

Thursday, May 17, 2012

16:00 - 19:30 Registration Hours

19:30 - 21:00 Get-together Reception

07:30 - 18:30 All Day Registration

08:30 - 09:45 Opening Ceremony

Hall A

08:30 **Greetings**

Uri Elkayam, Congress Chairman
Carole Warnes, CPP 2010 Award recipient
Samuel Siu, CPP 2010 Award recipient
George Ertl, President of German Society of Cardiology

Award Ceremony

Presentation of 2012 Kent Ueland Awards for distinguished contributions.

Presented by:

Carole Warnes, USA
Samuel Siu, Canada

09:05 **Opening Lecture**

Pregnancy Associated Acute Myocardial Infarction-An Update

Uri Elkayam (*University of Southern California, Los Angeles, CA, USA*)

09:45 - 11:00 PL1 - Preconception and Gestational Evaluation and Counseling

Hall A

Chairs: **Samuel Siu, USA**
Carole Warnes, USA

09:45 **Pre-Conceptual Counseling In Patients with Heart Failure**

Jack Colman

*University of Toronto, Toronto, Canada, Mount Sinai Hospital, Toronto, Canada,
Peter Munk Cardiac Centre/UHN, Toronto, Canada, Toronto Congenital Cardiac
Centre for Adults, Toronto, Canada*

10:00 **When Should the Physician Advise Against Further Pregnancy?**

Barry Walters (*King Edward Memorial Hospital for Women, Perth, Australia*)

10:15 **Echocardiographic Assessment of Systolic and Diastolic Cardiac Function**

Joan Briller (*University of Illinois at Chicago, Chicago, USA*)

10:30 **Evaluating Fetal Cardiac Function**

Simcha Yagel (*Hadassah University Hospital, Jerusalem, Israel*)

10:45 **Biomarkers in Pregnant Patient with Heart Disease**

Candice Silversides (*University of Toronto, Toronto, Canada*)

11:00 - 11:20 Coffee Break, Poster Viewing and Exhibition Visit

11:20 - 12:55 Parallel Sessions S1-2

11:20 - 12:55 S1 - Preconception and Gestational Evaluation and Counseling-(Cont.) Hall A

Chairs: **Mary M. Canobbio**, USA
Citania Tedoldi, Brazil

11:20 Creating a Reproductive Life Plan for Adolescents and Young Adults with Congenital Heart Disease

Mary M Canobbio

Ahmanson/UCLA Adult Congenital Heart Disease Center, Los Angeles, USA, UCLA School of Nursing, Los Angeles, USA

11:40 Exercise Testing Pre Pregnancy in Patients with Valvular and Congenital Heart Disease. What New Information Does it Tell Us?

Leisa Freeman (Norfolk & Norwich University Hospital, Norwich, UK)

11:55 Cardiac Evaluation During Pregnancy: Stress Testing and Exercise Guidelines

Marla Mendelson (Northwestern's Feinberg School of Medicine, Chicago, USA)

12:10 Update on Risk Stratification of Pregnancy Complications in Women with Heart Disease

Samuel Siu

Schulich School of Medicine and Dentistry, The University of Western Ontario, London, Ontario, Canada

12:25 Developing a Delivery Plan for Women with Complex CHD

Mary M Canobbio

Ahmanson/UCLA Adult Congenital Heart Disease Center, Los Angeles, USA, UCLA School of Nursing, Los Angeles, USA

12:40 Estimation Risk of Pregnancy in Women with CHD: Can We Do it Reliably?

Petronella G Pieper (University Medical Center, Groningen, Netherlands)

11:20 - 12:55 S2 - Prenatal and Postnatal Fetal Management

Hall B

Chairs: **Afshan B Hameed**, UK
Wolfgang Henrich, Germany
Simcha Yagel, Israel

11:20 3D/4DUS in Cardiovascular Pathologies: Advantages and Limitations

Simcha Yagel (Hadassah University Hospital, Jerusalem, Israel)

11:35 Prenatal and Postnatal Diagnosis of Cardiac Defects. Distinct Spectrum of Disease

Christoph Berg (University of Cologne and Bonn, Bonn, Germany)

11:50 Abnormal Uteroplacental Doppler Flow is Associated with High NTproBNP and Adverse Offspring Outcome in Women with Congenital Heart Disease

Ali Balci

UMCG, Groningen, The Netherlands, ICIN, Utrecht, The Netherlands

12:00 1st and Early 2nd Trimester Fetal Echocardiography

Yaron Zalel (Sheba Medical Center, Tel-Hashomer, Ramat Gan, Israel)

