Prenatal Detection of Congenital Heart Disease Symposium

Symposium directors: Jay Pruetz, MD, and Jodie Votava-Smith, MD

When: Saturday, Sept. 22, 2018
7 a.m. – 7 p.m.

Where: Children’s Hospital Los Angeles
John Stauffer Conference Room
4650 Sunset Blvd., Los Angeles, CA 90027

Co-sponsored by

Children's Hospital Los Angeles HEART INSTITUTE

Save the Heartbeat
Course Description

This inaugural one-day event will be held at Children’s Hospital Los Angeles and will bring together some of the foremost experts in fetal cardiology for an instructive and interactive program aimed at increasing prenatal detection rates and improving perinatal care for children with CHD. We will present a well-rounded, accessible program that addresses the best practices for early detection of CHD. Program highlights will include interactive case studies with audience feedback, a visit to the pathology lab, a live-scanning fetal echo and a parent-experience presentation.

Conference Goals

Every year in the United States approximately 40,000 babies are born with congenital heart disease (CHD). As prenatal detection and imaging technology have improved over the last several decades, we’re at the point where we can make high-level, detailed diagnoses of cardiac defects months before a baby is born. However, despite our powerful detection tools, less than 35 percent of CHD cases in the United States are diagnosed in utero. As a result, these vulnerable infants are born under suboptimal conditions, without the appropriate specialists present, or in local hospitals that do not have the expertise to care for an infant with a serious heart condition.

In some cases, early detection can mean the difference between life and death. It is crucial that medical professionals who care for pregnant women and perform prenatal heart screenings have learning opportunities to improve their ability to recognize heart defects in babies during routine prenatal screening. We believe that through improved prenatal screening education, every baby with CHD can be diagnosed in utero so that physicians and families can plan for the child’s birth and the necessary team of experts can be on hand to help the infant through the crucial first minutes, hours and days of life.

Target Audience

The conference will focus on educating health care professionals who perform fetal heart screenings for pregnant women: obstetricians, OB sonographers, maternal-fetal medicine experts, radiologists and fetal cardiologists.

Accreditation and Designation

Children’s Hospital Los Angeles is accredited by the Institute for Medical Quality/California Medical Association (IMQ/CMA) to provide continuing medical education (CME) for physicians. (CME) takes responsibility for the content, quality and scientific integrity of this CME activity.

Children’s Hospital Los Angeles designates the “Prenatal Detection of Congenital Heart Disease Symposium” for a maximum of seven hours AMA PRA Category 1 Credit. Physicians should only claim credit commensurate with the extent of their participation in the activity. This credit may also be applied to the CMA Certification in Continuing Medical Education.

