



# Retreat 2018: Afternoon Session

# Agenda

13:00 – 13:15

## **MPOG Development / QI Update**

Nirav Shah, MD

13:15 – 14:00

## **The Celebrated Fall of the P Value: Time for a New Paradigm**

Elizabeth Whitlock, MD, MS

University of California San Francisco

14:00– 14:15

## **MPOG QI Story**

Timur Dubovoy, MD

Michigan Medicine

14:15 – 14:30

## **MPOG Feedback Session**

Leif Saager, MD, MMM

14:30 – 14:45

## **Measuring Variability in Intraoperative Opioid Use via Oral Morphine Equivalents**

Douglas Colquhoun, MB, ChB, MSc, MPH

14:45 - 15:00

## **Wrap up**

Nirav Shah, MD



Roundtable  
discussions –  
3-4pm

- Discuss and Recruit for Initiative for Multicenter Perioperative Clinical Trials (IMPACT)
  - Opioid – Mike Aziz
  - Ventilation – Randal Blank
- Updates on Enhanced Observational Study (EOS) - Kai Kuck – University of Utah
- Q & A for Prospective MPOG Sites - Katie Buehler, Douglas Colquhoun and Tory Lacca – MPOG CC
- Q & A for Prospective Study of Perioperative Experience and Recovery (PROSPER) - Nicole Pescatore – MPOG CC



# QI Update

Nirav Shah, MD

Previous  
Measure  
Commitments

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Transfer of Care to ICU (MIPS 427)

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Prevention of PONV: Combination Therapy  
for Pediatrics (MIPS 463)

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Avoiding Myocardial Injury - Troponin < 0.6  
(CARD 02)

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Protective Lung Ventilation Strategy:  
Application of PEEP (PUL 03)

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Preoperative Beta-Blocker in Patients with  
CABG Surgery for QCDR program (MIPS 44)

## Previous Measure Commitments

Transfer of Care to ICU (TOC 03)

Prevention of PONV: Combination Therapy  
for Pediatrics (PONV 02)

Avoiding Myocardial Injury - Troponin  $< 0.6$   
(CARD 02)

Protective Lung Ventilation Strategy:  
Application of PEEP (PUL 03)

Preoperative Beta-Blocker in Patients with  
CABG Surgery for QCDR program (MIPS 44)

# Survey Results in January 2018

<b>Measure</b>	<b>Average Score (1-5)</b>
<b>Incidence of PONV in PACU</b>	4.28
<b>Opioid Administration</b>	4.00
<b>Alternative Intraoperative Hypotension</b>	3.56
<b>Alternative Hyperglycemia</b>	3.48
<b>PACU Pain Score</b>	3.44

# Survey Results in January

<b>Measure</b>	<b>Average Score (1-5)</b>
<b>Incidence of PONV in PACU</b>	4.28
<b>Opioid Administration</b>	4.00
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<b>PACU Pain Score</b>	3.44



### Transfusion Management

TRAN-01

✘ 81% Target 90%

TRAN-02

✔ 90% Target 90%

### Blood Pressure

BP-01

✔ 99% Target 90%

BP-02

✔ 95% Target 90%

### Pulmonary

PUL-01

✔ 98% Target 90%

PUL-02

✘ 79% Target 90%

### Fluids

FLUID-01-NC

ℹ 99%

FLUID-01-C

ℹ 83%

### Medication Overdose

MED-01

✔ 100% Target 95%

TEMP-01

✔ 93% Target 90%

### Normothermia

TEMP-02

✔ 94% Target 90%

TEMP-03

✔ 99% Target 90%

### Avoiding MI

CARD-02

✔ 100% Target 95%

TOC-01

✘ 1% Target 90%

### Transfer of Care

TOC-02

✔ 96% Target 90%

TOC-03

✔ 93% Target 90%

### AKI

### PONV

AKI-01 Risk Adjusted Performance

✔ 92% Target 90% Unadjusted Performance 91%

PONV-01

✘ 85% Target 90%

PONV-02

✘ 73% Target 90%

# CARD 01

Troponin > 1.0





- MPOGs audit tool for QI (and research)
- Linked to MPOG case ID
- Web/cloud based

#### 5. Background

	Yes
Introductions (Nursing/Anesthesia/Surgery) ⓘ	<input type="radio"/>
Identification of Patient ⓘ	<input type="radio"/>
Pertinent PMH/PSH ⓘ	<input type="radio"/>
Discussion of Procedure Performed ⓘ	<input type="radio"/>
Allergies ⓘ	<input type="radio"/>
Contact Precautions (if applicable)	<input type="radio"/>