11:20 - 12:55	S2 - Prenatal and Postnatal Fetal Management (Cont.)	Hall B
12:15	Prenatal Features and Significance of Isolated Restrictive Foramen Ovale in Fetuses with Structurally Normal Heart <i>Orhan Uzun (University Hospital of Wales, Cardiff, Wales)</i>	
12:25	Non Invasive Post-Mortem Evaluation of Fetal Heart <i>Carmela Votino (University Hospital Brugmann, Brussels, Belgium)</i>	
12:40	Fetal Echocardiographic Signs of Aneuploidy <i>Yaron Zalel (Sheba Medical Center, Tel-Hashomer, Ramat Gan, Israel)</i>	
12:55 - 14:30	Lunch Break	Foyer
13:15 - 14:05	Lunch Session – Case Presentations Chairs: Uri Elkayam, USA Carole Warnes, USA	Hall B
13:15	Postpartum Coronary Vasospasm and Dissection: A Continuum <i>Melinda Davis (University of Michigan, Ann Arbor, MI, USA)</i>	
13:25	Pregnancy Complicated by Aortic Root Dilatation and Splenic Laceration <i>Pui Wah Hui (Queen Mary Hospital, Hong Kong)</i>	
13:35	A Rare Cause of Reversible Cardiomyopathy in Pregnancy: Tachycardia-Induced Cardiomyopathy Versus Tachycardia-Worsened Cardiomyopathy <i>Sandrine Dionne (Centre hospitalier universitaire de Sherbrooke, Sherbrooke, Canada)</i>	
13:45	Pregnancy and Abdominal Aortic Aneurism in Marfan Syndrome <i>Goya Canino Maria M (Hospital Vall d'Hebron, Barcelona, Spain)</i>	
13:55	Prepregnancy Assessment of Idiopathic Ascending Aortic Aneurysm <i>Jeryes Shehadeh (Zevoulon and Carmel Medical Centers, Haifa, Israel)</i>	
14:30 - 15:40	PL2 - Guidelines and Registries Chairs: Vera Regitz-Zagrosek, Germany Karen Sliwa, South Africa	Hall A
14:30	European Registry on Heart Disease and Pregnancy – An Overview <i>Roger Hall (Norfolk and Norwich University Hospital, Norwich, United Kingdom)</i>	
14:45	European Registry on PPCM <i>Karen Sliwa</i> <i>Hatter Institute of Cardiovascular Research in Africa, Cape Town, South Africa</i>	
15:00	European Registry on Pregnancy and Heart Disease: Maternal and Fetal Outcome <i>Jolien Roos-Hesselink (Erasmus Medical Center, Rotterdam, The Netherlands)</i>	
15:15	What is New in 2011 in the ESC Guidelines? <i>Vera Regitz-Zagrosek (Charite Universitätsmedizin, Berlin, Germany)</i>	

15:40 - 16:00 Coffee Break, Poster Viewing and Exhibition Visit

16:00 - 17:25 Parallel Sessions S3-4

16:00 - 17:25 S3 - Congenital Heart Disease (CHD)

Hall A

Chairs: **Jack Colman**, Canada

Jolien Roos-Hasselink, The Netherlands

16:00 Pregnancy in Patients with CHD – The European Registry

Jolien Roos-Hasselink (*Erasmus Medical Center, Rotterdam, The Netherlands*)

16:15 Outcomes of Pregnancy in Women with Tetralogy of Fallot

Thais Almeida Lins Pedersen (*Aarhus University Hospital, Skejby, Aarhus, Denmark*)

16:25 Gender Differences and Role of Pregnancy in the History of Post-Surgical Women Affected by Tetralogy of Fallot

Luciano Daliento (*University of Padua, Padua, Italy*)

16:35 Prospective Assessment of Pregnancy Risk Estimation Models in Women with Congenital Heart Disease

Ali Balci

UMCG, Groningen, The Netherlands, ICIN, Utrecht, The Netherlands

16:45 Anesthesia for the Patient with Complex CHD

Sharon Orbach-Zinger (*Rabin Medical Center/Beilinson Hospital, Petah Tikva, Israel*)

17:00 Improvements in Infertility Techniques Leading to Increased Incidence of Pregnancies in Women with Congenital and Acquired Heart Disease

Norbert Gleicher (*Yale University School of Medicine, New Haven, USA*)

17:15 Feto-Maternal Outcomes in Parturients ‘Corrected’ for Transposition of the Great Arteries (TGA)

Petra Jenkins

St Michaels Hospital, Bristol, UK, Bristol Heart Institute, Bristol, UK

CANCELLED

16:00 - 17:25 S4 - Hypertension Preeclampsia and Eclampsia

Hall B

Chairs: **Eli Guterman**, Israel

Silvia Hoirisch Clapauch, Brazil

16:00 Hypertensive Disorders in Pregnancy: Definition and Indications for Treatment

Joseph G Ouzounian

Keck School of Medicine, California, USA, University of Southern California, California, USA

16:15 Hypertension in Pregnancy: Why is Treatment Still So Difficult?

