



# ASPIRE Obstetric Anesthesia Subcommittee Meeting

November 8, 2023



# Agenda



Announcements



May 2023 Meeting Recap



Measure Review: BP-04



BMI Stratification



Uterotonic Agents



# Welcome New Members!

- Jonathan Paul, MD- Columbia University
- Laurance Ring, MD- Columbia University
- Muhammed Athar, MD- University of Arkansas
- Jack Peace, MD –Temple Health



# Seeking OB Subcommittee Vice-Chair

- Follow up to initial basecamp post late summer
- 3-year term
- Help shape direction of OB Subcommittee
- Measure performance review, new measure development, measure revision
- Identify and participate in research opportunities
- Work with Nicole and the MPOG team
- OB Subcommittee Vice-Chair Description: [here](#)



# Announcements

- OB Subcommittee Teams Meeting Dates 2024:
  - Feb 7, 2024 @1pm EST (Brendan Carvalho, MD -SOAP Stanford)
  - May 22, 2024 @1pm EST
  - Oct 2, 2024 @1pm EST
- PCRC proposals updates at future meetings:
  - PCRC 193
  - PCRC 150



# May Meeting Recap

- [Measure review: ABX 01](#)-Percentage of cesarean deliveries with documentation of antibiotic administration initiated within one hour before surgery start.
- At the May subcommittee meeting, members voted to add Placenta Accreta as an exclusion for the GA measures.
  - Score change minimal < 0-3% for sites
  - [GA-01](#)- Percentage of cesarean delivery cases where general anesthesia was used.
  - [GA-02](#)- Percentage of cesarean delivery cases where general anesthesia was administered after neuraxial anesthesia.
  - [GA-03](#)- Percentage of cesarean delivery cases where general anesthesia was used after epidural.
- [Azithromycin measure](#) – Percentage of unscheduled cesarean deliveries in which azithromycin was administered within 60 minutes before incision or procedure start and anesthesia end.



# In the News: Summer/Fall 2023

## ASA Monitor<sup>®</sup> TODAY

### What's in the news

The external news content below does not reflect ASA's views or policies.



#### An all-too-personal tragedy

Ten days after giving birth to her second child via an emergency C-section, Caitlyn Wilson died of perioperative complications. Her husband, anesthesiology resident Jared Wilson, recounted the tragic experience, from the time he dropped Caitlyn off at the hospital for a scheduled induction to the moment 10 days later when his wife passed. Dr. Wilson said, "As an anesthesiologist, all of her complications are things that I think about with all of my patients every day doing the exact same procedures." [Read more from People](#) →



### Events:

- Healthy 27 y/o G2P1 laboring:
  - Epidural
  - Abnormal presentation: Arm above head
  - Cord prolapse-> taken to OR to delivery: 10 minutes
  - Mom emergently intubated d/t pain. Fluid suctioned from lungs.
- Extubated without issue, lab work normal postoperatively
- Day 10: Patient is weak, requiring increased respiratory support -> Intubated, Hypotensive, WBC count: 40
- Patient codes but is resuscitated. Codes again: resuscitation not successful.

### Discussion:

- Anything we can learn?

[Doctor's Wife Dies Days After Giving Birth to Their Baby \(Exclusive\) \(people.com\)](#)



# BP-04 Measure Review

Dan Biggs, MD – University of Oklahoma

Preet Singh, MD- Washington University





# Measure review

- The measure review schedule is posted on Basecamp. Please also check your emails for the measure review schedule.
- [Template form](#)

Measure	Published date	Present at OB subcommittee	Assigned to
ABX-01	July 2020	<a href="#">May 2023</a>	Monica Servin and Brandon Togioka
BP-04	Feb 2021	<a href="#">Nov 2023</a>	Preet Singh and Dan Biggs
GA-01	Feb 2021	<a href="#">Feb 2024</a>	Melinda Mitchell and Sharon Abramovitz
GA-02	Aug 2021	<a href="#">Feb 2024</a>	Melinda and Sharon
TEMP-05	Aug 2021	<a href="#">Feb or May 2024</a>	Wandana Joshi and Christine Warrick

