



XVIII

ALL-RUSSIA  
SCIENTIFIC-EDUCATIONAL  
FORUM

**Mother and Child**

Obstetrical Ultrasound course

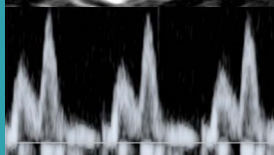
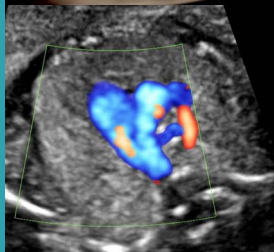
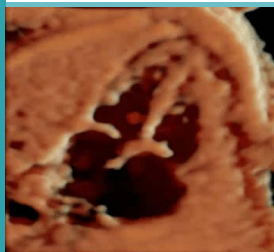
# FETAL CARDIAC IMAGING: from simple to advanced

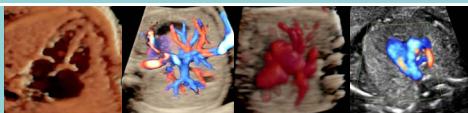
September 28, 2017

International exhibition  
center "Crocus Expo"

Moscow, Russia

Hosted by Research Center  
for Obstetrics, Gynecology  
and Perinatology of the  
Ministry of Health of Russia  
with approval of International  
Society of Ultrasound  
in Obstetrics and Gynecology  
(ISUOG)





## COURSE DESCRIPTION

Obstetrical Ultrasound course Fetal Cardiac Imaging will be taught by nationally and internationally prominent experts. This one-day course will feature lectures, live hands-on demonstrations, question and answer sessions, and interactive case studies focusing on expending evidence-based care management strategies relevant to clinical practice decision making. This advanced sonography course will provide obstetrical and gynecologic ultrasound practitioners with insights and new skills for the screening, diagnosis, and management of fetal cardiac anomalies using ultrasound.

## TARGET AUDIENCE

This course is designed for obstetrician/gynecologists, cardiologists, radiologists, ultrasound specialists, genetic counselors and other interested allied health professionals.

## LEARNING OBJECTIVES

- Incorporate the newly approved updated guidelines for performance of fetal cardiac screening.
- Cite the various indications for a fetal cardiac evaluation illustrate the yield of fetal echocardiography.
- Describe the echocardiographic and clinical manifestations of various specific simple and complex fetal cardiac anomalies, relate them to their natural and unnatural history, and present expectations in disease severity at the course of pregnancy and at birth
- Teach a comprehensive, segmental approach in fetal cardiac echocardiographic imaging through both didactics and live case demonstrations with pregnant volunteers.
- Illustrate the use and benefits of cardiac imaging in early gestation
- Discuss the impact of antenatal diagnosis of cardiac disease in infant survival.

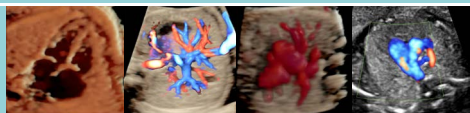
## LANGUAGE:

Russian, English

## REGISTRATION FEE:

7000 RUB (~95 £)

Registration fee includes syllabus.  
In an effort to "go green",  
the syllabus will be available on a disk.



## COURSE DIRECTORS:

### ***Alexander I. Gus, MD, PhD***

Professor of Obstetrics and Gynecology  
Director, Department of Diagnostic Ultrasound  
Research Center for Obstetrics, Gynecology  
and Perinatology of the Ministry of Health of Russia  
Moscow, Russia

### ***Elena Sinkovskaya, MD, PhD***

ISUOG Ambassador for Russia  
Associate Professor of Obstetrics and Gynecology  
Director of Ultrasound Research and Education  
Division of Maternal-Fetal Medicine  
Eastern Virginia Medical School  
Norfolk, Virginia, USA

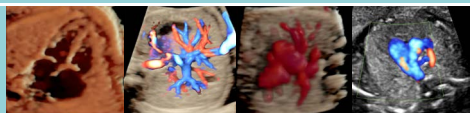
## INVITED FACULTY:

### ***Philippe Jeanty, MD, PhD***

Professor of Radiology  
Medical Director of Inner Vision Women's Ultrasound  
Nashville, Tennessee, USA

