MPOG
MULTICENTER PERIOPERATIVE
OUTCOMES GROUP

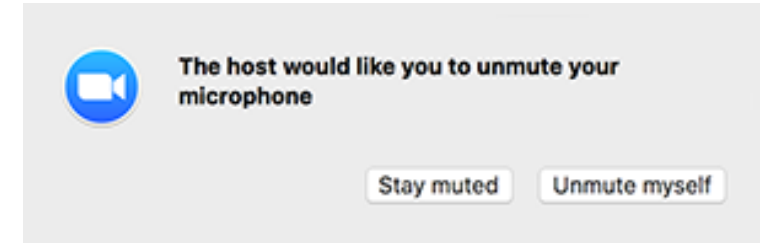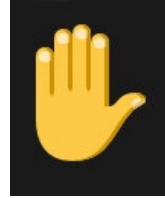MPOG Retreat
Friday, October 8, 2021

Welcome!

We will begin shortly...

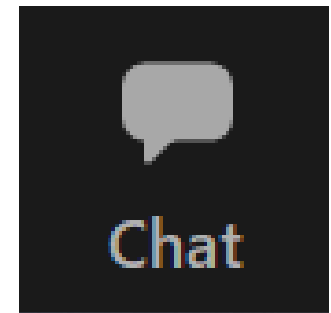## Virtual Participant Housekeeping

Two ways to ask a question:

- **To speak**
  - Use the 'Raise Hand' button
  - The host will call your name and you will be enabled to speak
  - If you join the webinar by phone, dial *9 to raise your hand

- **Send Question via Chat**
  - Click the 'Chat' button to open the chat panel
  - Type your message in the text box and a member of the Coordinating Center will read your question

The host would like you to unmute your microphone
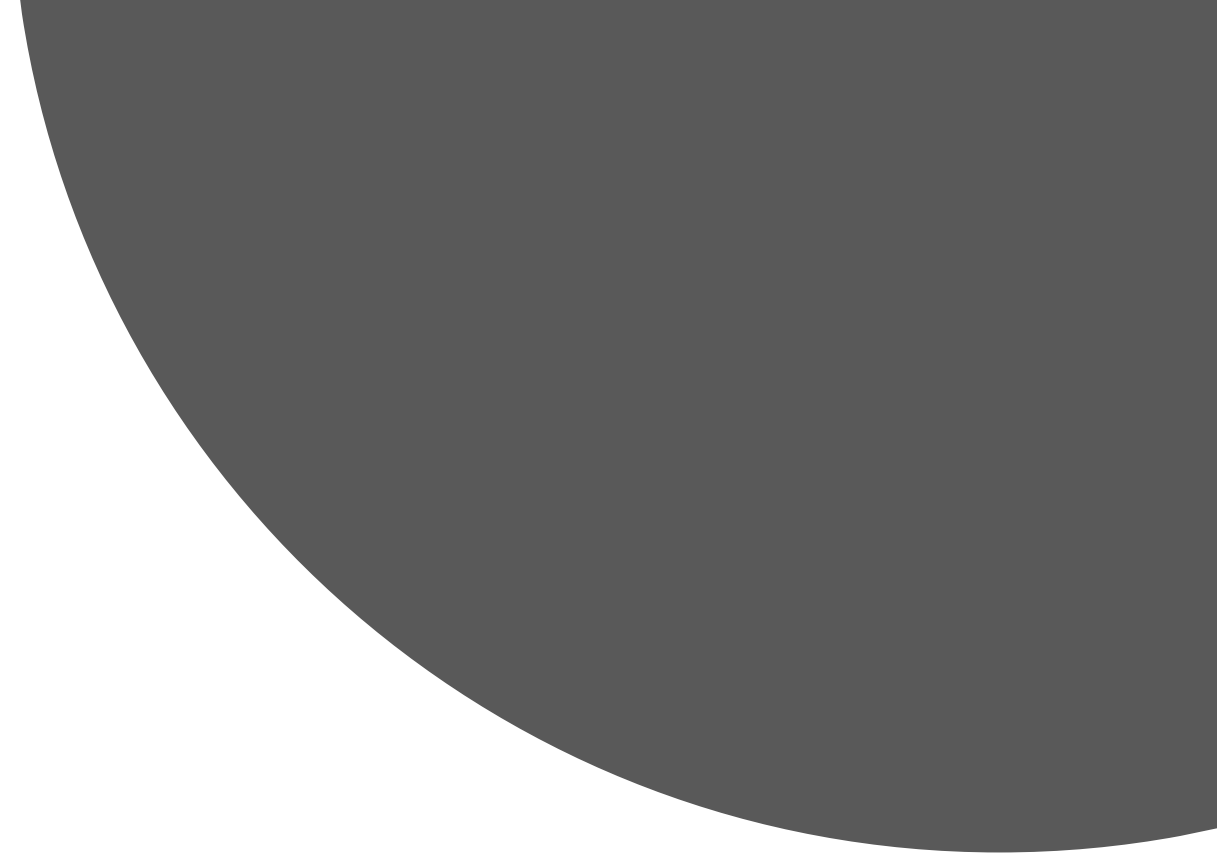
Stay muted   Unmute myself

