

# COVID-19 Infection: What Obstetricians Need to Know

Tuesday, January 26, 2021

11:00 AM – 8:00 PM ET

## Postgraduate Course Registration Fees (USD):

550 Non-members | 425 Members (Regular, Affiliate, Associate, Emeritus) | 275 Members (Fellow, Resident, Medical Student, Practice Professional)

## CME Credits: 7.0

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education through the joint providership of Global Learning Collaborative (GLC) and SMFM. GLC is accredited by the ACCME to provide continuing medical education for physicians.

Global Learning Collaborative designates this enduring material for a maximum of **7.0** AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## Course Director(s)

- Emily S. Miller, MD, MPH
- Torri Metz, MD, MSCR

## Course Faculty

- Dena Goffman, MD
- Christina S. Han, MD
- Brenna L. Hughes, MD, MSc
- Naima Joseph, MD, MPH
- Luis D. Pacheco, MD
- Sindhu Srinivas, MD, MSCE

## Course Description

The COVID-19 pandemic is unlikely to be resolved prior to the time of the meeting. With a large volume of emerging data, it is difficult for practitioners to keep up. This course will summarize the best available evidence as it relates to COVID-19 infection in pregnancy.

## Learning Objectives

- To review the established pathophysiology and epidemiology of COVID-19 as it pertains to obstetric and perinatal health.
- To understand the nuances of various testing strategies and platforms utilized in obstetric health systems.
- To describe best practices related to management of women with suspected or confirmed COVID-19 infection in pregnancy.
- To describe strategies to minimize risks to women, newborns and healthcare workers during a pandemic.

**Course Schedule (All times Eastern Standard Time)**

Time	Lecture Title	Faculty
<b>Group 1: What Do We Know About COVID-19 Infection in Obstetric Populations?</b>		
11:00 AM – 11:20 AM	What is COVID-19?	Han
11:20 AM – 11:40 AM	Are pregnant women at higher or lower risk than non-pregnant individuals of COVID-19 acquisition and morbidity?	Goffman
11:40 AM – 12:00 PM	Are there pregnancy-specific risks of COVID-19 infection?	Miller
<b>Group 2: Testing Considerations</b>		
12:00 PM – 12:20 PM	Epidemiologic Principles of Testing	Srinivas
12:20 PM – 12:40 PM	Testing Platforms for SARS-CoV-2	Han
12:40 PM – 1:00 PM	Panel Discussion with Questions from Audience	Han, Goffman, Miller, and Srinivas
<b>Group 3: In-Patient Considerations for Management of Women with COVID-19 Infection</b>		
1:30 PM – 2:00 PM	How to Set-Up an OB COVID Unit (including OB simulation)	Miller
2:00 PM – 2:20 PM	What is Appropriate Personal Protective Equipment for obstetric care?	Goffman
2:20 PM – 2:40 PM	How should obstetric management be modified in the setting of COVID-19?	Joseph
2:40 PM – 3:00 PM	Panel Discussion with Questions from Audience	Miller, Goffman, and Joseph
<b>Group 4: Out-Patient Considerations for Management of Women with COVID-19 Infection</b>		
4:00 PM – 4:20 PM	Optimizing Telemedicine and Virtual Care Practices	Srinivas
4:20 PM – 4:40 PM	Do Women with COVID-19 Managed in the Out-Patient Setting Require Additional Surveillance?	Hughes
4:40 PM – 5:00 PM	Panel Discussion with Questions from Audience	Srinivas and Hughes
<b>Group 5: Critical Care for Women with COVID-19 Infection</b>		
5:00 PM – 5:30 PM	Critical Care Considerations that are Unique to Pregnant Women	Pacheco
5:30 PM – 5:50 PM	Maternal Mortality from COVID-19 Infection	Metz
5:50 PM – 6:00 PM	Panel Discussion with Questions from Audience	Pacheco and Metz
<b>Group 6: Controversies in COVID-19 Management</b>		
6:30 PM – 6:50 PM	Are there therapeutic options for COVID-19 in pregnancy?	Hughes
6:50 PM – 7:10 PM	Is the end of this pandemic in sight?	Joseph
7:10 PM – 7:30 PM	Panel Discussion with Questions from Audience	Hughes and Joseph
<b>Wrap Up</b>		
7:30 PM – 8:00 PM	Wrap Up	Metz and Miller

# Inequities in Maternal Outcomes from Recognition to Reduction: A Practical Skills Approach

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## Course Director(s)

- Aviva Lee-Parritz, MD
- Sarahn M. Wheeler, MD

## Course Faculty

- Allison Bryant Mantha, MD, MPH
- Dana-Ain Davis, PhD
- Kacey Eichelberger, MD
- Serdar Ural, MD

## Course Description

Recent national events have shined a light on systemic racism that is pervasive within our society and in medicine. This course will empower MFM providers to recognize the roots of healthcare inequities within systemic racism and provide tangible skills to lead meaningful efforts for change at the policy, system and individual provider levels.