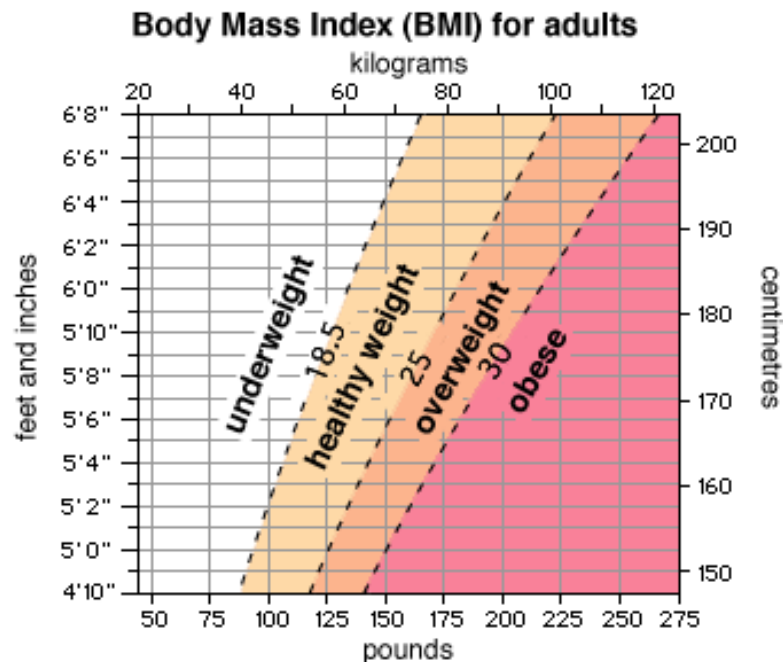
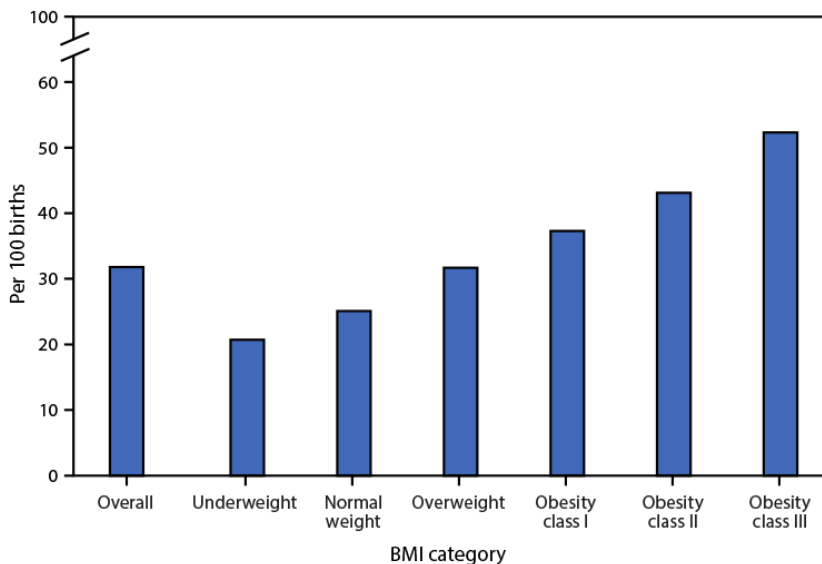


