

CHILDREN'S HOSPITAL COLORADO CONTINUING EDUCATION

# 19TH ANNUAL HIGH-RISK FETAL IMAGING & PERINATAL UPDATE

*August 19-20, 2022*

**Provided by:**

University of Colorado Department of Obstetrics and Gynecology  
Division of Maternal Fetal Medicine



## Children's Hospital Colorado



Children's Hospital Colorado



Affiliated with  
University of Colorado  
Anschutz Medical Campus

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## Overview and Target Audience

Ultrasound is the primary modality for identifying fetal anomalies in pregnancy. With the rising population in Colorado, the number of births has also increased. In order to meet this increased demand, ultrasound screening for fetal anomalies has largely moved away from subspecialty clinics and into the generalist OB/GYN office. These screening ultrasounds are performed by sonographers trained in OB ultrasound, but their exposure to fetal anomalies and high-risk pregnancies is limited compared to the exposures in tertiary care centers. This conference will provide education in the ultrasound identification and management of fetal anomalies, higher order multiples, and Doppler ultrasound. Sonographers and providers who attend this conference will be better-suited to know when to refer pregnancies to a high-risk specialist after identification of the most common anomalies in a fetus.

The target audience for this session is physicians, Nursing Staff, Advanced Practice Providers and Sonographers.

## Educational Objectives

**Upon completion of this course, participants should be able to:**

- Discuss how to optimize imaging in the general OB provider's office.
- Differentiate the critical components of the 20 week anatomic scan and critical "do not miss" diagnoses.
- Identify the most common forms of skeletal dysplasia and key ultrasound characteristics that distinguish normal from lethal and non-lethal forms of dysplasia.
- Recite the appropriate screening protocols for cervical length assessment and technique for obtaining cervical length will be reviewed.
- Discuss fetal intervention/surgery techniques will allow general OB providers to better counsel their patients and facilitate earlier referrals for intervention.
- Review the proper technique to Doppler imaging in obstetric ultrasound. They will also know the appropriate indications for each type of Doppler assessment.
- Identify the fetal cardiac structures and echocardiography guidelines as well as the 9-views needed to identify a normal heart. They will also be able to recognize the most common anomalies seen in cardiac evaluation.
- Discuss the findings of CMV and Syphilis on ultrasound in the context of increasing rates of syphilis.



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# CONFERENCE AGENDA

Friday, August 19, 2022

## MORNING SESSION

7:00am	Registration, Check-In, Breakfast	
8:00am	Introduction	Henry Galan, MD and Heather Straub, MD
8:15am	Short Cervix: Evaluation & Treatment	Helen Feltovich, MD
9:00am	Placenta Accreta Spectrum: Ultrasound, MRI and Management	Shane Reeves, MD & Marianna Meyers, MD
10:00am	Break	
10:30am	Beyond the Basics-Image Optimization	Karen Snyder, RDMS
11:00am	Obstetric Ultrasound in the OB-GYN Office	Heather Straub, MD
11:30am	Surveillance in FGR: SMFM Guideline Tweaks	Henry Galan, MD

## AFTERNOON SESSION

12:00pm	Lunch	
12:30pm	Ultrasound Unknowns – Rapid Fire	Manesha Putra, MD
1:00pm	Fetal Echo - Basic Imaging	Dawn Park, RDMS
1:30pm	Fetal Echo - Missed Diagnosis	Bettina Cuneo, MD
2:00pm	The Fetal Heart in Growth Restriction	John Hobbins, MD
2:30pm	Early Fetal Echocardiogram	Camila Londono-Obregon, MD
3:00pm	Break	
3:20pm	Skeletal Dysplasia, US Evaluation & Work-Up	Helen Feltovich, MD
4:00pm	History of Fetal Intervention: Diagnostic US, Intervention Approaches and More...	Mike Zaretsky, MD
4:30pm	CMV and Syphilis: Ultrasound Findings and Clinical Updates	Amanda Johnson, MD
5:00pm	Networking Event	



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**Saturday, August 20, 2022**

**FETAL ECHOCARDIOGRAPFETHY: A HANDS-ON COURSE**

8:00am	Introduction	Bettina Cuneo, MD
8:15am	Ultrasound Knobology	Dawn Park, RDMS
8:45am	Hands-On Scanning	
10:15am	Break	
10:45am	Evaluation of Cardiac Rhythm: When Should I Worry	Bettina Cuneo, MD
11:05am	Hands-On Scanning	
12:30am	Adjourn	

**Continuing Education Credit**

Children’s Hospital Colorado is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Children’s Hospital Colorado designates this live activity for a maximum of 11.25 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Activity Title: 19th Annual Fetal Imaging Conference

Application ID# 25963450

Total Credits: 10.7

Approval Date: 5/1/2022

Sonographers should claim only the credit commensurate with the extent of their participation in this activity.



