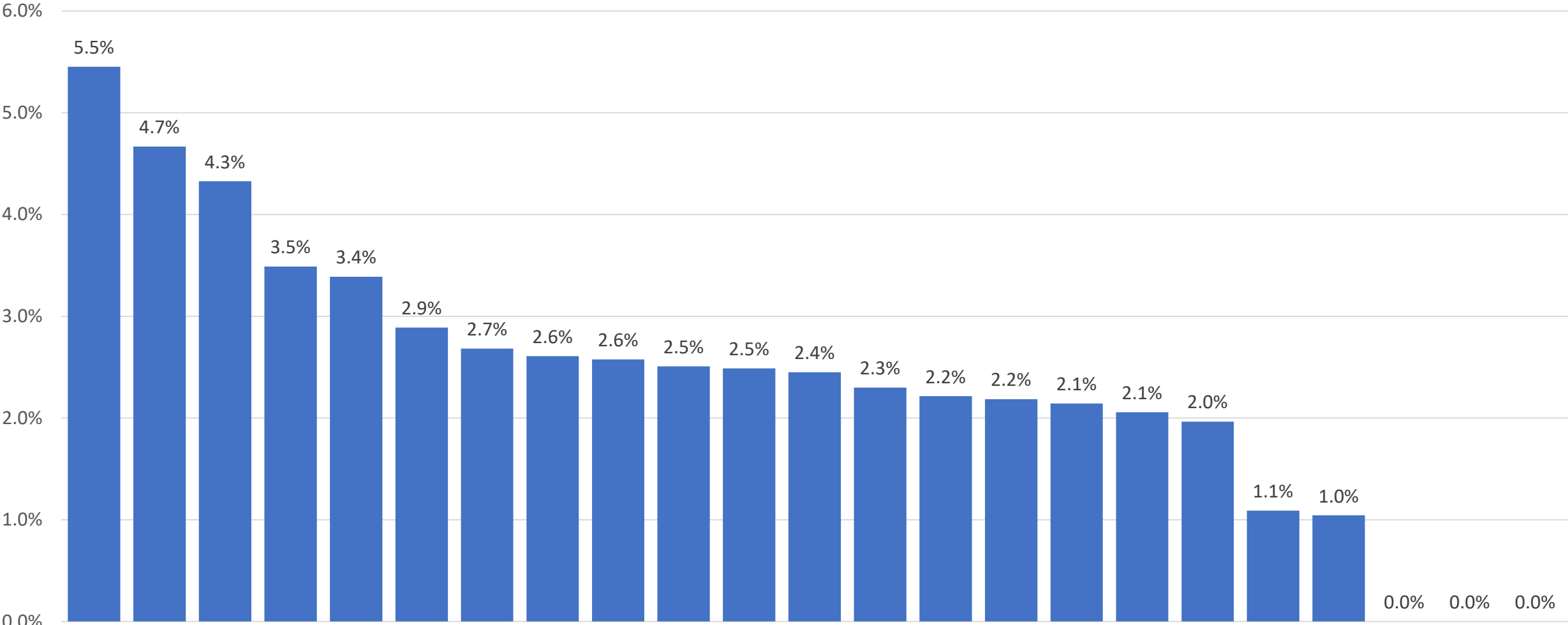
Sample cases

- OPEN REDUCTION INTERNAL FIXATION OF MULTIPLE RIGHT RIB FRACTURES , AND RIGHT CHEST TUBE PLACEMENT
- RIGHT PHACOEMULSIFICATION WITH INTRAOCULAR LENS
- TRANSPLANT LIVER
- EGD W/ ANES
- EXPLORATORY LAPAROTOMY, ABDOMINAL WASHOUT, POSSIBLE BOWEL RESECTION, POSSIBLE WOUND VACUUM, POSSIBLE OSTOMY
- MIDLINE POSTERIOR LUMBAR SPINAL FUSION WITH STEALTH

Research Projects of Interest

Does Anesthesia Quality Improvement Participation Lead to Incremental Savings in a Surgical Quality Collaborative Population?

- Aim: Leverage the payment data captured by the Michigan Value Collaborative (MVC) to examine the difference between costs before and after ASPIRE quality improvement participation, and the difference between costs between institutions that do and do not participate in ASPIRE.

- Hypothesis: Participation in ASPIRE is associated with reduced cost for high volume procedures included in the MVC registry.

- **Primary Investigator: Allison Janda, MD**

Results

• For all payers across all procedure types, we found significantly greater reduction in post-discharge and total episode payments for procedures performed in ASPIRE hospitals compared to non-ASPIRE control hospitals

• Trends in specific components of total episode payments -- index, readmission, and professional fee payments -- were not significantly different between the 2 groups, but all trended lower in the ASPIRE hospitals.