# BMI Stratification



# BMI and Cesarean deliveries

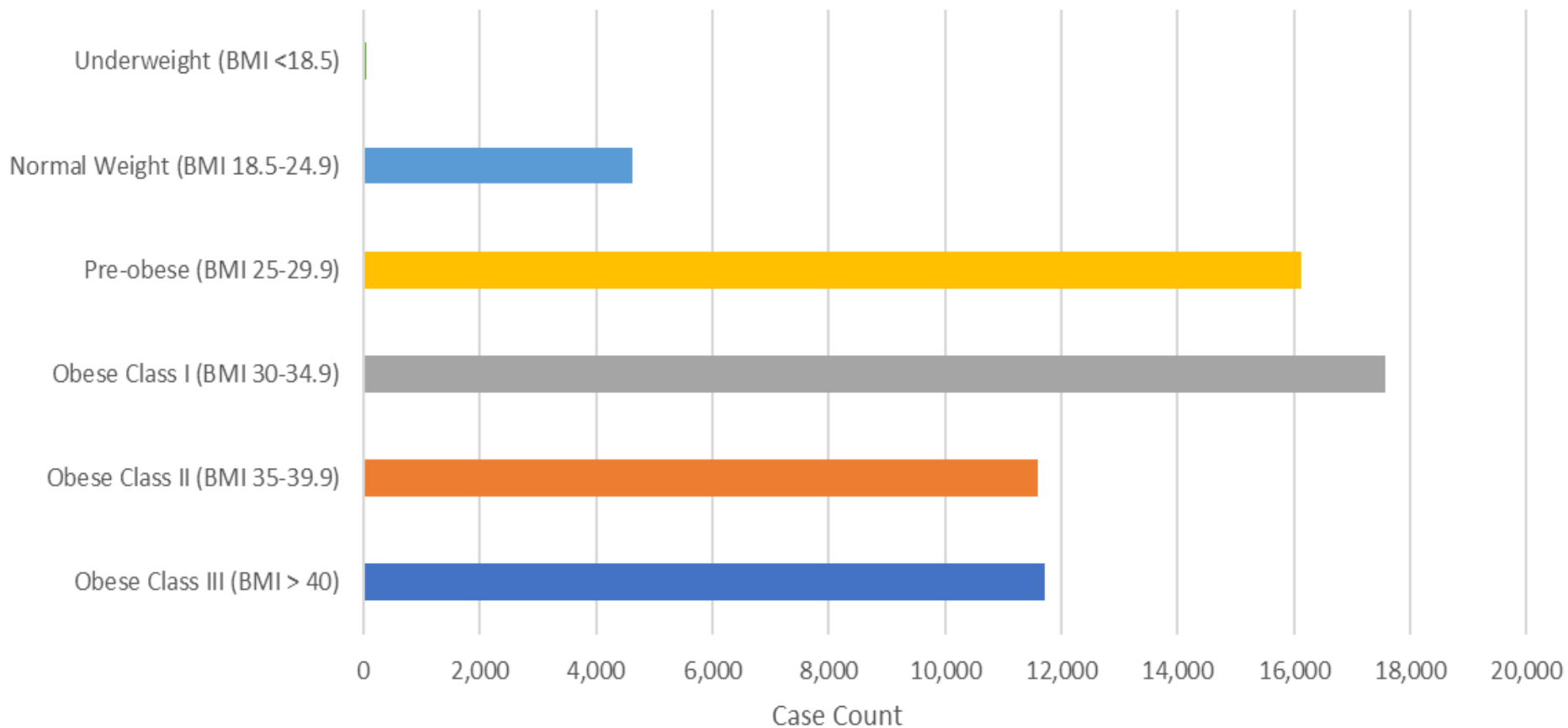
According to the CDC, in 2020 31.8% of live births were cesarean deliveries



