



ASPIRE Obstetric Anesthesia Subcommittee Meeting
February 3, 2021



Agenda

- Announcements
- October 2020 Meeting recap
- ABX 01 Provider attribution discussion
- BP 04 Prelim data review
- GA 01 Measure spec discussion
- 2021 Planning Survey Results and next steps



Announcements

- 2021 Meeting Dates
 - May 5th, 1pm EST
 - August 4th, 1pm EST
 - November 3rd, 1pm EST
- Obstetric Anesthesia Type Phenotype Completed



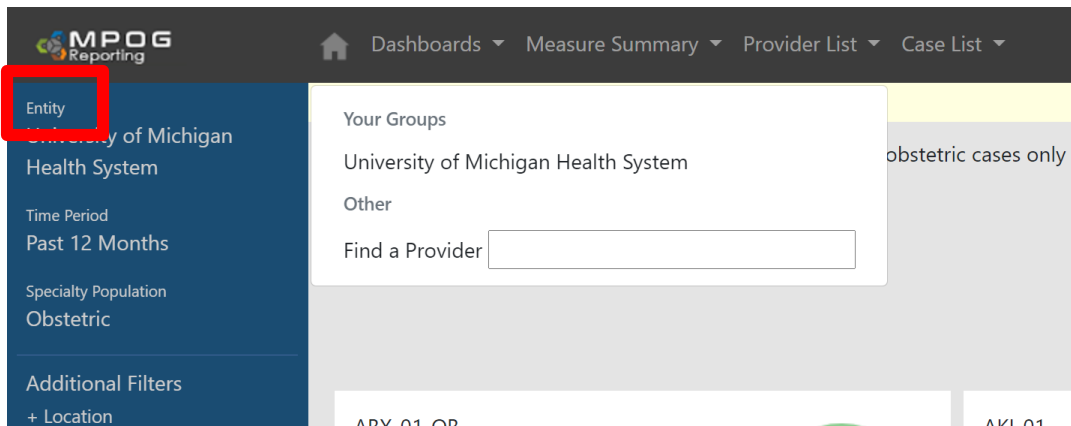
October Meeting Recap

- BP 04: Prolonged Hypotension Measure update and discussion
- GA 01: General Anesthesia for Cesarean Delivery Measure
 - Unable to capture reason for GA in MPOG Data
 - Will require review at the local level
 - Number of cases per month is small

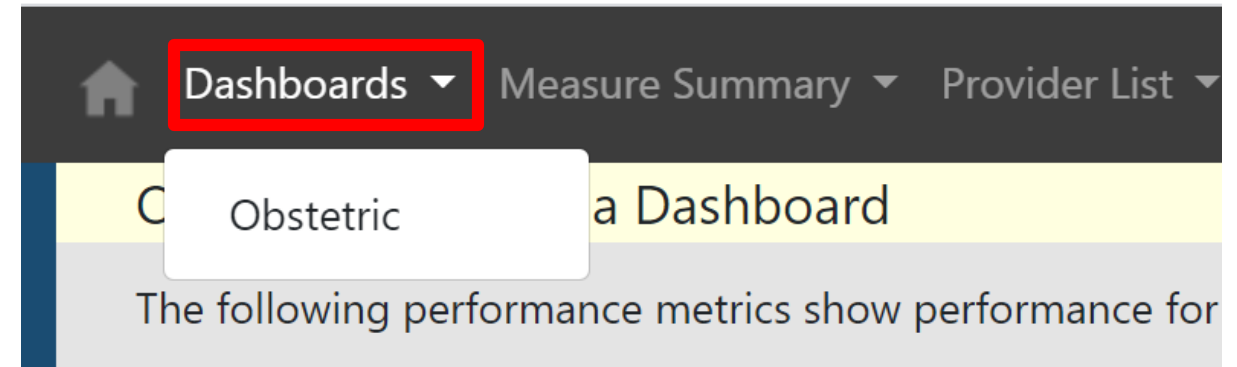


October Meeting Recap

- OB Dashboard
 - Please reach out with any feedback!
- Steps to access OB Departmental Dashboard
 - Change 'Entity' in upper left corner to your institution
 - Choose 'Dashboards', then 'Obstetric' from banner along the top



The screenshot shows the MPOG Reporting interface. The 'Entity' dropdown menu is open, showing 'University of Michigan Health System' selected. The 'Time Period' is set to 'Past 12 Months' and the 'Specialty Population' is set to 'Obstetric'. The 'Additional Filters' section shows '+ Location'.