Renata Cifkova (*Thomayer University Hospital, Praha, Czech Republic*)

16:30 Attenuated Glomerular Arginine Transport Prevents Hyperfiltration and Induces HIF-1 α in the Pregnant Uremic Rat

Idit Schwartz (*Tel Aviv Sourasky Medical Center, Tel Aviv, Israel*)

16:00 - 17:25 S4 - Hypertension Preeclampsia and Eclampsia (Cont.)

Hall B

- 16:40 **Endothelial Function Several Years after Bearing Small for Gestational Age Infants: Women and Infant Study of Healthy Hearts (WISH)**
Roberta Ness (*The University of Texas School of Public Health, Houston, TX, USA*)
- 16:50 **Clinical Characteristics of Heart Disease among Critically ill Patients with Hypertensive Disorders of Pregnancy Admitted to ICU: a Retrospective Study**
Tianrong Song (*Guangzhou Medical University, Guangdong Province, PR China*)
- 17:00 **CREATION-P: Cardiovascular and Echocardiographic Assessment in Hypertension During Pregnancy**
Limor Ilan Bushari
Emek Medical Center, Rappaport Medical School, Technion, Afula, Israel
CANCELLED
- 17:10 **Preeclampsia Risk Factors: Focus on Hypofibrinolysis**
Silvia Hoirisch-Clapauch (*Hospital dos Servidores do Estado, Rio de Janeiro, Brazil*)

17:25 - 17:35 Break, Poster Viewing and Exhibition Visit

17:35 - 18:30 Parallel Sessions S5-6

17:35 - 18:30 S5 - Congenital Heart Disease (CHD) – (Cont.)

Hall A

Chairs: **Jane Sommerville, UK**
Sara Thorne, UK

17:35 Pregnancy in Women with Congenital Heart Disease: Mode of Delivery, Maternal and Fetal Outcomes – A Retrospective Case Control Study

Bettina Kuschel

Klinikum rechts der Isar, Technische Universitaet, Muenchen, Germany

17:45 Risk and Management of Pregnancy in Patients with Systemic Right Ventricle

Sara Thorne (*Queen Elizabeth Hospital Birmingham, Birmingham, UK*)

18:00 The Management of the High Risk Patient with CHD During Pregnancy

Joerg Stein (*Medical University Innsbruck, Innsbruck, Austria*)

18:15 Long Term Effect of Pregnancy in Women with Complex CHD

Claire McLintock

National Women's Health, Auckland City Hospital, Auckland, New Zealand

17:35 - 18:30 S6 - Pulmonary Hypertension

Hall B

Chairs: **Paul Gibson, Canada**

Avraham Shotan, Israel

17:35 What is a Dangerous Level of Arterial and Venous Pulmonary Hypertension?

Marla Kiess (*Humanitas Hospital, Milano, Italy*)

17:50 The Management of the Pregnant Patient with Eisenmenger's Syndrome

Ilse Dons (*The Netherlands Erasmus MC, Rotterdam, The Netherlands*)

18:05 Case Report of Severe Pulmonary Hypertension Diagnosed at 34 Weeks Gestation Resulting in Maternal Mortality

Hebah Nashat (*Southampton University Hospital, Southampton, United Kingdom*)

18:15 Can We Prevent Pregnancy Associated Mortality in all Women with Pulmonary Hypertension?

Dianne Zwicke (*Milwaukee Heart Institute, Milwaukee, USA*)

A VIDEO BROADCAST

18:30 - 19:00 Cheese and Wine Reception

Foyer

19:00 - 20:00 Guided Poster Session

Hall B

Moderators: **Uri Elkayam**, USA
Avraham Shotan, Israel

FETAL

1 Comparison of Aetiology and Outcome of Congenital Complete Heart Block in Fetus and Children

Orhan Uzun¹, Huw Morgan Jones¹, Kadir Babaoglu¹, Bryan Beattie²,
Christine Connor², Yusuf Izzet Ayhan¹

¹ University Hospital of Wales, Cardiff, Wales, ² Kocaeli University, Kocaeli, Turkey, ³ Goztepe Hospital, Istanbul, Turkey

2 Fetal Cardiac Disease and Fetal Lung Volume-an in Utero MRI Investigation

Lisa Schmidt, Elisabeth Mlczoch, Maximilian Schmidt, Gregor Kasprian,
Daniela Prayer, Ulrike Salzer-Muhar
Vienna, Austria