Source: National Institutes of Health/National Heart, Lung, and Blood Institute  
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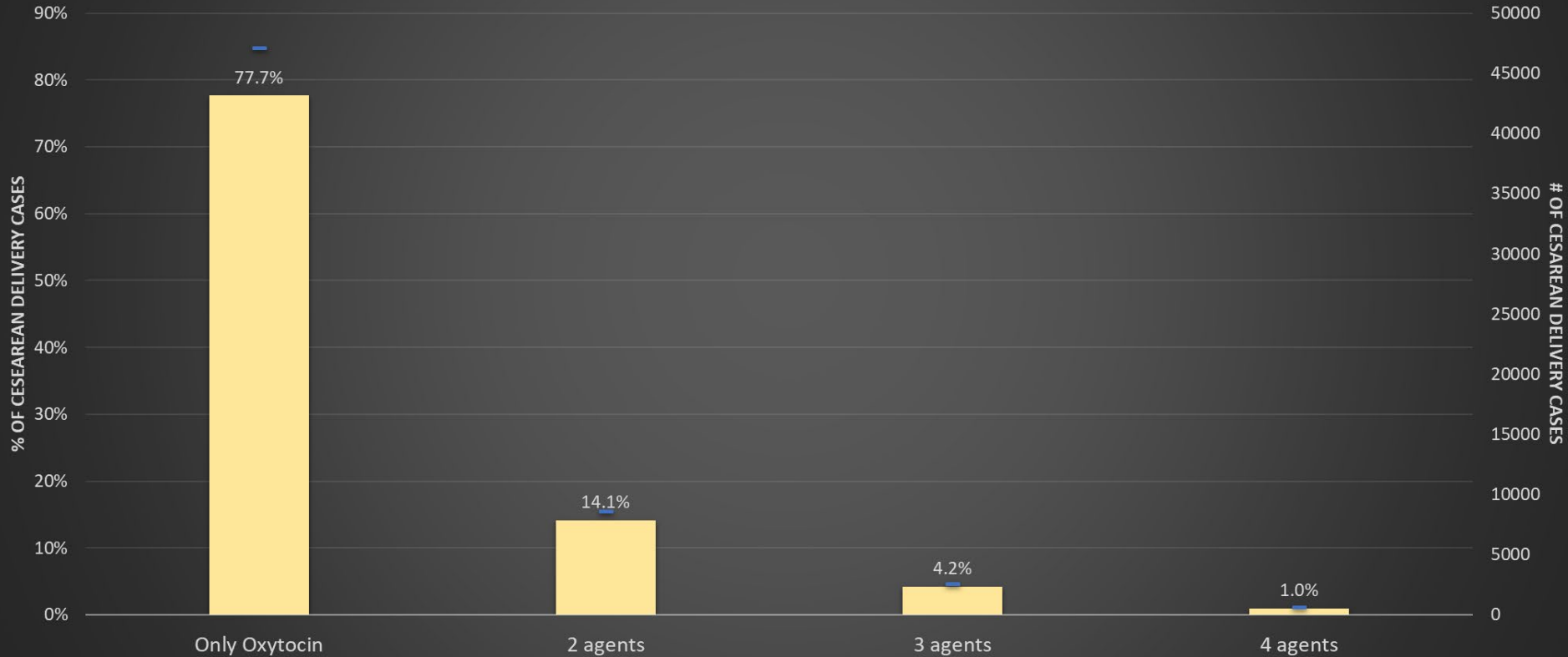
## BMI by Cesarean March 2022- Feb 2023