## Learning Objectives

- Recognize the impact of racism at the individual, institutional and system levels leading to inequities in maternal outcomes
- Develop practical skills to leverage advocacy, data analytics and quality improvement to advance meaningful change
- Gain tools ranging from implicit, bystander interventions and cross-cultural communication to promote respectful care

**Course Schedule (All times Eastern Standard Time)**

<b>Time</b>	<b>Lecture Title</b>	<b>Faculty</b>
<b>11:00 AM – 11:15 AM</b>	Introduction	Lee-Parritz and Wheeler
<b>11:15 AM – 12:15 PM</b>	Keynote Address – Addressing Disparities at the Advocacy Level: Racism NOT Race is the root of inequities	Davis
<b>12:15 PM – 1:00 PM</b>	Current Data on Disparities in Maternal Outcomes	Eichelberger
<b>1:30 PM – 2:30 PM</b>	Quality & Reducing Disparities at the System Level	Bryant Mantha
<b>2:30 PM – 3:00 PM</b>	Q&A	Davis, Eichelberger, and Bryant Mantha
<b>4:00 PM – 5:00 PM</b>	Implicit Bias Train the Trainer	Ural and Wheeler
<b>5:00 PM – 6:00 PM</b>	Cross Cultural Communication Tools	Wheeler
<b>6:30 PM – 7:45 PM</b>	Bystander Intervention Skills Train the Trainer Session	Wheeler and Ural
<b>7:45 PM – 8:00 PM</b>	Wrap Up and Debrief	Lee-Parritz and Wheeler

# The Completely Un-Routine: Rare Maternal Diseases & Complex Fetal Syndromes – Their Diagnosis and Management

Tuesday, January 26, 2021

11:00 AM – 8:00 PM ET

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## CME Credits: 7.0

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## Course Director(s)

- Christina Han, MD
- Lorelei Thornburg, MD

## Course Faculty

- Kerri Brackney, MD
- Bryann Bromley, MD, MS
- Aaron Dom, MD, MS
- Sarah Dotters-Katz, MD, MSPH
- Anna Euser, MD, PhD
- Andrea L. Greiner, MD, MHA
- Torre Halscott, MD, MSCR
- Odessa P. Hamidi, MD
- Zi Qi Liew, MD
- Nicole Masse, MD
- Samantha J. Mullan, MD
- Anthony Odibo, FRCOG, MD, MSCE
- Rashmi Rao, MD
- Megan Savage, MD
- Thalia Mok, MD
- Brett C. Young, MD

## Course Description

No one sees and cares for more heterogeneous and complex rare maternal and fetal disease in pregnancy than MFM physicians. These can be life-threatening conditions in pregnancy for women, and when these conditions are encountered in ultrasound be significant diagnostic dilemmas. This  
As of 11/17/2020

*\*All times Eastern Standard Time*

course aims to provide structured content and discussion around maternal and fetal diagnostic and care dilemmas for when the truly “unroutine” is encountered.

### Learning Objectives

- Understand approach to patient with rare maternal and fetal diseases with limited data during pregnancy
- Develop care plans for rare disease management in pregnancy by a multidisciplinary care team
- Describe the approach to complex fetal anomaly evaluation and management
- Understand the intersection of embryologic structures resulting in patterns of anomalies
- Discuss available resources for rare diseases and registries, as well as medication safety
- Review images and findings for complex anomaly syndromes, including imaging pearls
- Review findings and cases for complex maternal syndromes, including management pearls

### Course Schedule (All times Eastern Standard Time)

Time	Lecture Title	Faculty
11:00 AM – 11:30 AM	Liver Disease in Pregnancy	Greiner
11:30 AM – 12:00 PM	"Rare emerging diseases"- pandemic preparation	Dotters-Katz
12:00 PM – 12:30 PM	Neuromuscular/ neuropsychiatric disorders	Thornburg
12:30 PM – 12:45 PM	Fellow Case #1	Mullan
12:45 PM – 1:00 PM	Fellow Case #2	Dom
1:30 PM – 2:00 PM	Fevers of unknown origin workup in pregnancy	Halscott
2:00 PM – 2:30 PM	Rare GYN findings on OB ultrasound	Han
2:30 PM – 2:45 PM	Fellow Case #3	Liew
2:45 PM – 3:00 PM	Fellow Case #4	Mok
4:00 PM – 4:30 PM	Bleeding & hematologic disorders	Young
4:30 PM – 5:00 PM	Fetal tumors/malignancies	Rao
5:00 PM – 5:30 PM	Fetal chest masses & abnormalities (beyond the heart)	Odibo
5:30 PM – 5:45 PM	Fellow Case #5	Euser and Hamidi
5:45 PM – 6:00 PM	Fellow Case #6	Savage
6:30 PM – 7:00 PM	Fetal craniofacial abnormalities	Bromley
7:00 PM – 7:30 PM	Rare hematologic disorders – Fetal	Young
7:30 PM – 7:45 PM	Fellow Case #7	Masse
7:45 PM – 8:00 PM	Fellow Case #8	Brackney