CONGENITAL HEART DISEASE AND PREGNANCY

3 The Outcome of Pregnancy in Women with Congenitally Corrected Transposition of the Great Arteries

Ewa Kowalik, Piotr Hoffman (Institute of Cardiology, Warsaw, Poland)

4 Pregnancy in Women with Congenital Heart Disease: Complications are Common, Serious Complications or Death are Rare

Eva Furenas, Peter Eriksson, Mikael Dellborg
Sahlgrenska University Hospital, Gothenburg, Sweden, University of Gothenburg, Gothenburg, Sweden

5 High NTproBNP Level During Pregnancy Predicts Cardiovascular and Offspring Outcome in Women with Congenital Heart Disease

Marlies Kampman^{1,7}, Ali Balci^{1,7}, Barbara Mulder², Jolien Roos-Hesselink³,
Arie Van Dijk⁴, Hubert Vliegen⁵, Elly Wajon⁶, Jan Aarnoudse¹,
Dirk Van Veldhuisen¹, Petronella G Pieper¹

¹ UMCG, Groningen, The Netherlands, ² AMC, Amsterdam, The Netherlands,
³ Erasmus MC, Rotterdam, The Netherlands, ⁴ Radboud UNMC, Nijmegen, The Netherlands, ⁵ LUMC, Leiden, The Netherlands, ⁶ MST, Enschede, The Netherlands,
⁷ ICIN, Utrecht, The Netherlands

6 Cardiac Risk Assessment in Pregnant Women with Adult Congenital Heart Disease

Samantha Fitzsimmons¹, Isabel Reading¹, Jackie Kerr², Aisling Carroll¹,
David Howe², Gruschen Veldtman¹

¹ Southampton University Hospitals NHS Trust, Southampton, UK, ² Princess Anne Hospital, Southampton, UK

7 **Outcomes of Pregnancy Following Maternal Fontan Repair**

*Gillian Stephen*¹, *Sarah Vause*¹, *Bernard Clarke*²

¹ Central Manchester Foundation Trust, Manchester, U.K, ² Central Manchester Foundation Trust, Manchester, U.K

CARDIAC EVALUATION AND MANAGEMENT DURING PREGNANCY

8 **Management During Childbirth in Women with Cardiac Disease - History Matters**

Sarah Williams, *Renate Wendler*, *Frank Schroeder*

St George's Hospital, London, United Kingdom

9 **The Anesthetic Management of Pregnant Patients with Cardiac Problems**

*Eleonora Menaldo*¹, *Mariella Maio*¹, *Walter Grosso Marra*², *Elena Vasario*¹, *Valentina Donvito*¹, *Evelina Gollo*¹, *Tullia Todros*¹, *Maria Rosa Conte*³

¹ Sant'Anna Hospital, Turin, Italy, ² San Giovanni Battista Hospital, Turin, Italy, ³ Mauriziano Hospital, Turin, Italy

10 **Cardiac Problems in Pregnancy and Maternal Near Miss**

Felipe F Campanharo, *Antonio F Moron*, *Daniel Born*, *Dirceu F Junior*,

Fabio G Conceicao, *Marisa V Diniz*, *Ariana Oliveira*, *Sue Y Sun*, *Rosiane Mattar*
UNIFESP, Sao Paulo, Brazil

11 **How Does Maternal Cardiac Function Adapt During Normal Pregnancy? an Echocardiographic Study**

Oana Savu^{1,2}, *Ruxandra Jurcut*², *Sorin Giusca*², *Tim Van Mieghm*¹, *Ilinca Gussi*³, *Bogdan Alexandru Popescu*², *Carmen Ginghina*², *Frank Rademakers*¹, *Jan Depest*¹, *Jens Uwe Voigt*¹

¹ University Hospital Gasthuisberg, Catholic University, Leuven, Belgium, ² Institute for Emergency in Cardiovascular Diseases "Prof. Dr. C.C. Iliescu", Bucharest, Romania, ³ "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

VALVULAR

12 **Maternal and Neonatal Complications in Women with Valvular Heart Disease**

Michal Simchen^{1,2}, *Rafael Kuperstein*¹, *Tal Cahan*², *Mordechai Dulitzki*^{1,2}, *Eyal Sivan*^{1,2}, *Eyal Schiff*^{1,2}

¹ Sheba Medical Center, Ramat Gan, Israel, ² Tel Aviv University, Tel Aviv, Israel

13 **B-type Natriuretic Peptide Plasma Levels in Pregnant Women with Rheumatic Mitral Stenosis**