Chat

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In-Person Participant Housekeeping

- Please make sure you complete the ResponsiBLUE COVID screening
  - responsiblue.umich.edu/home

- Masks must be worn at all times (unless eating)
- If you want to ask a question, please go to the microphones in the front of the room
- Wifi Information
  - Name: MPOG
  - Password: retreat2021
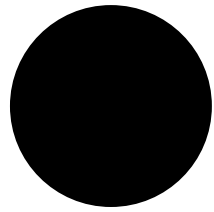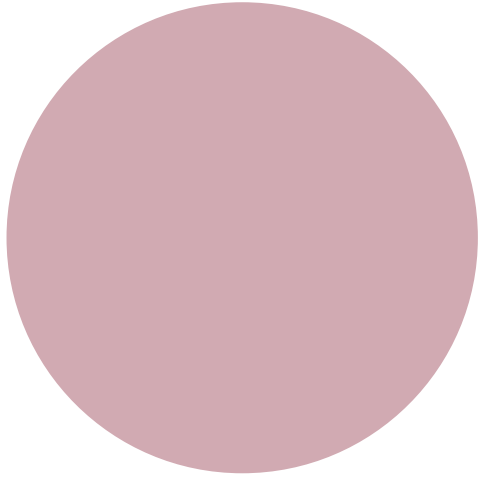
Upcoming Events

ASPIRE / MSQC Collaborative Meeting

Friday, April 8, 2022

Schoolcraft VisTaTech Center

ASPIRE Collaborative Meeting

Friday, July 15, 2022

MSU Henry Executive Center

MPOG Retreat

Friday, October 21, 2022

New Orleans, Louisiana

MPOG 2021 Annual Retreat
Status Update

Sachin Kheterpal
October 8, 2021

Thank you

- Your continued focus on advancing perioperative patient care

- Joining us today virtually or in person

- Adhering to vaccination and masking guidelines to make things safer

- Staying engaged online when so many distractor

Thanks

- Kevin Tremper
- Mark Dehring
- Genevieve Bell
- Shelley Vaughn
- Jay Jeong
- Jeremy Jared
- Tomas Medina
- Mike Mathis
- Nicole Pescatore
- George Mashour
- Sandra Rozek
- Manal Saad
- MPOG chairs, PIs , ACQRs, quality champions, and software developers
- All the clinicians, IT staff, and administrators out there

Nirav Shah

Tory Lacca

Chris Heiden

Anik Sinha

Robert Coleman

Mike Burns

Allison Janda

Douglas Colquhoun

Ben Cloyd

Ronnie Riggar

Andrew Zittleman

Baorong Shi

Katie Buehler

John Vandervest

Michelle Romanowski

Brooke Bogart-Szymanski

Jenny Mace

Nick Douville

Meridith Bailey

David Clark

Chelsea McKinney

Rachel Hurwitz

Tiffany Malenfant

Calvin Shenk

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This has been quite a year…

A difficult but productive year at MPOG coordinating center & sites

- Many personal challenges for faculty and staff over last year

- Welcome new contributing sites
  - University of Wisconsin
  - University of Florida, Jacksonville
  - Metro Health, Michigan
  - Spectrum Health, Michigan

  - University of North Carolina
  - Medical College of Wisconsin
  - Mid Michigan Health, Michigan

- We finally stopped counting the number of states, health systems, publications, and quality metrics
  - > 22 states, > 50 hospitals/health systems, > 17M anesthetic records
  - Major new quality metrics, > 5000 clinicians engaged monthly

- Almost all sites converted to latest MPOG integration software ("Import Manager")

- Great success on research grants front

UW Medicine
UW SCHOOL OF MEDICINE

OREGON HEALTH & SCIENCE UNIVERSITY
OHSU

THE UNIVERSITY WISCONSIN MADISON
W

THE UNIVERSITY OF CHICAGO MEDICINE

Froedtert & MEDICAL COLLEGE OF WISCONSIN

BRONSON
Battle Creek
Kalamazoo

Holland Hospital

MERCY HEALTH
Mercy Muskegon
Mercy St. Mary Grand Rapids

Beaumont
Dearborn
Farmington Hills
Grosse Pointe
Royal Oak
Taylor
Trenton
Troy
Wayne

M MICHIGAN MEDICINE UNIVERSITY OF MICHIGAN

M METRO HEALTH UNIVERSITY OF MICHIGAN HEALTH

SAINT JOSEPH MERCY HEALTH SYSTEM
A Member of Trinity Health
Ann Arbor
Chelsea
Livingston
Oakland