#### 6. Anesthetic Management

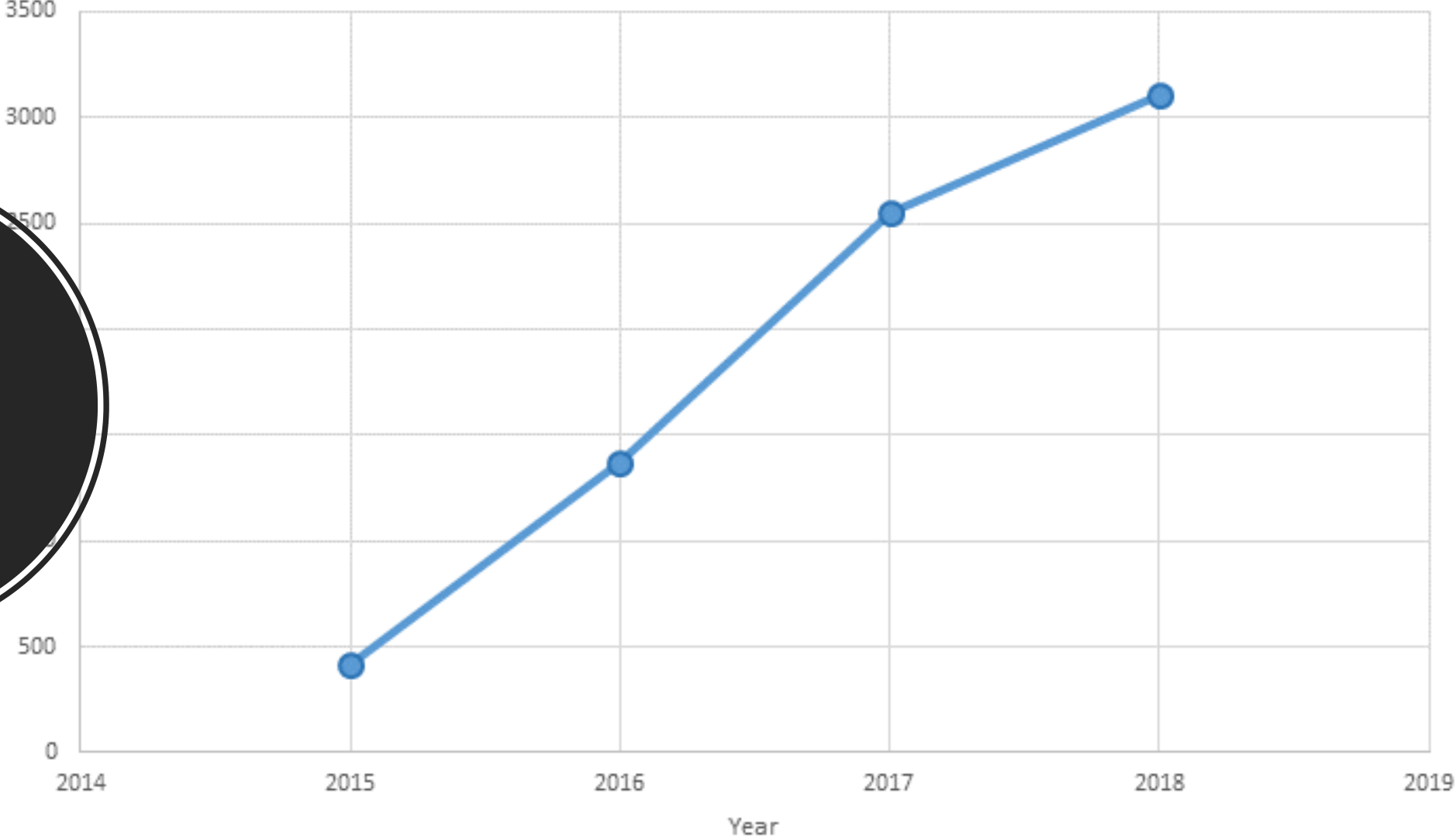
	Yes
Airway management (Mask/LMA/ETT) ⓘ	<input type="radio"/>
Type of anesthetic (general vs. sedation) ⓘ	<input type="radio"/>
Anesthetic Complications/Primary Concerns ⓘ	<input type="radio"/>



# Perioperative Transfusion Stewardship Toolkit

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Providers Emailed by Year



Monthly  
Email  
Growth



# Quality Committee

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- Traditionally, informal discussions and “voting”
- Coordinating Center driven agenda
- Now, more QI stories. Sites hearing from other sites
- Future, formal processes for approving measure updates
- Stay nimble, but acknowledge our growth



## QCDR

- ~275 providers
- Changing CMS requirements
- Harmonization with self-reported measures
- Disconnect with improvement in patient care
- Large effort



## MOCA®

- ~175 providers
- Steady requirements
- Minimal additional work
- Overlap with MPOG QI measures
- Medium Effort for CC



Challenges and  
opportunities  
ahead

Preop/PACU/Patient  
Reported data

DataDirect  
Enhancements

Moving beyond measure  
dashboards and emails



Thank you

We'll be around afterwards to discuss any of these topics in more detail

Next Up....



**Elizabeth Whitlock, MD, MS**

Assistant Professor

University of California San Francisco