Marcelo Custodio, *Maria Rita Bortolotto*, *Adriana Waissman*, *Rossana Francisco*, *Marcelo Zugaib*

Sao Paulo University Clinics Hospital, Sao Paulo, Brazil

- 14 **The Pregnancy And Delivery Outcomes In Women With Mitral Valve Prolapse**
*Iuliia Davydova*¹, *Vladimir Medved*²
¹ Obstetrics, Kyiv, Ukraine, ² Therapy, Kyiv, Ukraine

PPCM

- 15 **Epidural Anesthesia Facilitates Management of Peripartum Cardiomyopathy**
*Antonella Lavelanet*², *Lacy Parker*², *Dmitri Chamchad*^{1,2,3}, *Mark Finnegan*²,
*Norman Brest*², *Samuel Zonshayn*⁴, *Jay Horrow*³
¹ Lankenau Institute of Medical Research, Wynnewood, USA, ² Lankenau Medical
Center, Wynnewood, USA, ³ Drexel University, Philadelphia, USA, ⁴ Jefferson
Medical College, Philadelphia, USA

ACUTE MYOCARDIAL INFARCTION AND PREGNANCY

- 16 **Pregnancy and Coronary Artery Disease: Atherosclerosis Increases Maternal Risk**
Luke Burchill^{1,2}, *Julia Kulikowski*¹, *Laura Burchill*¹, *Petronella G Pieper*³,
*Jasmine Grewal*⁴, *Mathew Sermer*², *Rachel Wald*^{1,2}, *Samuel Siu*⁵, *Jack Colman*^{1,2},
Candice Silversides^{1,2}
¹ Toronto General Hospital, Toronto, Canada, ² Mt Sinai Hospital, USA, ³ Thorax
Centre, Groningen, The Netherlands, ⁴ St Paul's Hospital, Vancouver, Canada,
⁵ University Hospital, London, Canada

MARFAN SYNDROME AND PREGNANCY

- 17 **Entire Prepregnancy Assessment is Crucial Especially in Marfan Syndrome Women**
*Jeryes Shehadeh*¹, *Nabeeh Salman*², *Eli Gutterman*¹
¹ Zevoulon and Carmel Medical Centers, Haifa, Israel, ² Lin and Carmel Medical
Centers, Haifa, Israel

LAST MINUTE ADDITION

- 18 **Is the Relationship Between Maternal Anxiety and Anomalous Pregnancy Outcomes Mediated Through a Modified Blood Pressure in Early Pregnancy?**
Gesine Wieder, *Julia Martini*, *Julia Wittich*, *Susanne Winkel*, *Johanna Petzoldt*,
Franziska Einsle
TU Dresden, Dresden, Germany
- 19 **Anxiety Disorders Before Pregnancy – A Risk For High Blood Pressure In Early Pregnancy?**
Franziska Einsle, *Gesine Wieder*, *Susanne Winkel*, *Julia Wittich*, *Johanna Petzoldt*,
Julia Martini
TU Dresden, Dresden, Germany

07:30 - 18:30 All Day Registration

08:00 - 10:00 PL3 - Valvular Heart Disease Hall A

Chairs: **Candice Silversides**, Canada
Carole Warnes, USA

- 08:00 **Valvular Heart Disease: Lessons From the European Registry**
Roger Hall (Norfolk and Norwich University Hospital, Norwich, United Kingdom)
- 08:15 **Management of Rheumatic Heart Disease in Pregnancy**
Claire McLintock
National Women's Health, Auckland City Hospital, Auckland, New Zealand
- 08:30 **Valvular Stenosis and Interventions in Pregnancy**
Carole Warnes (Mayo Clinic, Minnesota, USA)
- 08:45 **Outcomes and Management Strategies in Women with Prosthetic Heart Valves**
Candice Silversides (University of Toronto, Toronto, Canada)
- 09:00 **Prosthetic Heart Valves and Pregnancy-Results of the Brazilian Registry**
Citania Lucia Tedoldi (Hospital Nossa Senhora Da Conceicao, Porto Alegre, Brazil)
- 09:15 **Choice of Prosthetic Valve in Young Women Prior to and During Pregnancy**
Carole Warnes (Mayo Clinic, Minnesota, USA)
- 09:30 **Maternal, Obstetric and Fetal Adverse Events in Patients with Bicuspid Aortic Valve**
Maria Antonia Prioli (Azienda Ospedaliera Universitaria Integrata, Verona, Italy)
- 09:40 **Valve Replacement Surgery in Pregnancy: A Case Report and Review of the Literature**
Kara A Nerenberg
Royal Alexandra Hospital, Edmonton, Canada, Royal Alexandra Hospital, Edmonton, Canada
- 09:50 Panel Discussion
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10:00 - 10:20 Coffee Break, Poster Viewing and Exhibition Visit