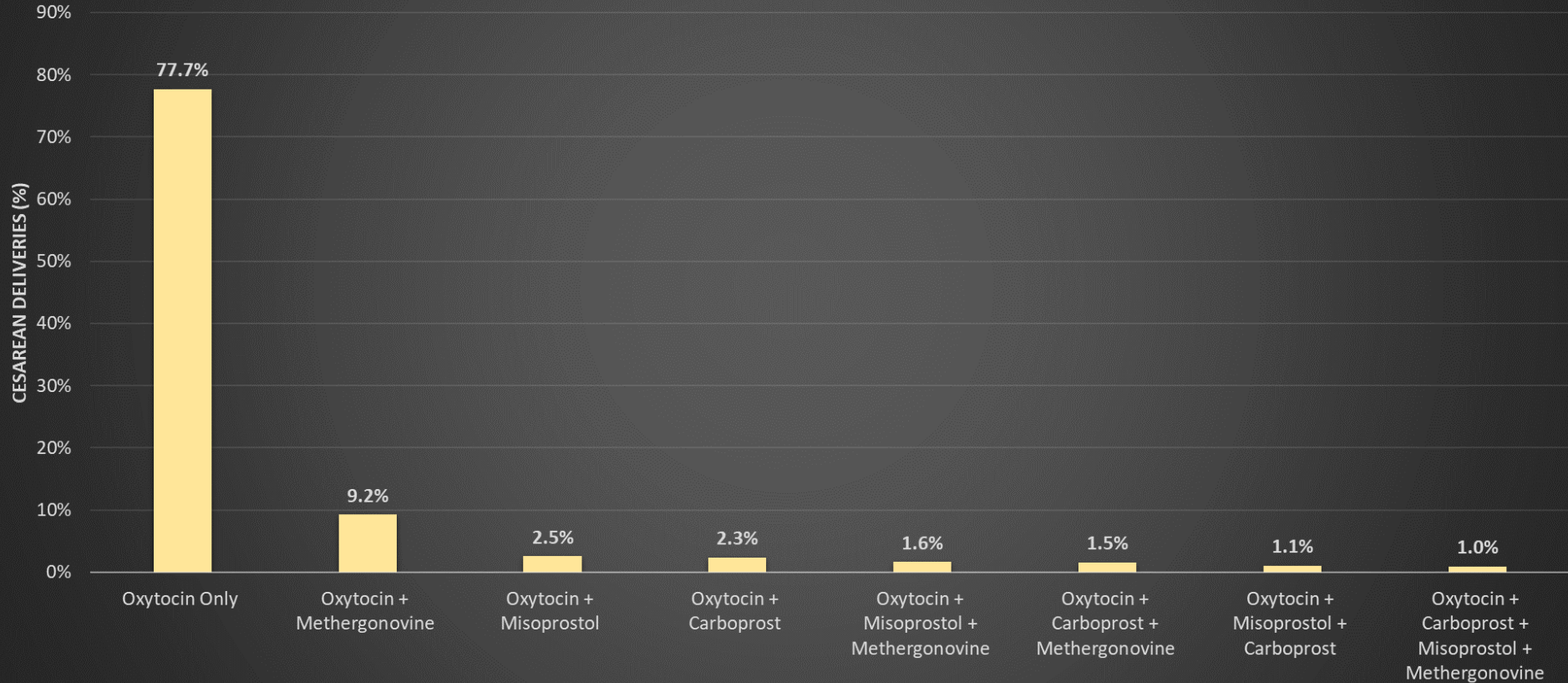
# Uterotonic Agents



Uterotonic Agents - All MPOG  
April 2022 - March 2023  
Total Cesarean Deliveries: 60,601