Disclosure Statement: Children’s Hospital Los Angeles maintains control over the content of this CME activity and will disclose to the audience any faculty or planner relationship with a pharmaceutical or industrial concern that might pose a potential, apparent or real conflict of interest with regard to its contribution to the program.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 – 8 a.m.</td>
<td>Registration and Breakfast</td>
<td></td>
</tr>
<tr>
<td>8 – 9 a.m.</td>
<td>Welcome/Introductions and General Sessions</td>
<td></td>
</tr>
<tr>
<td>8 – 8:15 a.m.</td>
<td>What We Are Doing Right and How Can We Do Better</td>
<td>Jay Pruetz, MD</td>
</tr>
<tr>
<td>8:15 – 8:30 a.m.</td>
<td>Who Needs Screening and Review of Current Guidelines</td>
<td>Jodie Votava-Smith, MD</td>
</tr>
<tr>
<td>8:30 – 9 a.m.</td>
<td>Why We Do This (Parent/patient experience)</td>
<td>Jay Pruetz, MD, Jodie Votava-Smith, MD</td>
</tr>
<tr>
<td>9 – 10 a.m.</td>
<td>Fetal Heart Exam I</td>
<td></td>
</tr>
<tr>
<td>9 – 9:20 a.m.</td>
<td>Situs Views</td>
<td>Jon Detterich, MD</td>
</tr>
<tr>
<td>9:20 – 9:40 a.m.</td>
<td>The 4 Chamber</td>
<td>Brandy Hattendorf, MD</td>
</tr>
<tr>
<td>9:40 – 10 a.m.</td>
<td>The Outflow Tracts</td>
<td>Grace Kung, MD</td>
</tr>
<tr>
<td>10 – 10:30 a.m.</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:30 – 11:30 a.m.</td>
<td>Fetal Heart Exam II</td>
<td></td>
</tr>
<tr>
<td>10:30 – 10:50 a.m.</td>
<td>3VV and 3VT views</td>
<td>Jodie Votava-Smith, MD</td>
</tr>
<tr>
<td>10:50 – 11:10 a.m.</td>
<td>Arch Views</td>
<td>Jay Pruetz, MD</td>
</tr>
<tr>
<td>11:10 – 11:30 a.m.</td>
<td>Veins</td>
<td>Andrew Souza, DO</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>----------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
</tbody>
</table>
| 11:30 a.m. – 12:15 p.m. | Interactive Cases (TGA, HLHS, TOF) Panel Q&A  
Jodie Votava-Smith, MD, Grace Kung, MD, Brandy Hattendorf, MD |
| 12:15 – 1:15 p.m.  | Lunch                                                                                                   |
| 1:15 – 2:15 p.m.  | General Sessions                                          
1:15 p.m. – 1:35 p.m. | Approach to Complex CHD in the Fetus  
Jay Pruetz, MD |
1:35 – 1:55 p.m.  | Imaging of Cardiac Function and Fetal Heart Rhythm Analysis  
Jodie Votava-Smith, MD |
1:55 – 2:15 p.m.  | Tips and Tricks of the Trade From the Sonographer Perspective: How to Avoid Missing Important Lesions  
Novel Castillo, RDCS |
| 2:30 – 4 p.m.    | Breakout Sessions With Coffee and Snacks                                                                 |
| 2:30 – 4:45 p.m. | Breakout Sessions With Coffee and Snacks (continued)                                                        
Option 3: Counseling Families and Prenatal Care Coordination  
Lucy Dautrich and Sheila Perez  
Time: 3:15 – 4 p.m.  
Location: John Stauffer Conference Rooms A and B |
| 2:30 – 4 p.m.    | Option 1: Live Scan of Fetal Heart: Putting It All Together  
Jay Pruetz, MD, and Jodie Votava-Smith, MD  
Time: Three consecutive 30-minute sessions – 2:30 p.m., 3 p.m. and 3:30 p.m.  
Limit of 15 people per session; be sure to sign up in advance.  
Location: Dale Melbourne Herklotz Conference Room |
| 2:30 – 4:45 p.m. | Option 2: Extra-Cardiac Disease Associated With Fetal Heart Disease  
David Miller, MD  
Time: 2:30 – 3:15 p.m.  
Location: John Stauffer Conference Rooms A and B |
| 4 – 4:45 p.m.    | Option 4: Pathology Lab: Heart Defects Up Close (TGA, HLHS, TOF, TAPVR)  
Andrew Souza, DO, and Novel Castillo, RDCS  
Time: Two consecutive 45-minute sessions – 2:30 p.m. and 3:15 p.m.  
Limit of 12 people per session; be sure to sign up in advance.  
Location: Pathology Laboratory |
| 4:45 – 5 p.m.    | Option 5: Showroom, Coffee and Snacks                                                                 |
| 5 – 7 p.m.       | Interactive Cases (TAPVR, VSD/COARC, Vascular Ring, RAA) Panel Q&A  
Andrew Souza, DO, Jodie Votava-Smith, MD, Jon Detterich, MD, Jay Pruetz, MD  
Closing Remarks  
Jay Pruetz, MD, and Jodie Votava-Smith, MD  
Post-Conference Reception  
Ralph M. Parsons Foundation Dining Terrace  
Appetizers and Cocktails |
Speakers and Faculty

Jay Pruetz, MD
Director, Fetal Cardiology Program; Attending Physician, Division of Cardiology, Heart Institute, Children’s Hospital Los Angeles
Associate Professor of Pediatrics and Obstetrics and Gynecology, Keck School of Medicine of the University of Southern California (USC)

Jodie Votava-Smith, MD
Associate Director, Fetal Cardiology Program; Attending Physician, Division of Cardiology, Heart Institute, Children’s Hospital Los Angeles
Assistant Professor of Clinical Pediatrics, Keck School of Medicine of USC

Grace Kung, MD
Director, Pediatric Cardiology Fellowship Program; Attending Physician, Division of Cardiology, Heart Institute, Children’s Hospital Los Angeles
Associate Professor of Pediatrics, Keck School of Medicine of USC