# Putting the “S” back into MFM: Obstetric Surgery in 2021

Tuesday, January 26, 2021

11:00 AM – 7:00 PM ET

## Postgraduate Course Registration Fees (USD):

550 Non-members | 425 Members (Regular, Affiliate, Associate, Emeritus) | 275 Members (Fellow, Resident, Medical Student, Practice Professional)

## CME Credits: 6.0

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## Course Director(s)

- Scott A. Shinker, DO, MS
- Alireza A. Shamshirsaz, MD

## Course Faculty

- Vincenzo Berghella, MD
- Steven Clark, MD
- Karin Fox, MD, Med
- Corinna Oxford-Horrey, MD
- Lynn Simpson, MD
- Lorelei L. Thornburg, MD
- Edward Yeomans, MD
- Lisa Zuckerwise, MD

## Course Description

Putting the “M” back in MFM was a necessary national campaign to address the rising maternal morbidity and mortality rate. As MFM's expand their inpatient presence and are tasked with coordinating and providing care for the expanding complexities encountered in modern day obstetrics, surgical innovation is often needed. Along with the rising cesarean section rate, increasing rates of maternal obesity and other co-morbidities are being encountered by MFMs and presenting new challenges to obstetric surgery. This course will provide attendees practical, evidenced based approaches to obstetric surgery in the surgically complex patient and will allow for a forum in which to learn from national experts.

## Learning Objectives

- Review an evidence-based approach to cervical cerclage including abdominal cerclage
- Describe techniques to be used in obese patients for prenatal diagnosis, diverse needle procedures, and cesarean. delivery
- Detail both standard and innovative surgical approaches for the management of postpartum hemorrhage
- Develop the necessary background and knowledge to make objective choices when evaluating the various surgical approaches to placenta accreta spectrum

## Course Schedule (All times Eastern Standard Time)

Time	Lecture Title	Faculty
11:00 AM – 11:15 AM	Welcome	Shinker and Shamshirsaz
11:15 AM – 11:45 AM	Evidence based cerclage: tips and tricks	Berghella
11:45 AM – 12:30 PM	Cesarean delivery in the morbidly obese patient: coordination and challenges	Fox
12:30 PM – 1:00 PM	Perimortem cesarean section; when, how, and where	Oxford-Horrey
1:30 PM – 2:15 PM	The importance of coordinated care for the surgically complex patient	Shinker
2:15 PM – 3:00 PM	Cesarean hysterectomy for placenta accreta spectrum	Shamshirsaz
4:00 PM – 4:30 PM	Delay hysterectomy for placenta accreta spectrum	Zuckerwise
4:30 PM – 5:00 PM	Innovations in the management of post-partum hemorrhage	Thornburg
5:00 PM – 5:30 PM	Operative vaginal delivery – an obstetric skill that should not be lost	Yeomans
5:30 PM – 6:00 PM	Performing needle procedures in the Obese Patient	Simpson
6:30 PM – 7:00 PM	Non-obstetric surgery and the pregnant patient	Clark



# Controversies in Maternal and Fetal Ultrasound (Presented by SMFM and ISUOG)

Tuesday, January 26, 2021

11:00 AM – 6:00 PM ET

## Postgraduate Course Registration Fees (USD):

550 Non-members | 425 Members (Regular, Affiliate, Associate, Emeritus) | 275 Members (Fellow, Resident, Medical Student, Practice Professional)

## CME Credits: 5.5

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Global Learning Collaborative designates this enduring material for a maximum of **5.5** AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## Course Director(s)

- Lorraine Dugoff, MD
- Asma Khalil, MD, MSC, MRCOG, MBBCh
- Magdalena Sanz Cortes, MD, PhD
- Joanne Stone, MD, MS

## Course Faculty

- Alfred Abuhamad, MD
- Ahmet A. Baschat, MBBCh, MD
- Roberto Romero, MD
- Tullio Ghi, PhD

## Course Description

At this joint SMFM/ISUOG Postgraduate Course attendees will gain an understanding of some of the controversial topics related to maternal and fetal ultrasound. Some of the topics that will be covered included learning early anatomy ultrasounds and what can and should be accomplished in the first trimester, management of fetal growth restriction, prediction of preeclampsia, screening and management of the short cervix, etc. This course is aimed at discussing hot topics in the field of ultrasound.