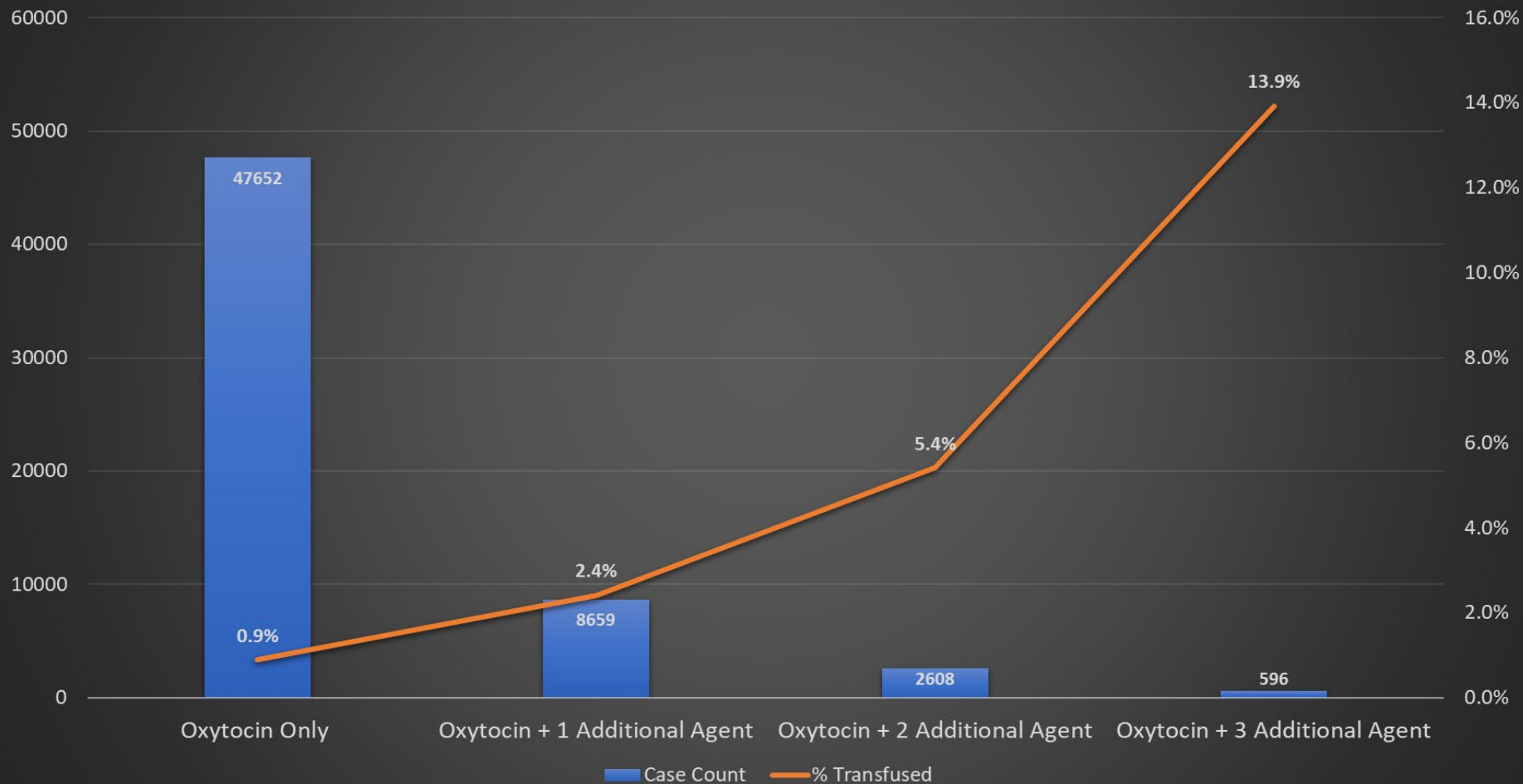


**MPOG Uterotonic Administration**  
**April 2022 - March 2023**  
**Total Cesarean Deliveries: 60,601**



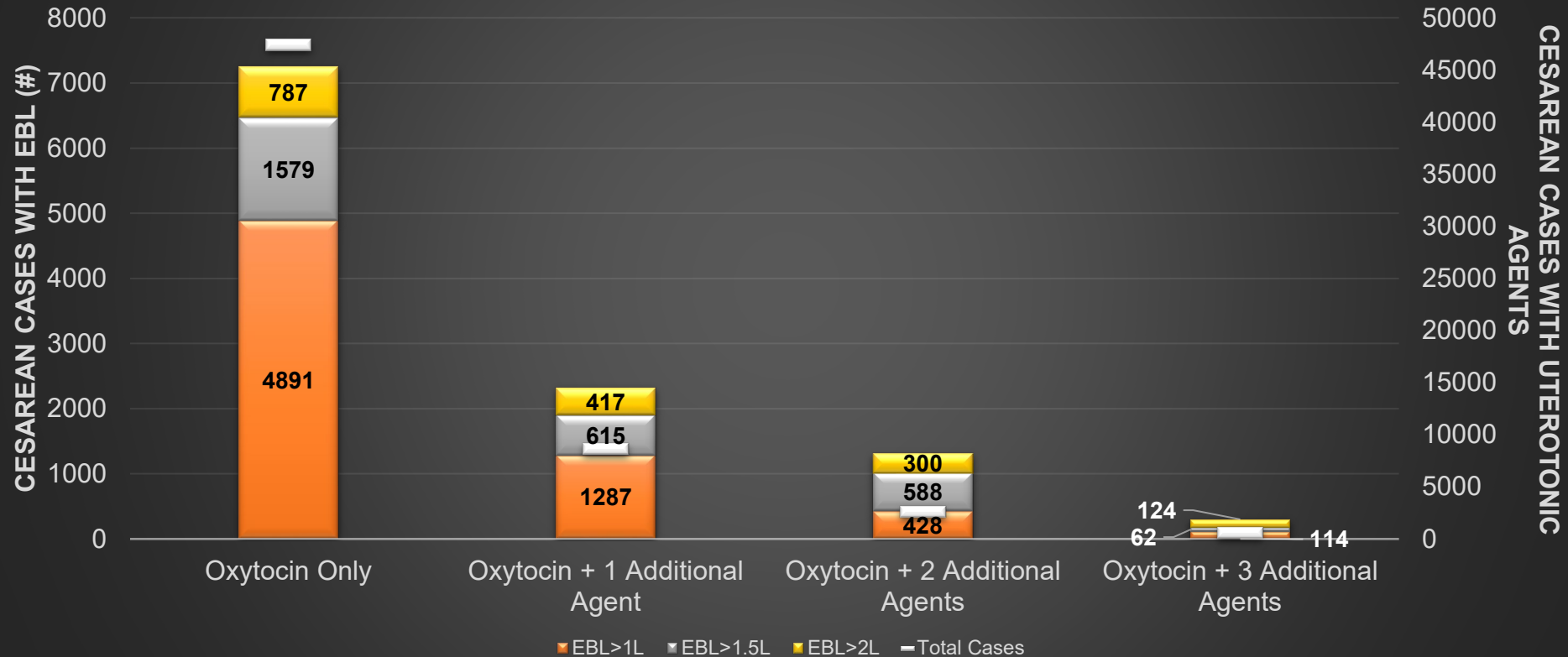
**Uterotonic Agents Included:**  
- Oxytocin      - Carboprost  
- Misoprostol   - Methergonovine