### ***Dan Valsky, MD***

Fetal Medicine & High Risk Pregnancy Units  
Department of Obstetrics & Gynecology  
Hadassah-Hebrew University Medical Centers  
Jerusalem, Israel



## LOCAL FACULTY:

### ***Eugenia V. Fedorova, MD, PhD***

Associate Professor of Obstetrics and Gynecology  
Division of Diagnostic Ultrasound  
Russian Medical Academy of Continuous  
Professional Education  
Moscow, Russia

### ***Michael A. Abramian MD, PhD***

Professor of Cardiovascular Surgery  
Head Pediatric Cardiac Surgeon in Moscow  
Chief of Pediatric Cardiac Surgery Department  
Morozov children's Hospital  
Moscow, Russia

### ***Ekaterina L. Bokeria MD, PhD***

Professor of Cardiology  
Advisor to the Director  
Research Center for Obstetrics, Gynecology  
and Perinatology of the Ministry of Health of Russia  
Moscow, Russia

### ***Alexander A. Sokolov, MD, PhD***

Professor of Cardiology  
Head of Functional and Laboratory Diagnostics Department  
Tomsk Cardiology Research Institute  
Tomsk, Russia

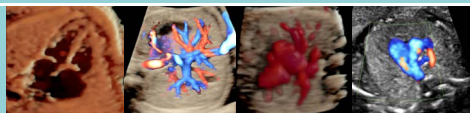
### ***Andrey L. Tsytko, MD***

Cardiologist  
St Petersburg Children's Hospital №1  
St Petersburg, Russia

## CONGRESS OPERATOR:

### **MEDI Expo**

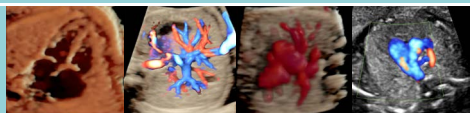
Name of contact: Svetlana Ranskaya  
E-mail: svetlana@mediexpo.ru  
Address: Odesskaya str., 2, build A,  
Moscow, Russia, 119415  
Phone: (495) 721-88-66



# COURSE PROGRAM

## SEPTEMBER 28, 2017 MOSCOW, RUSSIA

|       |   |
|-------|---|
| 8:45  | Opening ceremony – ISUOG presentation<br>(A. Gus / E. Sinkovskaya)                      |
| 9:00  | Approach to fetal cardiac imaging: ISUOG<br>and AIUM clinical guidelines (E. Fedorova)  |
| 9:30  | Septal defects (ASD, VSD, AVSD): diagnosis<br>and management (E. Sinkovskaya)           |
| 10:00 | Anomalies of the right heart: differential diagnosis<br>(P. Jeanty)                     |
| 10:30 | Anomalies of the left heart: differential diagnosis<br>(E. Sinkovskaya)                 |
| 11:00 | Break   |
| 11:20 | Live demonstration: Cardiac evaluation<br>in the second trimester (normal)              |
| 11:40 | Anomalies of the aortic arch: importance<br>of the tree vessel trachea view (P. Jeanty) |
| 12:10 | Doppler evaluation of the aortic isthmus<br>and ductus arteriosus (D. Valsky)           |
| 12:40 | Q&A/ Discussion   |
| 13:00 | Lunch   |



|       |   |
|-------|---|
| 14:00 | Conotruncal anomalies: anatomical insight why this defects are frequently missed (E. Sinkovskaya) |
| 14:30 | Fetal cardiac imaging in early gestation (E. Sinkovskaya)   |
| 15:00 | Life-threatening fetal arrhythmias: practical approach to diagnosis and management (E. Bokeria)   |
| 15:30 | Advances in neonatal management and cardiac surgery in newborns with CHD (M. Abramian)            |
| 16:00 | Break   |
| 16:20 | Live demonstration: Cardiac evaluation in the second trimester (abnormal)                         |
| 16:40 | Prenatal counseling after detection CHD: what to say and how to say it? (A. Citko)                |
| 17:10 | Common CHD: prenatal diagnosis and postnatal correlations (A. Sokolov)                            |
| 17:40 | Q&A/ Discussion   |
| 18:00 | Close   |