10:20 - 13:05 PL4 - Labor and Delivery

Hall A

Chairs: **Katherine W Arendt, USA**
Marla Mendelson, USA

- 10:20 **Mode of Delivery in Cardiac Patients – Data from the European Registry**
Titia Ruys (*Erasmus Medical Center, Rotterdam, The Netherlands*)
- 10:35 **What is the Safest Mode of Delivery for a Woman with Heart Disease? The Cardiologist Perspective**
Marla Mendelson
Northwestern's Feinberg School of Medicine, Chicago, USA, Northwestern Memorial Hospital, Chicago, USA, Northwestern Medical Faculty Foundation, Chicago, USA
- 10:50 **The Hemodynamics of Vaginal Versus Cesarean Delivery**
Katherine W Arendt (*Mayo clinic, Minnesota, USA*)
- 11:05 **Effects of Obstetric Anesthesia on The Neonate**
Jaya Ramanathan (*University of Tennessee Health Sciences Center, Memphis, TN, USA*)
- 11:20 **Planned Induction of Labor as a Policy in Moderate and High Risk CHD Patients**
Rafael Hirsch (*Rabin Medical Center – Beilinson Campus, Petah Tikva, Israel*)
- 11:35 **Peripartum Obstetrical Management of the Cardiac Patient - the Toronto Experience**
Mathew Sermer (*Mount Sinai Hospital, New York, USA*)
- 11:50 **Thrombotic Complications in Pregnancy**
Benjamin Brenner (*Rambam Health Care Campus, Technion, Haifa, Israel*)
- 12:05 **Effects of Anesthetic Techniques and Drugs on Maternal Hemodynamics**
Jaya Ramanathan (*University of Tennessee Health Sciences Center, Memphis, TN, USA*)
- 12:20 **Obstetric Hemorrhage in the Patient with Cardiac Disease**
Katherine W Arendt (*Mayo clinic, Minnesota, USA*)
- 12:35 **DEBATE: C-section is the Preferred Mode of Delivery for Women with Heart Disease**

Mark R Johnson
Imperial College London, Chelsea and Westminster Campus, Chelsea, UK

Mathew Sermer (*Mount Sinai Hospital, Toronto, Canada*)

13:05 - 14:30 Lunch Break

Foyer

13:25 - 14:05 Lunch Session – Case Presentations

Hall B

Chairs: **Avraham Shotan**, Israel
Samuel Siu, USA

- 13:25 **Catheter Ablation Without Fluoroscopy for Cure of Severe Tachycardia-induced Cardiomyopathy During Pregnancy**
Paul Gibson
University of Calgary, Calgary, Canada, University of Calgary, Calgary, Canada
- 13:35 **Surgical and CPB/Perfusion Considerations and Specific Maternal-Fetal Related Strategies in the Management of Acute Staphylococcal Endocarditis Complicated by Combined Cardiogenic/Septic Shock in the Second Trimester**
Taras Mycyk (*Royal University Hospital, Saskatoon, Canada*)
- 13:45 **Cardiopulmonary Bypass in Pregnancy: who is Most Important Mother or Fetus?**
Hannah Kither (*Central manchester Foundation Trust, Manchester, UK*)
- 13:55 **BIVAD and ECMO For Bridge To Recovery For Peripartum Cardiomyopathy**
Sanjay Kumar, *Daniel Jacoby*, *Abeel Mangi*
Yale University School of Medicine, New Haven, Connecticut, USA
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14:30 - 15:50 PL5 - Arrhythmias

Hall A

Chairs: **Gideon Koren**, Canada
Athena Poppas, USA

- 14:30 **Palpitations in Pregnancy - How to Approach it?**
Joan Briller (*University of Illinois at Chicago, Chicago, USA*)
- 14:45 **Supraventricular Arrhythmias in Pregnancy**
Athena Poppas
Rhode Island Hospital, Providence, USA, Brown University, Providence, USA
- 15:00 **Prenatal Management of Fetal Arrhythmia**
Ulrich Gembruch (*University of Bonn, Bonn, Germany*)
- 15:15 **Catheter Ablation of SVT in Pregnancy**
Paul Gibson
University of Calgary, Calgary, Canada, University of Calgary, Calgary, Canada
- 15:30 **Cardiovascular Medications in Pregnancy - Interaction between Disease and Pharmacology**
Gideon Koren (*The Hospital for Sick Children, Toronto, Canada*)
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15:50 - 16:10 Coffee Break, Poster Viewing and Exhibition Visit