## Transfusion Rates by Uterotonic Agent April 2022 - March 2023

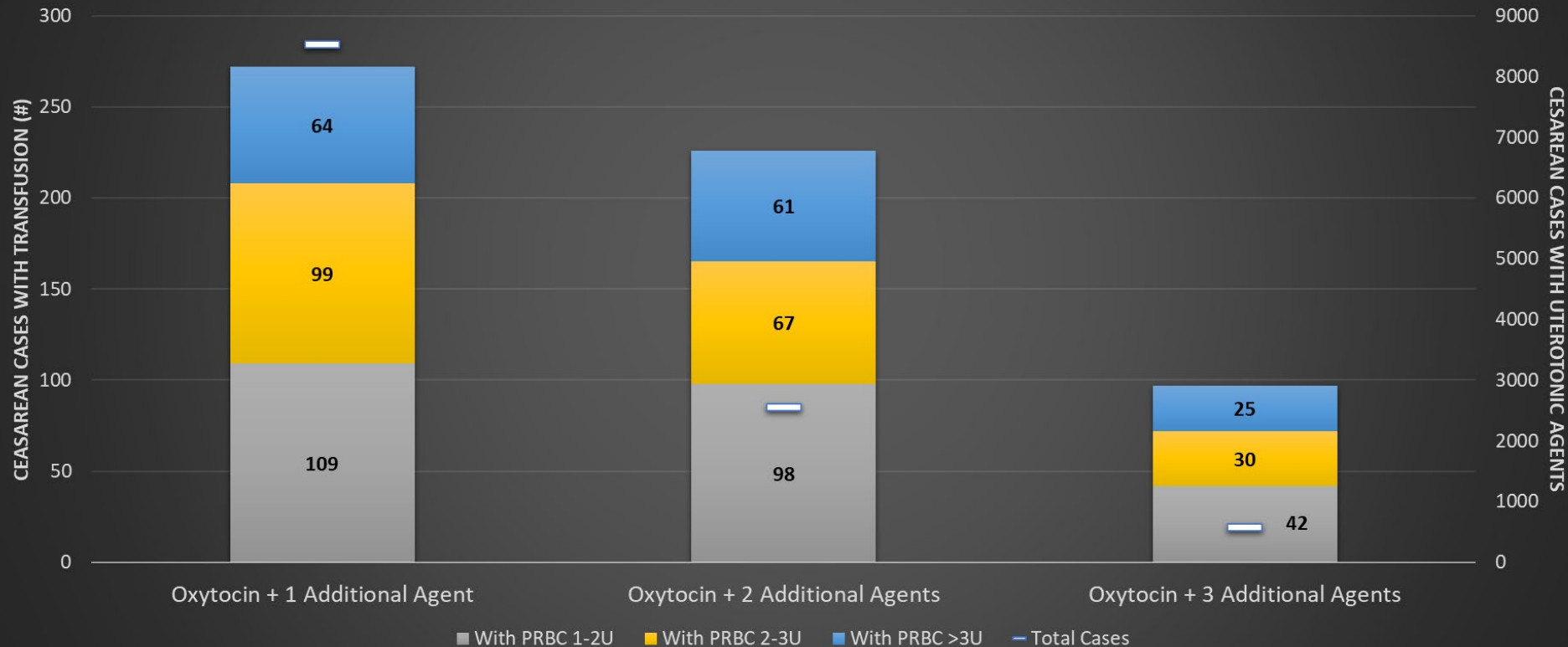




## Uterotonic Agents and EBL April 2022 -March 2023



**Uterotonic Agents and Transfusion**  
**April 2022 - March 2023**  
**Cesarean Delivery Cases: 60,601**



# THANK YOU!

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