



Meeting Organizers:

Zohair Al-Halees, Riyadh, Saudi Arabia

Christo I. Tchervenkov, Montreal, Canada

Local Host: Zohair Al-Halees, Riyadh, Saudi Arabia

Local Committee: Chair: Zohair Al-Halees, Riyadh, Saudi Arabia Osman Al-Radi, Jeddah, Saudi Arabia

Obaid Aljassim, Dubai, UAE Roberto Di Donato, Dubai, UAE

Abdulaziz Al-Khaldi, Riyadh, Saudi Arabia François Lacour-Gayet, Muscat, Oman

Wael Al Mahmeed, Dubai, UAE Hani Najm, Cleveland, USA

Howaida Al-Qethamy, Riyadh, Saudi Arabia

In association with: Arab Association of Cardiothoracic Surgery

Gulf Heart Association

Egyptian Society of Cardiology

Pan Arab Congenital Heart Disease Association

Egyptian Society of Cardiothoracic Surgery

Saudi Heart Association

Emirates Cardiac Society

Advisory Committee:

Co-Chairs: Zohair Al-Halees, Riyadh, Saudi Arabia, Local Host | Christo I. Tchervenkov, WSPCHS Executive Director

Abdulhameed Aljassim, Riyadh, Saudi Arabia Jameel Khan, Dubai, UAE

Abdullah Alfarqani, Muscat, Oman Jeffrey P. Jacobs, St. Petersburg, USA

Adel Khayati, Tunis, Tunisia Joseph A. Dearani, Rochester, USA

Ahmad Alkamali, Dubai, UAE Jose Fragata, Lisbon, Portugal

Ahmed Alomrani, Riyadh, Saudi Arabia Kirsten Finucane, Auckland, New Zealand

Ahmed Jamjoun, Jeddah, Saudi Arabia Krishna Iyer, New Delhi, India

Amjad Kouatli, Jeddah, Saudi Arabia Mahmoud Elbarbary, Riyadh, Saudi Arabia

Emile Bacha, New York, USA Mansour Aljoufan, Riyadh, Saudi Arabia

Essam Rasi, Beirut, Lebanon Marcelo B. Jatene, Sao Paulo, Brazil

Frank Edwin, Accra, Ghana Marshall L. Jacobs, Baltimore, USA

Hala Hamza, Mansoura, Egypt Mashail Alobaidan, Riyadh, Saudi Arabia

Haytham AlHashmi, Dubai, UAE Mouaz Al-Mallah, Riyadh, Saudi Arabia

Hiromi Kurosawa, Tokyo, Japan Mohammed Hamdan, Dubai, UAE

James K. Kirklin, Birmingham, USA Mouna Kanaan, Damascus, Syria



Advisory Committee:

Co-Chairs: Zohair Al-Halees, Riyadh, Saudi Arabia, Local Host | Christo I. Tchervenkov, WSPCHS Executive Director

Mustafa Alqabandi, Kuwait	Sertac Cicek, Istanbul, Turkey
Naser Ammash, Rochester, USA	Soha Eman, Cairo, Egypt
Nestor Sandoval, Bogota, Colombia	Sulafa Ali, Khartoum, Sudan
Qing-Yu Wu, Beijing, China	Tarek ElKhouly, Cairo, Egypt
Richard A. Jonas, Washington, USA	Tarek Momenah, Riyadh, Saudi Arabia
Rima Badr, Jeddah, Saudi Arabia	Wael Abdelaal, Egypt, Cairo
Riyadh Abusulaiman, Riyadh, Saudi Arabia	Wail Alkashkari, Jeddah, Saudi Arabia
Saud Aloufi, Riyadh, Saudi Arabia	Ziyad Hijazi, Doha, Qatar

Program Committee (Abstract Reviewers):

Chairs: Zohair Al-Halees, Riyadh, Saudi Arabia | Christo I. Tchervenkov, Montreal, Canada

