

The UCLA Cardio-Obstetrics Program Presents  
**Improving Outcomes in the  
Pregnant Cardiac Patient:  
Challenges and Opportunities**



**MARCH 12, 2022**  
**LIVE VIRTUAL PROGRAM**

## Course Description

Cardiovascular disease remains the leading cause of pregnancy-related death in pregnant and postpartum women in the United States, accounting for 26.5% of pregnancy-related deaths. In review by the California Maternal Quality Care Collaborative, 25% of these deaths were felt to have had a strong/good chance to alter the outcome with better management/recognition of disease.

This symposium aims to improve the care of women with known cardiovascular disease, as well as improve recognition of signs and symptoms of cardiac issues in pregnancy, with the goal of decreasing cardiovascular, pregnancy related morbidity and mortality by improving education, and multidisciplinary planning in the care of these complex patients.

## Course Objectives

Following the completion of this program, participants should be able to:

- Identify hemodynamic changes in pregnancy, and their impact in cardiac patients.
- Learn about management of known cardiovascular conditions in pregnancy.
- Understand cardiovascular complications of pregnancy, and their short and long term ramifications for cardiovascular health.
- Recognize the importance of a multidisciplinary team in management of cardio-obstetric patients.
- Learn about peripartum management, including anesthesia management, and management of delivery complications.
- Identify tools for contraception management, counseling re: termination, genetic counseling, and fertility treatments.
- Learn about management of the critically ill pregnant cardiac patient.

## Target Audience

Adult cardiologists, including all subspecialties (heart failure, ACHD, EP, interventional)

Cardiology practice teams: NPs, RNs, sonographers, technicians

Cardiac and obstetric anesthesia teams: physicians, CRNA, techs

Obstetric teams: MFM, general OB/GYN

Obstetric practice teams: RNs, NPs

# Live Virtual Program – March 12, 2022

9:00 AM **Welcome and Introduction**  
*Yalda Afshar, MD, PhD and Jeannette Lin, MD*

## SESSION I

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9:05 AM **Cardiac Morbidity and Mortality in Pregnancy**  
*Elliott Main, MD*

9:25 AM **Hypertensive Disease in Pregnancy and Future Cardiovascular Health**  
*Karol Watson, MD, PhD*

9:40 AM **Preconception Counseling and Risk Stratification**  
*Jeannette Lin, MD*

9:55 AM **Fertility Care and Gestational Carriers**  
*Erica T. Wang, MD, MAS*

10:10 AM **Pharmacology of Cardiac Medication in Pregnancy**  
*Irving Steinberg, PharmD*

10:25 AM **Case presentation: Risk Stratification and Family Planning**  
*Negeen Shahandeh, MD*

10:30 AM **Panel Discussion**

10:40 AM **Q&A (Session I)**  
*Session I Speakers*

10:50 AM **Break**

## SESSION II

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11:00 AM **Arrhythmias in Pregnancy**  
*Jeremy Moore, MD*

11:15 AM **Heart Failure Management in Pregnancy**  
*Uri Elkayam, MD*

11:30 AM **Pulmonary Hypertension in Pregnancy**  
*Rajan Saggar, MD*

11:45 AM **Critically Ill Pregnant Patient in the ICU**  
*Michael Wolfe, MD*

12:00 PM **Anesthesia Management for the Pregnant Cardiac Patient**  
*Rich Hong, MD*

12:15 PM **Labor Management and Delivery in Cardiac Patient**  
*Yalda Afshar, MD, PhD*

12:30 PM **Break**

1:00 PM **Case Presentation: Delivery Planning**  
*Thalia Mok, MD*

1:05 PM **Panel Discussion**

1:15 PM **Q&A (Session II)**  
*Session II Speakers*

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## SESSION III

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- 1:25 PM **Keynote: Screening Toolkit for CV Risk in Pregnancy**  
*Afshan Hameed, MD*
- 1:55 PM **Contraception and Family Planning**  
*Aparna Sridhar, MD, MPH*
- 2:05 PM **Genetic Testing and Counseling with Cardiac Disease**  
*Jessica Wang, MD, PhD*
- 2:15 PM **Q&A (Session III)**
- 2:25 PM **Wrap Up and Adjourn**  
*Yalda Afshar, MD, PhD and Jeannette Lin, MD*

## Faculty

### COURSE CHAIRS

#### **Yalda Afshar, MD, PhD**

Co-Director, UCLA Cardio-Obstetrics Program  
Assistant Professor  
Division of Maternal Fetal Medicine  
Department of Obstetrics and Gynecology\*