## Learning Objectives

- Discuss an approach for first trimester ultrasound evaluation and aneuploidy screening
- Review the approach for the ultrasound evaluation and treatment of pregnancies complicated by fetal growth restriction, the abnormally invasive placenta, fetal anemia, and a short cervix
- Describe potential clinical uses for ultrasound on labor and delivery
- Discuss the role of Doppler assessment in screening for preeclampsia and complications in twin pregnancies

**Course Schedule (All times Eastern Standard Time)**

<b>Time</b>	<b>Lecture Title</b>	<b>Faculty</b>
<b>11:00 AM – 11:15 AM</b>	Welcome and Introductions	Stone, Dugoff, Khalil, and Sanz Cortes
<b>11:15 AM – 11:55 AM</b>	First trimester ultrasound: From basic to advanced	Abuhamad
<b>11:55 AM – 12:15 PM</b>	First trimester ultrasound screening. What is the role of ultrasound markers for aneuploidy in the NIPT era?	Dugoff
<b>12:15 PM – 12:45 PM</b>	Fetal growth assessment: Which chart to use?	Stone
<b>12:45 PM – 1:00 PM</b>	Q&A	Abuhamad, Dugoff, and Stone
<b>1:30 PM – 2:00 PM</b>	Management of Fetal Growth Restriction based on ultrasound findings	Baschat
<b>2:00 PM – 2:30 PM</b>	Prediction of preeclampsia. Role for uterine artery Doppler and biochemical screening	Khalil
<b>2:30 PM – 3:00 PM</b>	Fetal anemia: Diagnosis by Doppler of the MCA PSV and management	Stone
<b>4:00 PM – 4:30 PM</b>	Doppler evaluation of complications in twin pregnancies	Khalil and Sanz Cortes
<b>4:30 PM – 5:00 PM</b>	Preterm birth and short cervix: Is cervical length screening necessary? Management plan when a short cervix is detected	Romero
<b>5:00 PM – 5:30 PM</b>	Abnormally invasive placenta and scar pregnancy. From screening to treatment	Sanz Cortes
<b>5:30 PM – 6:00 PM</b>	Ultrasound in the labor and delivery ward. Are we there yet for clinical practice?	Ghi

# Putting the "M" into MFM: Infection and Sepsis in Obstetrics

Tuesday, January 26, 2021

4:00 PM – 8:00 PM ET

## Postgraduate Course Registration Fees (USD):

\*\*0 Non-members | 0 Members (Regular, Affiliate, Associate, Emeritus) | 0 Members (Fellow, Resident, Medical Student, Practice Professional)\*\*

\*\*A \$25.00 administrative fee applies if not registered for the Scientific Sessions

**CME Credits: N/A**

### Course Director(s)

- Shad Deering, MD, FACOG
- Dena Goffman, MD

### Course Faculty

- Mike Foley, MD
- Leslie Moroz, MD
- Lisa Nathan, MD
- Cesar Padilla, MD
- Torre Halscott, MD, MSCR
- Arthur "Jason" Vaught, MD

### Course Description

As we continue our focus on the "M" in maternal-fetal medicine, this course will highlight opportunities improve maternal outcomes through sepsis bundle implementation, the use of practical strategies for sepsis recognition, treatment and ICU management including point of care ultrasound. We will also outline an approach for managing the critically ill COVID-19 sepsis obstetric patient.

### Learning Objectives

- Understand incidence of and etiologies for maternal sepsis
- Describe benefits of implementation of a maternal safety bundle for sepsis
- Identify key steps for management of sepsis including ICU considerations
- Recognizes opportunities to use point of care ultrasound in obstetric sepsis
- Observe maternal sepsis simulation and practice debriefing this high stakes obstetric emergency

**Course Schedule (All times Eastern Standard Time)**

<b>Time</b>	<b>Lecture Title</b>	<b>Faculty</b>
<b>4:00 PM – 4:15 PM</b>	Introduction	Goffman and Deering
<b>4:15 PM – 4:35 PM</b>	Maternal Safety Bundles: Sepsis in Pregnancy	Nathan
<b>4:35 PM – 4:55 PM</b>	Sepsis in Pregnancy: Recognition, Diagnosis and Management (surviving sepsis)	Vaught
<b>4:55 PM – 5:15 PM</b>	Sepsis in Pregnancy: ICU considerations (advanced treatment)	Moroz
<b>5:15 PM – 5:35 PM</b>	Sepsis in Pregnancy: Point of care ultrasound	Padilla
<b>5:35 PM – 6:00 PM</b>	Sepsis in Pregnancy: COVID-19 Critical Care	Halscott
<b>6:30 PM – 6:50 PM</b>	Moderated Q&A	Foley
<b>6:50 PM – 7:50 PM</b>	Simulation and Debriefing for Critical Illness due to Sepsis	Deering and Goffman
<b>7:50 PM – 8:00 PM</b>	Wrap Up	Deering and Goffman