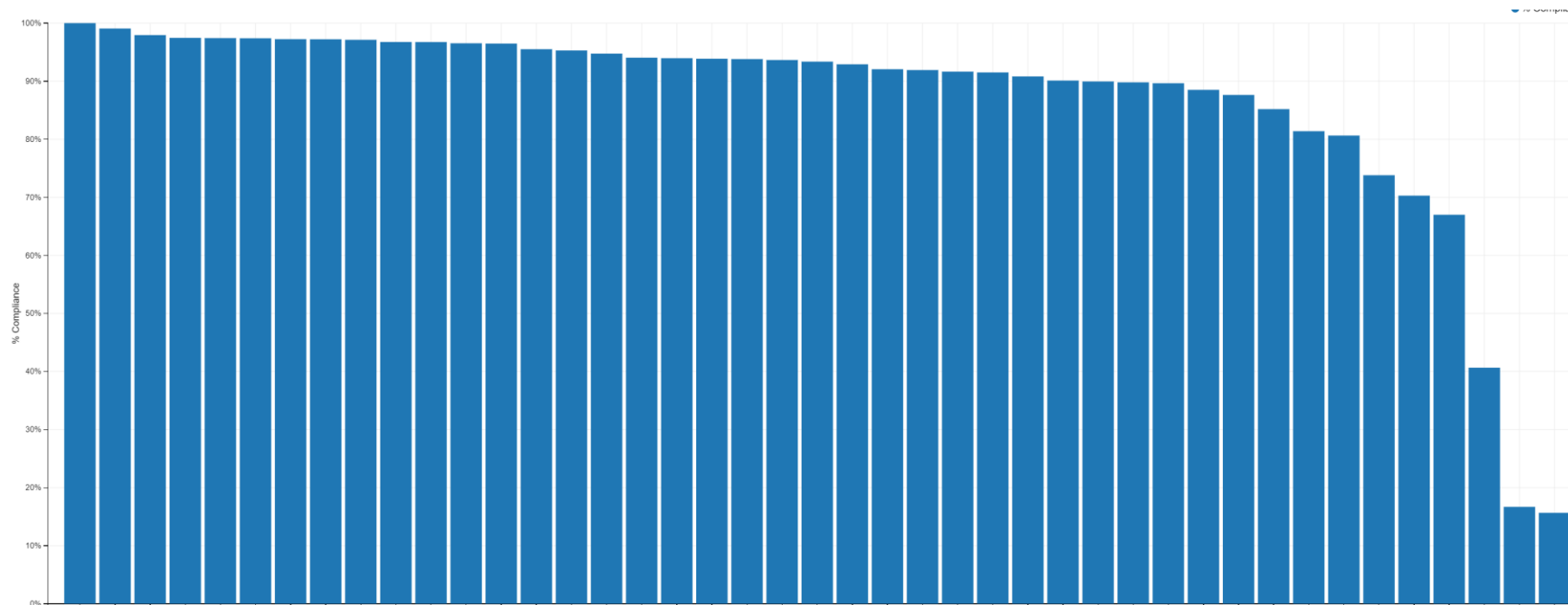


The screenshot shows the MPOG Reporting interface. The 'Dashboards' dropdown menu is open, showing 'Obstetric' selected. The banner below the dropdown reads 'Obstetric a Dashboard'. Below the banner, the text reads 'The following performance metrics show performance for'.