#### **Jeannette Lin, MD**

Co-Director, UCLA Cardio-Obstetrics Program  
Associate Clinical Professor  
Director, ACHD Fellowship Program  
Ahmanson/UCLA Adult Congenital Heart Disease Center\*

### UCLA COURSE FACULTY

#### **Uri Elkayam, MD**

Professor of Medicine  
Professor of Obstetrics and Gynecology  
Director, Maternal Cardiology  
University of Southern California  
Keck School of Medicine

#### **Afshan Hameed, MD**

Clinical Professor, Obstetrics & Gynecology  
Clinical Professor of Cardiology  
UCI School of Medicine, Health Sciences  
Director, Obstetrical services; Patient Safety & Quality  
University of California, Irvine

#### **Richard W. Hong, MD**

FASA Division Chief, Obstetric Anesthesiology  
Clinical Professor  
Department of Anesthesiology and Perioperative Medicine\*

#### **Elliott Main, MD**

Clinical Professor  
Division of Maternal Fetal Medicine  
Department of Obstetrics and Gynecology  
Medical Director, California Maternal Quality Care Collaborative  
Stanford University School of Medicine

#### **Thalia Mok, MD**

Maternal-Fetal Medicine Fellow  
Department of Obstetrics and Gynecology\*

#### **Jeremy Moore, MD**

Associate Professor of Pediatrics  
Director, ACHD Electrophysiology  
Ahmanson/UCLA Adult Congenital Heart Disease Center\*

#### **Rajan Saggat, MD**

Professor of Medicine  
Director Pulmonary Hypertension Program  
Co-Director, Pulmonary Vascular Disease Program  
Lung & Heart-Lung Transplant and Pulmonary Hypertension Programs\*

#### **Negeen Shahandeh, MD**

Cardiology Fellow\*

#### **Aparna Sridhar, MD, MPH, FACOG**

Associate Professor  
Division of of Family Planning  
Department of Obstetrics and Gynecology\*

#### **Irving Steinberg, PharmD**

Associate Professor  
USC Schools Of Pharmacy and Medicine  
Associate Dean for Faculty Affairs,  
School of Pharmacy  
Director, Division of Pediatric Pharmacotherapy  
University of Southern California

#### **Erica T. Wang, MD, MAS**

Associate Professor  
Division of Reproductive Endocrinology and Infertility  
Department of Obstetrics and Gynecology  
Cedars Sinai Medical Center

#### **Jessica Wang, MD, PhD**

Assistant Clinical Professor  
Department of Cardiology\*

#### **Karol Watson, MD, PhD**

Professor of Medicine/Cardiology  
Co-director, UCLA Program in Preventive Cardiology  
Director, UCLA Barbra Streisand Women's Heart Health Program\*

#### **Michael Wolfe, MD**

Assistant Clinical Professor  
Division of Surgical Critical Care  
Department of Anesthesiology and Perioperative Medicine\*

\*David Geffen School of Medicine, UCLA

# General Information

## Fee

\$125 Physicians

\$100 Fellows, Nurses and Allied Health Professionals

## Enrollment

### Online

To register for the virtual symposium, please visit [www.cme.ucla.edu/courses/cardio-ob2022](http://www.cme.ucla.edu/courses/cardio-ob2022). You may use your MasterCard, VISA, American Express, or Discover card.

If you have questions, please contact the UCLA Office of Continuing Nursing Education at [uclacme@mednet.ucla.edu](mailto:uclacme@mednet.ucla.edu) or 310.794.2620.

## Refunds

Cancellations must be received in writing by Friday, February 25, 2022 and will be subject to a \$50 processing fee. No refunds will be granted after that date. If, for any reason, the course must be cancelled, discontinued, or rescheduled by the Office of Continuing Medical Education, a full refund will be provided.

## Accreditation

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in this activity.

## Disclosure Statement

The FDA has issued a concept paper which classified commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be disclosed to the program’s participants. In addition, Accreditation Council for Continuing Medical Education policy mandates that the sponsor adequately manage all identified potential conflicts of interest prior to the program. We, at UCLA, fully endorse the letter and spirit of these concepts.

# Improving Outcomes in the Pregnant Cardiac Patient: Challenges and Opportunities

**March 12, 2022**

Online Enrollment preferred

Visit [www.cme.ucla.edu/courses/cardio-ob2022](http://www.cme.ucla.edu/courses/cardio-ob2022)

Course Title and Number	Amount
<b>Improving Outcomes in the Pregnant Cardiac Patient</b> M212-29	
Registration Fees:	
<input type="checkbox"/> \$125 Physicians	
<input type="checkbox"/> \$100 Nurses and Allied Health Professionals	

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