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# 19th Annual High-Risk Fetal Imaging & Perinatal Update Conference

August 19-20, 2022

## Disclosure of Relevant Financial Relationships

Title of Continuing Education: 19th Annual High-Risk Fetal Imaging & Perinatal Update Conference

Date and Location: August 19-20, 2022, hosted at Children's Hospital Colorado

As a provider of continuing medical education (CME) by the Accreditation Council for Continuing Medical Education and nursing continuing professional development (NCPD) by Colorado Nurses Association, Children's Hospital Colorado ensures balance, independence, objectivity and scientific rigor in all its CME/NCPD activities.

To comply with CME and NCPD accreditation guidelines, each planner, faculty, content expert and content reviewer in a position to control content of this educational activity are required to disclose all relevant financial relationships.

Dr. Bettina Cuneo, faculty presenter for this educational activity, is a Consultant for Janssen Pharmaceuticals.

Dr. Helen Feltovich, faculty presenter for this educational activity, receives equipment support from Siemens Ultrasound.

All of the relevant financial relationships listed have been mitigated.

All other planners, faculty, and others in control of content (either individually or as a group) have no relevant financial relationships with ineligible companies.

Relevant Financial Relationship	Ineligible Company	Off-Label Use of Products
<p>Financial relationships are relevant if the following three conditions are met for the prospective person who will control content of the education.</p> <ol style="list-style-type: none"><li>1. A financial relationship, in any amount, exists between the person in control of content and an ineligible company.</li><li>2. The financial relationship existed during the past <b>24 months</b>.</li><li>3. Content of the education is related to the products of an ineligible company with whom the person has a financial relationship.</li></ol>	<p>is any entity whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.</p>	<p>Faculty are asked to inform the audience when they are discussing the use of a product (medication, device, etc.) other than for which it was approved by the Food and Drug Administration.</p>



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### **Criteria for Verifying Participation in this CE Activity**

Participants are required to sign-in for this CE activity to verify their participation in the educational program.

### **Criteria for Successful Completion of this CE Activity**

Registration, attendance, sign-in and submission of the online evaluation are required for CE certificate of attendance. Claim only those hours you attend. Evaluation instructions will be emailed, utilizing your registered email profile.

\* Children's Hospital Colorado is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

+ Children's Hospital Colorado is approved as a provider of nursing continuing professional development by Colorado Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.



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# Thank you for attending the 19th Annual High-Risk Fetal Imaging & Perinatal Update Conference.

We hope you enjoyed the course and learned something new!!

## Signing in for the course, accessing the course evaluation and your CE certificate

To obtain your continuing education certificate, you must complete the online evaluation by midnight on September 2, 2022.

Registration, Evaluation and Crediting for this activity are hosted on-line in our new Continuing Education (CE) Platform. We have moved away from a paper sign-in process to an electronic version for sign-in process for CE Activities.

### To sign-in and begin the process to evaluate and obtain the course credit:

- **Save our CE Phone number as a contact to sign-in via mobile device - 720-790-4423**
  - *This number will never change.*
- **The 6-digit code for the Reach the Peak Course is QEBMAC.**

There are two options to sign-in for the session - as you would have in a live session on the day of the course.

- a. Use your Mobile Device and Send a SMS Text Message - Send the 6-digit, session specific code to the CE Phone Number, both above. This option is available 60 minutes prior to the designated start time.
- b. Desktop Sign-in Feature on Your Computer/Tablet – Sign-in with the 6-digit, session specific code (above) via desktop at [www.ce.childrenscolorado.org/code](http://www.ce.childrenscolorado.org/code).
  - i. After the activity, complete the required evaluation for CME credit within two weeks.
  - ii. Your transcript will be credited, and accessible via the “My Account” area of the CE Portal.

**REMINDER - Following the course, you will receive an email with the link to complete the course evaluation and obtain CE credits**

**Any questions or concerns with access should be directed to [Matthew.Stern@childrenscolorado.org](mailto:Matthew.Stern@childrenscolorado.org)**

Thank you,



Matthew Stern, MS  
Manager, Continuing Medical Education  
Children’s Hospital Colorado



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