Hafil Abdulgani, Jakarta, Indonesia	Victor Caicedo, Bogota, Colombia
Obaid Aljassim, Dubai, UAE	Luiz F. Caneo, Sao Paulo, Brazil
Abdulaziz Al-Khaldi, Riyadh, Saudi Arabia	Jorge Cervantes, Mexico City, Mexico
Wael Al Mahmeed, Dubai, UAE	Sertac M. Cicek, Istanbul, Turkey
Howaida Al-Qethamy, Riyadh, Saudi Arabia	Joseph A. Dearani, Rochester, USA
Osman Al-Radi, Jeddah, Saudi Arabia	Roberto Di Donato, Dubai, UAE
Naser Ammash, Rochester, USA	Tjark Ebels, Groningen, Netherlands
Miguel Arboleda, Lima, Peru	Frank Edwin, Accra, Ghana
Erle Austin, Louisville, USA	Adel Elgamal, Mansoura, Egypt
Emile Bacha, New York, USA	Kirsten Finucane, Auckland, New Zealand
Carl L. Backer, Chicago, USA	Jose Fragata, Lisbon, Portugal
David J. Barron, Birmingham, UK	Charles D. Fraser, Houston, USA
Pedro A. Becker, Santiago, Chile	Beatriz Furlanetto, Sao Paulo, Brazil
Drissi Boumzebra, Marrakesh, Morocco	Kristine Guleserian, Dallas, USA
John W. Brown, Indianapolis, USA	Viktor Hraska, Milwaukee, USA



Program Committee (Abstract Reviewers):

Chairs: Zohair Al-Halees, Riyadh, Saudi Arabia | Christo I. Tchervenkov, Montreal, Canada

Hajime Ichikawa, Osaka, Japan

Ericka Perez Albrecht, La Paz, Bolivia

Vladimir Ilyin, Moscow, Russia

Christian Pizarro, Wilmington, USA

Krishna S. Iyer, New Delhi, India

E. Samuel Ramirez-Marroquin, Mexico City, Mexico

Jeffrey P. Jacobs, St. Petersburg, USA

Kisaburo Sakamoto, Shizuoka, Japan

Marshall L. Jacobs, Baltimore, USA

Piya Samankatiwat, Bangkok, Thailand

Marcelo B. Jatene, Sao Paulo, Brazil

Eduardo Sancho, Campinas, Brazil

Richard A. Jonas, Washington, USA

Nestor F. Sandoval, Bogota, Colombia

Tae-Gook Jun, Seoul, Korea

Shunji Sano, Okayama, Japan

Tom R. Karl, St. Petersburg, USA

George E. Sarris, Athens, Greece

François Lacour-Gayet, Muscat, Oman

Rajesh Sharma, New Delhi, India

James K. Kirklin, Birmingham, USA

Ayman Shoeb, Cairo, Egypt

Martin Kostolny, London, United Kingdom

Sivakumar Sivalingam, Kuala Lumpur, Malaysia

Bernard Kreitman, Marseilles, France

Giovanni Stellin, Padova, Italy

Christian Kreuzer, Buenos Aires, Argentina

James St. Louis, Kansas City, USA

Hiromi Kurosawa, Tokyo, Japan

Si Chan Sung, Pusan, Korea

Stojan Lazarov, Sofia, Bulgaria

James S. Tweddell, Cincinnati, USA

Jinfen Liu, Shanghai, China

Susan Vosloo, Cape Town, South Africa

Ignacio Lugones, Buenos Aires, Argentina

Henry L. Walters, Detroit, USA

Hendrick Mamorare, Johannesburg, South Africa

Qing-Yu Wu, Beijing, China

Bohdan Maruszewski, Warsaw, Poland

Masaaki Yamagishi, Kyoto, Japan

Arata Murakami, Tokyo, Japan

Gerhard Ziemer, Chicago, USA

Hani Najm, Cleveland, USA



Governing Council Meeting

Wednesday, 26 October, 2016 at 19:00 to 22:00

Pre-Meeting Simultaneous Workshops

Thursday, 27 October, 2016 at 08:00 to 16:00

Right Ventricle, Right Ventricular Outflow Tract and Pulmonary Valve

Chairmen: Ziyad M. Hijazi, Doha, Qatar
John W. Brown, Indianapolis, USA
Mansour AlJufan, Riyadh, Saudi Arabia

Perinatal Cardiology: An Update

Chairmen: Norman Silverman, Palo Alto, USA
Rima Bader, Riyadh, Saudi Arabia
Mark S. Sklansky, Los Angeles, USA

Research Tips for the Young Clinicians

Chairmen: Mahmoud Elbarbary, Riyadh, Saudi Arabia
Jeffrey P. Jacobs, St. Petersburg, USA

Cardiovascular Nursing: Achieving Excellence in Patient Care

Chairmen: James St. Louis, Kansas City, USA
Hani Al Dalati, Riyadh, Saudi Arabia
Cecile Valencia, Riyadh, Saudi Arabia