16:10 - 16:50 Parallel Sessions S7-8

16:10 - 16:50 S7 - Cardiomyopathies Hall A

Chairs: **Joan Briller, USA**
Radha J Sarma, USA

16:10 Hypertrophic Cardiomyopathy and Pregnancy

Carole Warnes (Mayo Clinic, Minnesota, USA)

16:25 Left Ventricular Noncompaction Cardiomyopathy in Pregnancy: A Case Report

Carla Bonanomi

Fondazione IRCCS Ca Granda, Ospedale Maggiore Policlinico, Milano, MI, Italy

16:35 Pregnancy in the Patient with Left Ventricular Non Compaction

Radha J Sarma

Western University of Health Sciences, College of Osteopathic Medicine of Pacific, Pomona, USA

16:10 - 16:50 S8 - Prenatal and Postnatal Fetal Management

Hall B

Chairs: **Norbert Gleicher, USA**
Mathew Sermer, Canada

16:10 Fetal Cardiocentesis for Intrauterine Resuscitation during Fetoscopic Surgery

Sonia Frances Gonzalez (Vall d'Hebron Hospital, Barcelona, Spain)

16:20 Practical Problems of Cardiac Involvement in The Newborn of Diabetic Mother

Lavinia Dimitriu (Medex Medical Center, Iasi, Romania)

16:30 Challenges in the Diagnosis and Management of Fetal Arrhythmias: Single Centre Experience in Wales over 10 Year Period

Orhan Uzun (University Hospital of Wales, Cardiff, Wales)

16:40 Chemotherapy during Pregnancy: Impact of Chemotherapy and especially Anthracyclines on Fetal and Maternal Heart Function

Mina Mhallem Gziri

Leuven University Hospital, Katholieke Universiteit Leuven, Leuven, Belgium

16:50 - 18:15 Parallel Sessions S9-10

16:50 - 18:15 S9 - Aorta and Coronary Artery Disease

Hall A

Chairs: **Leisa Freeman**, United Kingdom

Joerg Stein, Austria

16:50 **Aortic Disease and Pregnancy**

Jolien Roos-Hesselink (*Erasmus Medical Center, Rotterdam, The Netherlands*)

17:05 **Aortic Coarctation and Pregnancy**

Titia Ruys (*Erasmus Medical Center, Rotterdam, The Netherlands*)

17:20 **Is The Risk of Aortopathy in a Patient with Bicuspid Aortic Valve or Turner Syndrome Equal that of Marfan Syndrome?**

Joerg Stein (*Medical University Innsbruck, Innsbruck, Austria*)

17:35 **Marfan Syndrome and Bicuspid Aortic Valve-Related Aortopathy in Pregnancy**

Sally Harris (*University Hospitals Bristol, Bristol, UK*)

17:45 **Coronary Artery Dissection in Pregnancy – is Stenting Really Best? How to Manage Delivery with Dual Antiplatelet Agents.**

Leisa Freeman (*Norfolk & Norwich University Hospital, Norwich, UK*)

18:00 **Pregnancy in Women with Ischemic Heart Disease, Are We Playing Safe?**

Eli Gutterman (*Carmel Medical Center & Zivun Medical Center, Haifa, Israel*)

16:50 - 18:15 S10 - Maternal and Fetal Cardiac Disease

Hall B

Chairs: **James D Fett**, USA

Motti Hallak, Israel

16:50 **Cardiopulmonary Resuscitation in Pregnancy**

Afshan B Hameed (*University of California, Irvine, USA*)

17:05 **Some Reasons Accounting for the High Incidence of PPCM in Haiti**

James D Fett

Hospital Albert Schweitzer, Deschanelles, Haiti, Peripartum Cardiomyopathy Network of North America (PCN), Lacey, WA, USA

17:20 **PAC-like in Rheumatic Heart Disease, Preeclampsia and HELPP**

Motti Hallak (*Hillel Yaffe Medical Center, Hadera, Israel*)

17:30 **Mode of Delivery in Fetuses with Congenital Heart Anomalies**

Wolfgang Henrich (*Germany Charite, University hospital, Berlin, Germany*)

17:45 **Low Cholesterol Predicts Poor Outcome in 176 Patients with Peripartum Cardiomyopathy**

Lori Blauwet (*Mayo Clinic, Rochester, MN, USA*)

16:50 - 18:15 S10 - Maternal and Fetal Cardiac Disease (Cont.)