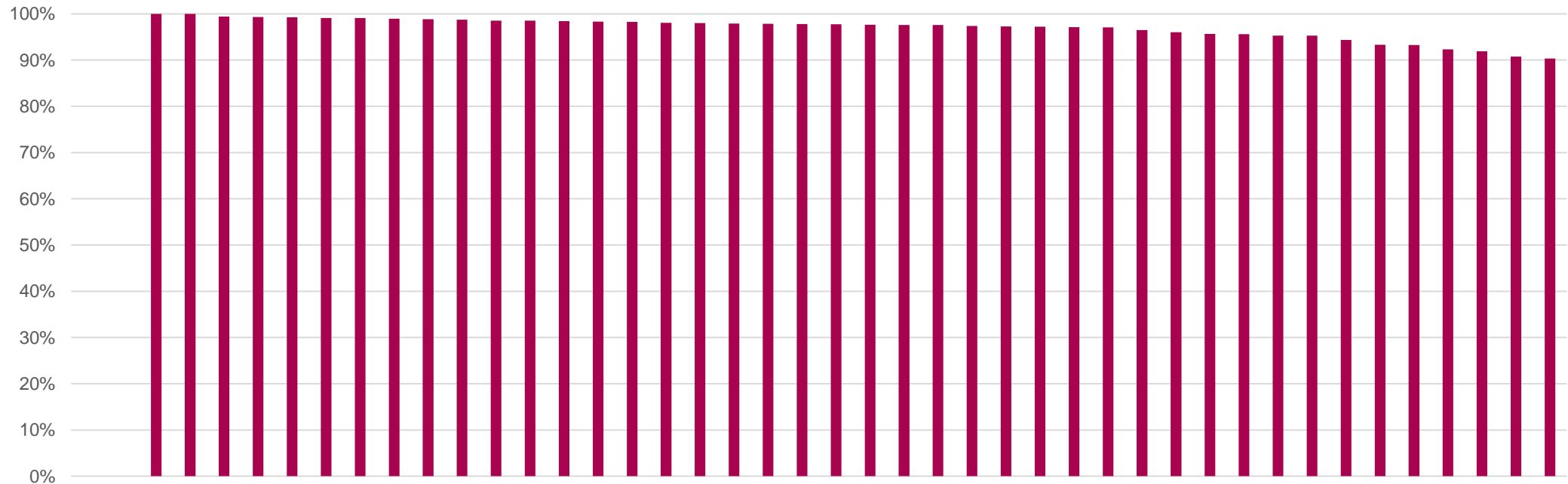
ABX 01

- Percentage of cesarean deliveries with documentation of antibiotic administration initiated within one hour before surgical incision
- Currently does not have provider attribution
- Which providers should be notified/listed in association with the case (if any)?



BP 04

- Hypotension (SBP <90) during cesarean delivery between neuraxial start and neonate delivered
- Final validation in progress. All scores >90% across MPOG
- BP 04 will be available on departmental level OB Dashboards soon



GA 01 – Spec review

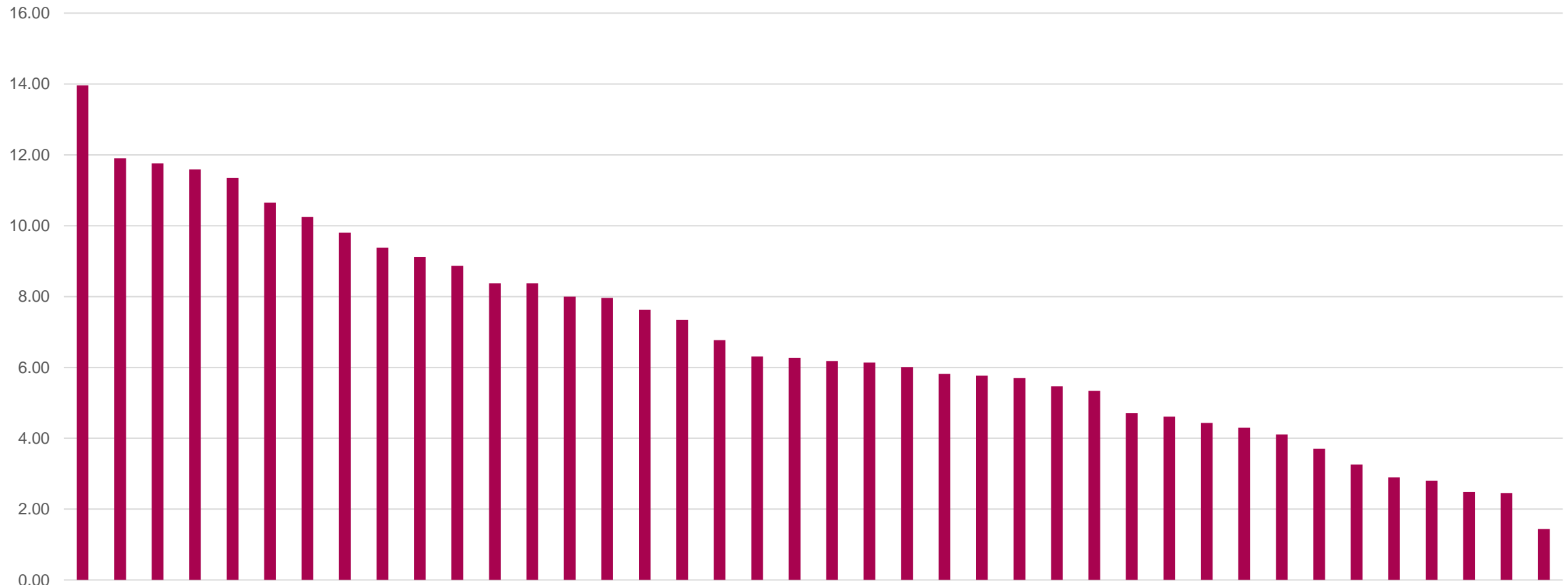
- **Description:** Percentage of cesarean delivery cases where general anesthesia was used
- **Measure Time Period:** Anesthesia Start to Anesthesia End
- **Inclusions:** All cesarean delivery cases (scheduled or conversion)
- **Exclusions:**
 - **Cesarean hysterectomies – Keep exclusion?**
 - Non-cesarean delivery cases
 - **Add any more exclusions?**
- **Success:** Cesarean delivery completed without use of general anesthesia