SYMPOSIUM ON ADULT CONGENITAL HEART DISEASE

Dedicated to Gordon K. Danielson, Rochester, USA

Postgraduate Course Program Committee

Co-Chairs: Zohair Al-Halees, Riyadh, Saudi Arabia | Joseph A. Dearani, Rochester, USA | James K. Kirklin, Birmingham, USA
Christo I. Tchervenkov, Montreal, Canada

Obaid Aljassim, Dubai, UAE

Marcelo B. Jatene, Sao Paulo, Brazil

Naser Ammash, Rochester, USA

Jeffrey P. Jacobs, St. Petersburg, USA

Carl L. Backer, Chicago, USA

Richard A. Jonas, Washington, USA

Pedro A. Becker, Santiago, Chile

Tae-Gook Jun, Seoul, Korea

John W. Brown, Indianapolis, USA

Susan Vosloo, Cape Town, South Africa

Sertac M. Cicek, Istanbul, Turkey

Christian Kreutzer, Buenos Aires, Argentina

Roberto Di Donato, Dubai, UAE

Hiroki Kurosawa, Tokyo, Japan

Tjark Ebels, Groningen, Netherlands

Nestor Sandoval, Bogota, Colombia

Frank Edwin, Accra, Ghana

George Sarris, Athens, Greece

Kirsten Finucane, Auckland, New Zealand

James St. Louis, Kansas City, USA

Jose Fragata, Lisbon, Portugal

Qing-Yu Wu, Beijing, China

Krishna Iyer, New Delhi, India



Session 1: Adult Congenital Heart Disease: General Aspects

Chairmen: Zohair Al-Halees, Riyadh, Saudi Arabia | Joseph A. Dearani, Rochester, USA | James K. Kirklin, Birmingham, USA
Christo I. Tchervenkov, Montreal, Canada

08:00 - 08:05	Welcome from Local Host & Chairman, Program Committee	Zohair Al-Halees, Riyadh, Saudi Arabia
08:05 - 08:10	Welcome from President	Hiromi Kurosawa, Tokyo, Japan
08:10 - 08:15	Welcome from Executive Director & Founding President	Christo I. Tchervenkov, Montreal, Canada
08:15 - 08:30	Epidemiology & Global Burden of Adult Congenital Heart Disease	Ariane Marelli, Montreal, Canada
08:30 - 08:45	Optimal Organization and Team Composition for the Care of Adult Congenital Heart Disease: a North American Perspective	Naser Ammash, Rochester, USA
08:45 - 09:00	Status and Challenges of Care for Adult Congenital Heart Disease in Europe	Bohdan Maruszewski, Warsaw, Poland
09:00 - 09:15	Status and Challenges of Care for Adult Congenital Heart Disease in Asia	Koichiro Niwa, Tokyo, Japan
09:15 - 09:30	Status and Challenges of Care for Adult Congenital Heart Disease in Africa	Frank Edwin, Accra, Ghana
09:30 - 09:45	Status and Challenges of Care for Adult Congenital Heart Disease in Latin America	Nestor Sandoval, Bogota, Colombia
09:45 - 10:15	5th Stella Van Praagh Lecture Speaker: Gaetano Thiene, Padova, Italy Title: "Eisenmenger Syndrome Revisited" Introduced by: Giovanni Stellin, Padova, Italy	
10:15 - 10:45	Break	

Session 2: Oral Abstract 1

Chairmen: Osman Al-Radi, Jeddah, Saudi Arabia | Eduardo Sancho, Campinas, Brazil | Ignacio Lugones, Buenos Aires, Argentina

11:00 - 11:10	Oral 1 Abstract 73 THE APPROACH OF GUCH PATIENTS IN A DEVELOPING COUNTRY	<i>G. Furlanetto, R. Pereira, O. Pozo Ibanez, P. Chaccur, N. Arraes de Alencar C. França, S. R. F. Pedra, C.A. Cardoso Pedra, R. Nieckel da Costa, A.L. Paulista Guerra, M.A. Almeida e Silva, M.V. Tavares Santana, L.C. Bento de Souza</i> Instituto Dante Pazzanese de Cardiologia, Pediatric and Congenital Heart Surgery, São Paulo, BRAZIL
11:10 - 11:20	Oral 2 Abstract 32 POST-OPERATIVE COMPLICATIONS AND MORTALITY AFTER PEDIATRIC CARDIAC SURGERY IN LOW AND MIDDLE INCOME COUNTRIES. THE DEVIL IS IN THE DETAILS	<i>M. Cardarelli, I. Polivenok, F. Molloy, A. Pyetkov, V. Chadikovski, W. Novick</i> Inova Children Hospital, Falls Church, United States, William Novick Global Cardiac Alliance, Memphis, USA