Hall B

17:55 **Severe Maternal Morbidity and Mortality from Cardiovascular Disease in the Netherlands**

Claartje Huisman

Bronovo Hospital, The Hague, The Netherlands, Leiden University Medical Centre, Leiden, The Netherlands

18:05 **Maternal and Fetal Risks from Heart Surgery during Pregnancy**

Maria Rita Bortolotto (*Heart Institute(InCor), Sao Paulo, Brazil*)

07:30 - 13:30 All Day Registration

08:00 - 10:00 PL6 - Peripartum Cardiomyopathy

Hall A

Chairs: **Sorel Goland**, Israel

Dennis McNamara, USA

08:00 **Novel Aspects of the Parthophysiology behind PPCM**

Edith Podewski (*Centre for Internal Medicine, Hannover, Germany*)

08:15 **Cellular Immunity and Pathogenesis of PPCM**

Dennis McNamara (*University of Pittsburgh Medical Center, Pittsburgh, USA*)

08:30 **Bromocriptine in the Treatment of Peripartum Cardiomyopathy: Is It Ready for Prime Time?**

Lori Blauwet (*Mayo Clinic, Rochester, MN, USA*)

08:45 **Novel Evidence for Cardiac Angiogenic Imbalance as a Cause for PPCM**

Zoltan Arany (*Beth Israel Deaconess Medical Center, Boston, USA*)

09:00 **Update on Genetics in PPCM**

Karin Y van Spaendonck-Zwarts

University Medical Center Groningen, Groningen, Netherlands

09:15 **Preeclampsia: an Important Risk Factor for the Development of PPCM**

Zoltan Arany

Beth Israel Deaconess Medical Center & Harvard Med School, Boston, USA

09:30 **Left Ventricular Recovery in PPCM: Clinical Predictors, Racial and Geographical Differences**

Sorel Goland (*Kaplan Medical Center, Rehovot, Israel*)

09:40 **Estimating Risk for Relapse of Heart Failure in a Post-PPCM Pregnancy**

James D Fett (*University of Pittsburgh Cardiovascular Institute, Pittsburgh, PA, USA*)

09:50 **Panel Discussion**

10:00 - 10:40	PL7 - Cardiovascular Medications	Hall A
	Chair: Avraham Shotan , Israel	

10:00	Beta-blockers During Pregnancy in Patients with Isolated Tachyarrhythmia are Independently Associated with Fetal Growth Restriction <i>Anne S Ersboll</i> <i>Rigshospitalet - Copenhagen University Hospital, Copenhagen, Denmark</i>	
10:10	Safety of Cardiovascular Medications During Pregnancy and Lactation <i>Gideon Koren</i> (<i>The Hospital for Sick Children, Toronto, Canada</i>)	

10:40 - 11:00	Coffee Break, Poster Viewing and Exhibition Visit	
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11:00 - 13:10	PL8 - Fetal Management and Thromboembolism and Anticoagulation	Hall A
	Chairs: Ulrich Gembruch , Germany Claire McLintock , New Zealand Petronella G. Pieper , Netherlands	

11:00	Heterotaxy Syndrome <i>Ulrich Gembruch</i> (<i>University of Bonn, Bonn, Germany</i>)	
11:15	Altered Postnatal Management in Prenatally Diagnosed Cardiac Defects <i>Christoph Berg</i> (<i>University of Cologne and Bonn, Bonn, Germany</i>)	
11:30	Neonatal Outcomes in Patients with Heart Disease According to WHO Risk Classification <i>Elena Vasario</i> (<i>Sant'Anna Hospital, Turin, Italy</i>)	
11:40	Anticoagulation in Pregnant Women with Mechanical Heart Valves: The New ESC Guidelines <i>Petronella G Pieper</i> (<i>University Medical Center, Groningen, Netherlands</i>)	
11:55	Anticoagulation in Pregnant Women with Mechanical Valves Receiving Low Molecular Heparin: Peak or Trough Levels? <i>Sorel Goland</i> (<i>Kaplan Medical Center, Rehovot, Israel</i>)	
12:10	Pregnancy Outcome in Pregnant Women with Prosthetic Heart Valves on Oral Anticoagulant Therapy <i>Niloufar Samiei</i> <i>Shaheed Rajaei Cardiovascular Medical and Research Center, Tehran, Iran</i>	

**11:00 - 13:10 PL8 - Fetal Management and Thromboembolism and Anticoagulation Hall A
(Cont.)**

12:20 **Regimen of Anticoagulation in Pregnant Women with Mechanical Valves Who Underwent Amniocentesis: Experience of Two Cases**
Line Leduc (CHU Sainte-Justine, Universite de Montreal, Montreal, Qc, Canada)

12:30 **Low Dose Warfarin: A Safe Alternative for Anticoagulation of Pregnant Women with Mechanical Prosthetic Heart Valves?**
Uri Elkayam (University of Southern California, Los Angeles, CA, USA)

12:50 Panel Discussion

13:10 - 13:15 Closing Remarks