M MidMichigan Health

ST. MARY MERCY LIVONIA

HenryFord HEALTH SYSTEM
Allegiance
Detroit
Macomb
West Bloomfield
Wyandotte

Sparrow

Cleveland Clinic

University of Vermont MEDICAL CENTER

Dartmouth-Hitchcock

MASSACHUSETTS GENERAL HOSPITAL

BWH BRIGHAM AND WOMEN'S HOSPITAL

Yale University School of Medicine

Columbia University Medical Center

Memorial Sloan Kettering Cancer Center

Weill Cornell Medicine

NYU Langone MEDICAL CENTER

Penn Medicine

UNIVERSITY of VIRGINIA HEALTH SYSTEM

DukeHealth

UNC SCHOOL OF MEDICINE

Wake Forest School of Medicine

UT THE UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER COLLEGE of MEDICINE

VANDERBILT UNIVERSITY MEDICAL CENTER

UFHealth UNIVERSITY OF FLORIDA HEALTH

UCSF

Stanford MEDICINE

UCLA Health

UNIVERSITY OF UTAH HEALTH CARE

CU Medicine

OU Medicine

THE UNIVERSITY OF TEXAS MD Anderson Cancer Center

UAMS University of Arkansas for Medical Sciences

Washington University in St.Louis SCHOOL OF MEDICINE

What did we say last year and how are we doing?

- **Do more with the data we have**
  - Cleaning up our "phenotypes" and "collations"
  - Hiding ones that aren't ready for broad consumption
  - Emphasizing ones that are ready
  - Use quality metrics as exposures and outcomes
  - Use DataDirect to define 90% of inclusion/exclusion criteria
  - Focus on research and QI topics leveraging recent, high-quality data

- **Enhance research and QI integration**
  - Communicate well between the two missions
  - Use existing shared infrastructure
  - Find more opportunities for shared work

Report card
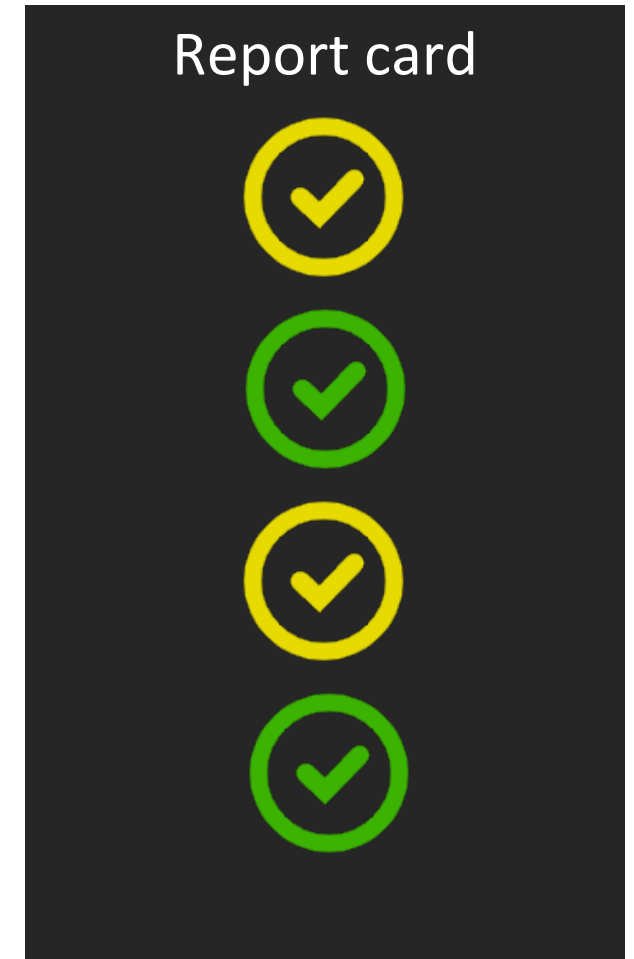
Progress

- Research operations and redundancy
  - Quality and maturity of research proposals and critique completely different in 2021
  - Multiple MPOG sites leading NIH, ABA, and industry funded projects

- Quality improvement
  - Measure review process ensures science affects measures
  - Learning how to help each MPOG department manage overall quality mission

- Technical infrastructure
  - Transition to import manager enables new generation of functionality
  - New dashboards infrastructure in place, but needs further investments

- People
  - We need to take care of each other
  - Sometimes we need to slow down to appreciate how far we have come already

Where are we headed?

- Getting closer to the patient, daily clinical care, and society
  - THRIVE trial – the best 6.5 years of our lives
  - ProView for education, clinical benchmarking
  - Focus on environmental impact of anesthesia; only MPOG can research and implement

- Research
  - Templates and grant text for MPOG sites to build competitive proposals
  - Mentored training grants, investigator-initiated R-level projects across MPOG sites
  - Pragmatic clinical trial proposals led by MPOG sites

- Quality
  - Geriatric patient quality measures, delirium focus
  - Understanding each site's needs beyond the data to QI implementation

- Infrastructure
  - Invest more into technical infrastructure maintenance, updates, and documentation
  - AI and ML built into our daily processes

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Summary

- Continued growth in impact

- Success in grant funding, transforming MPOG into focus areas
  - Quality improvement
  - Observational research
  - Prospective pragmatic clinical trials

- Some growing pains that we are focusing upon

- Maturing our measures, our feedback, and our quality efforts