Jon Detterich, MD
Attending Physician, Division of Cardiology, Heart Institute, Children’s Hospital Los Angeles
Associate Professor of Pediatrics, Department of Pediatrics, Department of Physiology and Biophysics, Keck School of Medicine of USC

Brandy Hattendorf, MD
Attending Physician, Division of Cardiology, Heart Institute, Children’s Hospital Los Angeles
Assistant Professor of Clinical Pediatrics, Keck School of Medicine of USC

David Miller, MD, FACOG
Chief, Division of Maternal-Fetal Medicine, Co-Director of the Fetal-Maternal Center, Children’s Hospital Los Angeles
Professor of Obstetrics, Gynecology and Pediatrics, Keck School of Medicine of USC

Andrew Souza, DO
Attending Physician, Division of Cardiology, Heart Institute, Children’s Hospital Los Angeles
Assistant Professor of Clinical Pediatrics, Keck School of Medicine of USC

Sheila Perez, RN, BSN, PHN
Perinatal Nurse Care Manager, Fetal Maternal Center, Children’s Hospital Los Angeles

Novel Castillo, RDCS (AE, PE, FE)
Cardiac Sonographer, 3D Echocardiography in Congenital Heart Disease, Heart Institute, Children’s Hospital Los Angeles

Lucy Daubrich, RN-CPN, BSN
Cardiology Nurse Care Manager, Heart Institute, Children’s Hospital Los Angeles

Registration Information

Register by Sept. 10, 2018, at www.CHLA.org/CHDSymposium

Registration Fees:
Physicians: $100  |  Sonographers, nurses, trainees, etc.: $50

Up to 7 CME credits

Selection of Breakout Sessions (must select in advance, limited space available)
Fetal ECHO live-scanning (three sessions, 15 attendees per session)
Cardiac Pathology Lab (two sessions, 12 attendees per session)

Please let us know of any dietary restrictions when you register.

On the day of the conference, please check in at the front desk in the hospital’s main lobby area to receive your visitor’s badge.

Questions: Contact Elizabeth Pena at epena@chla.usc.edu, fetalhearts@chla.usc.edu or 323-361-2405.
Getting to the Main Hospital

Driving Directions
From Southbound 101 - Exit Sunset Boulevard. Left (east) on Sunset. Enter the hospital a half block past Vermont Avenue on the right.

From Northbound 101 - Exit Vermont Avenue. Right (north) on Vermont to Sunset Boulevard. Right (east) on Sunset for half a block.

From Interstate 5 Southbound - Exit Los Feliz Boulevard. Right (west) on Los Feliz to Hillhurst Avenue. Left (south) on Hillhurst to Sunset Boulevard. Right (west) on Sunset for half a block.

From Interstate 5 Northbound – Exit Los Feliz Boulevard. Left (west) on Los Feliz to Hillhurst Avenue. Left (south) on Hillhurst to Sunset Boulevard. Right (west) on Sunset for half a block.

Train  
(Metro) Metropolitan Transportation Authority  
1-800-COMMUTE | 1-800-286-6889  
The Metro Station’s Red Line can be accessed across from the hospital at the Sunset and Vermont stop. From this line you may access the rest of the Metro Rail network and reach Union Station.

Metrolink  
1-800-371-5465  
Metrolink reaches areas outside of Los Angeles County. Metrolink connects to the Red Line at Union Station in downtown Los Angeles. Call Metrolink for schedule and fare information.

Parking at the Main Hospital

The main visitor parking garage is located beneath the main hospital building at 4650 Sunset Blvd. (at the intersection of Sunset Boulevard and Rodney Drive).

Validations for self-parking will be distributed during check-in on the day of the conference.

Campus Map
Supporters

Philips – Women’s Health Care Ultrasound
GE Healthcare - Women’s Health Ultrasound
Hitachi Healthcare Americas

Division of Cardiology
4650 Sunset Blvd., #34, Los Angeles, CA 90027

Fetal Program
Phone: 323-361-8742  |  Fax: 323-361-1513

Referrals
Phone: 888-631-2452  |  Fax: 323-361-8988
Email: md1@chla.usc.edu
myCHLA Physician Portal: https://myCHLA.CHLA.org

CHLA.org/FetalCardiology