Payment Type	Difference-in-differences estimate ($)	p-value	Standard error
Index Episode	-346.05	0.1103	216.69
Post Discharge	-354.30	0.0023	116.44
Readmission	45.57	0.5803	82.41
Professional Fee	-54.22	0.1918	41.54
Total Episode	-718.62	0.0234	316.94

FAER-ABA Research in Education Grant

Seeks to evaluate the value of primary certification and the Maintenance of Certification in Anesthesiology™ program (MOCA®) to clinicians and the public, including assessment of how certification is related to clinical performance and novel means to analyze and utilize data.
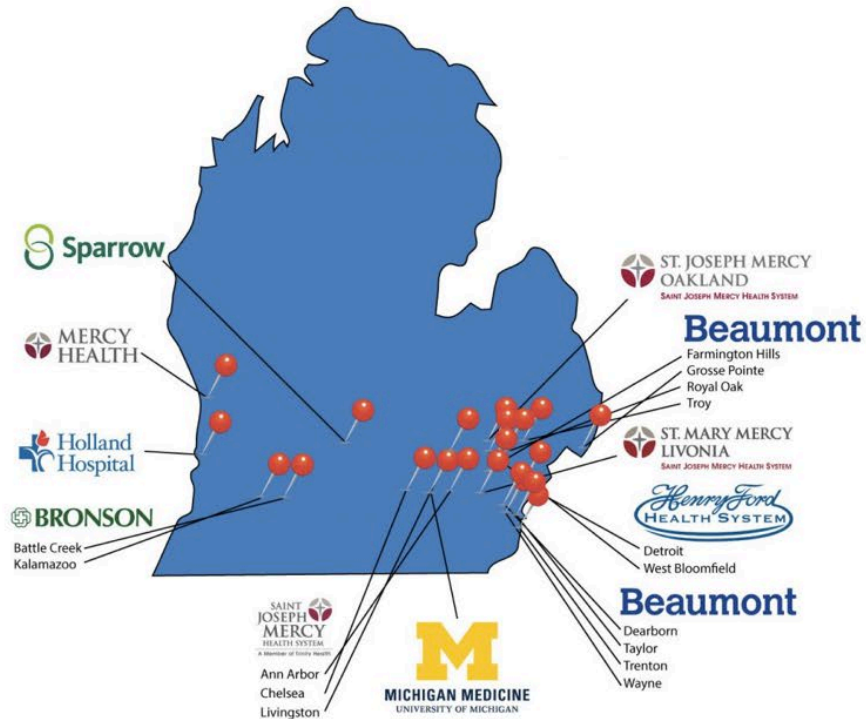
ASPIRE now is involved in the first two projects sponsored by the FAER-ABA Research in Education Grant:

- The first, led by Ben Cloyd MD at the University of Michigan, is evaluating the association between MOCA participation and selected ASPIRE metrics.
    - Preparing to be presented at PCRC

- The second, led by Julie Huffmyer MD at the University of Virginia, will evaluate whether an association exists between MOCA Minute performance and selected ASPIRE metrics, and will begin in 2021.
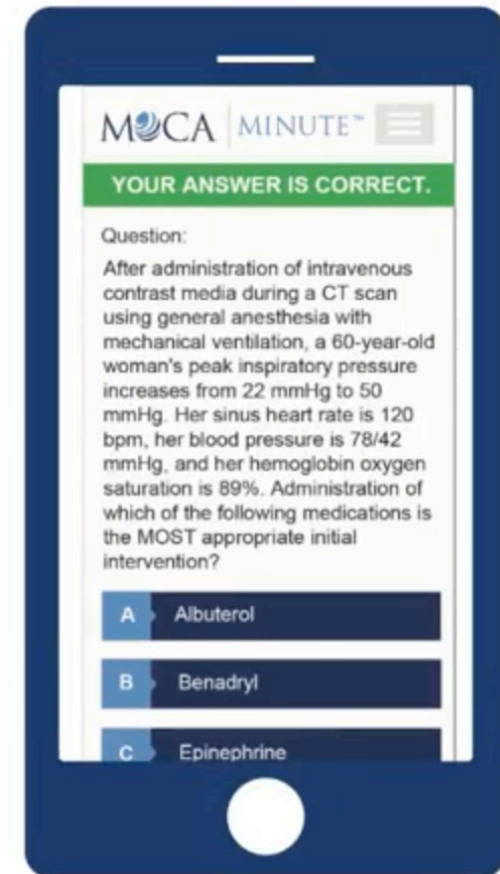
Thank you

Keynote Speaker – Gary Loyd, MD, MMM

- Director, Perioperative Surgical Home

- Director, Quality Programs in Anesthesia

- MPOG PI and IT Champion – HF Allegiance

Thank you

Keynote Speaker – Matt Wixson, MD

- Associate Chair, Diversity
- Assistant Director, Medical Student Education

Thank you