GA 01

- **Responsible Provider:** Which providers should be notified/listed in association with the case?
- **Threshold:** Should a success threshold be added to this measure?

GA 01 Preliminary Scores (% flagged)

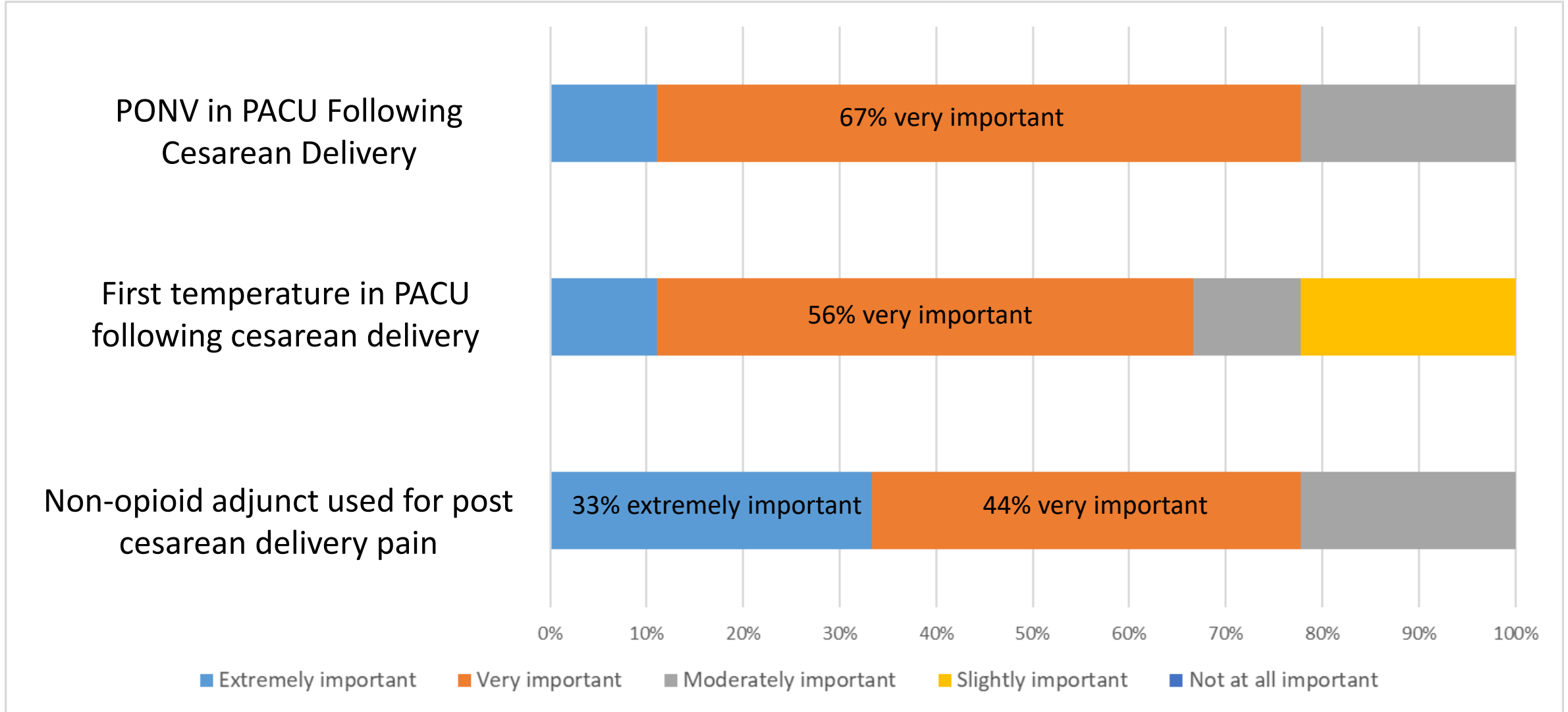


2021 Planning Survey Results

- 9 responses – Thank you!
- Interest from the committee for measures on these topics:
 - PONV
 - PONV in PACU
 - PONV Prevention (antiemetics administered)
 - First temp in PACU following cesarean delivery
 - Non-opioid adjunct for cesarean delivery



2021 Planning Survey Results



2021 Planning Survey Results – “Write Ins”

Suggestion	Rating
Rate of epidural replacement in labor	Very important
Need for blood product transfusion if intra-procedure PPH	Very important
Regular patient checks for parturients with labor epidurals	Extremely important
Failed extension of epidural for CD	Very important
Accidental Dural Puncture / PDPH	Extremely important
Adherence to ERAS	Very important
incidence of dural puncture with epidural	Extremely important
Antiemetics administered preop/intraop	Very important
ERAS milestones (time to d/c foley, time to ambulation)	Very important
Appropriate addition of azithromycin for cesarean sections	Extremely important
GA for elective and urgent/emergency cases	Extremely important
Pain \geq 3 during labor with epidural (within 60 minutes of initiation)	Extremely important
Phenylephrine infusions and regulatory requirements	Very important
incidence of bloodpatch	Extremely important



Interest from the committee for measures on these topics:

- PONV (Prevention or in PACU)
- First temp in PACU following cesarean delivery
- Non-opioid adjunct for cesarean delivery

SOAP ERAC Elements

- Prevent and treat spinal anesthesia induced hypotension (**BP04 in dev**)
- Antibiotic prophylaxis (**ABX 01**)
- **IONV and PONV prophylaxis and treatment**
- **Maintain normothermia**
- **Initiate multimodal analgesia**
- IV fluid optimization – limit IV fluids to <3 L for routine cases
- Optimal uterotonic administration- use the lowest effective dose necessary
- Promote breastfeeding and maternal-infant bonding
- Delayed cord clamping



Existing related MPOG Measures

- TEMP 01: Percentage of cases that active warming was administered by the anesthesia provider
 - Cesarean deliveries are included
 - Labor epidurals are excluded
 - Success: documentation of an active warming device (including fluid warmer for CD) OR temp ≥ 36.0 within 30 minutes before case end
- TEMP 02: Percentage of cases with at least one core temp documented intraoperatively for any patient receiving a general anesthetic
 - Cesarean deliveries included, but this measure is limited to only those that received general anesthesia
 - Cases ≤ 30 minutes are excluded
- TEMP 03: The percentage of cases with hypothermia (< 36) within 30 minutes before or 15 minutes after anesthesia end
 - Limited to cases >60 minutes in duration
 - Excludes labor epidurals and labor epidurals converted to cesarean deliveries



Proposed OB Temp Measure

- “TEMP 05-OB” First temperature in PACU following cesarean deliveries



Existing related MPOG Measures

- PONV 01- The percentage of cases with appropriate antiemetic administration for postoperative nausea and vomiting prophylaxis
 - Inclusions: patients receiving inhalational general anesthesia with three or more risk factors for PONV
 - Include cesarean deliveries, but is limited to only those that received inhalational general anesthesia
- PONV 03- Percentage of patients who undergo a procedure and have a documented nausea/emesis occurrence OR receive a rescue antiemetic in the immediate postoperative period.
 - Includes cesarean deliveries
 - Excludes labor epidurals
 - **Modifications for OB?**



Proposed next measure

- Which measure is the top priority for development in 2021?
 - “PONV 04- OB” PONV in PACU
 - Include antiemetic administration as criteria for flag?
 - Merge into PONV 03?
 - “TEMP 05-OB” First temperature in PACU following cesarean deliveries
 - “PAIN 02 – OB” Multimodal analgesia for cesarean deliveries



THANK YOU!

Nirav Shah, MD
MPOG Associate Director
nirshah@med.umich.edu

Brooke Szymanski-Bogart, MSN,
RN, CPN
MPOG QI Coordinator
bmiszy@med.umich.edu