11:20 - 11:30

Oral 3 Abstract 45
**IMPROVEMENT IN SURVIVAL: EVALUATION OF
TWO DIFFERENT MODELS OF CARE IN PEDIATRIC
CARDIAC SURGERY AT A GOVERNMENT
HOSPITAL IN A DEVELOPMENT COUNTRY**

*G. Davalos, L. Davila, O. Cobos,
C. Mendoza, R. Yametti*
Hospital Pediatrico Baca Ortiz, Cirugia Cardiaca,
Quito, ECUADOR

11:30 - 11:40

Oral 4 Abstract 83
**ON TABLE EXTUBATION AFTER PEDIATRIC
CARDIAC SURGERY: ANALYSIS OF 250 CASES
WITH INSTITUTIONAL PROTOCOL**

G. Kumar, V. Sharma, S. Joshi, V. Kumar
Army Hospital (Research & Referral),
Department of CTVS, New Delhi, INDIA

11:40 - 12:10

**2nd "Adib D. Jatene" Lecture on
Surgical Innovation**
Speaker: Devi Prasad Shetty, Bangalore, India
Title: "Process Innovation in the Delivery of Cardiac
Care in the Developing World versus the
Developed World"
Introduced by: Krishna Iyer, New Delhi, India

12:10 - 14:00

Lunch & Prayer

12:30 - 13:30

Research Committee Meeting



Session 3: Cardiac Imaging

Chairmen: Naser Ammash, Rochester, USA | Mouaz Al-Mallah, Riyadh, Saudi Arabia | Abdullah Al Sehly, Riyadh, Saudi Arabia

14:00 - 14:20	Role of Echocardiography for Adult Congenital Heart Disease	Girish Shirali, Kansas City, USA
14:20 - 14:40	Role of CT Angiography & MRI for Adult Congenital Heart Disease	Mouaz Al-Mallah, Riyadh, Saudi Arabia
14:40 - 15:00	Role of Cardiac Catheterization for Adult Congenital Heart Disease	Donald J. Hagler, Rochester, USA
15:00 - 15:20	Cardiac Imaging for Vascular Structures: Arterial & Venous Anomalies	Valeria Moreira, Sao Paulo, Brazil
15:20 - 15:40	The Role Imaging during Intervention for Adult Congenital Heart Disease with Emphasis on ASD Device Closure	Joseph Maalouf, Rochester, USA
15:40 - 16:00	Multimodality imaging for Adult Congenital Heart Disease: Consensus Position from the European Association for Cardiovascular Imaging	Giovanni Di Salvo, London, UK
16:00 - 16:30	Break & Prayer	

Session 4: Adult Congenital Heart Disease: Right Heart Lesions

Chairmen: Hiromi Kurosawa, Tokyo, Japan | Hafil Abdulgani, Jakarta, Indonesia | Pedro Becker, Santiago, Chile

16:30 - 16:45	Long-term Outcome following Childhood Repair for Ebstein's Malformation	Qingyu Wu, Beijing, China
16:45 - 17:00	Similarity & Differences for Ebstein's Repair between Children & Adults	Joseph A. Dearani, Rochester, USA
17:00 - 17:15	Is there a Role for One & a Half Ventricle Repair in the Adult?	Thomas L. Spray, Philadelphia, USA
17:15 - 17:30	Surgical Challenges in Adults with Unrepaired Tetralogy of Fallot	Krishna Iyer, New Delhi, India
17:30 - 17:45	Adults with Double Chambered Right Ventricle	Omar Galal, Riyadh, Saudi Arabia
17:45 - 18:00	Rhythm Issues in Adults with Congenital Heart Disease	Hani Sabbour, Abu Dhabi, UAE
18:00 - 19:00	Panel Discussion: How Best we can preserve the Right Ventricle?	Moderator: Pedro Del Nido, Boston, USA
19:00 - 20:00	Official Opening Ceremony	
20:00 - 22:00	Reception	



Session 5: Adult Congenital Heart Disease: Left Heart & Aorta

Chairmen: Abidallah Mouhcin, Casablanca, Morocco | James S. Tweddell, Cincinnati, USA | Stojan Lazarov, Sofia, Bulgaria

08:00 - 08:15	Spectrum & Challenges for Recurrent Left Ventricular Outflow Tract Obstruction in the Adult	Michel Ilbawi, Chicago, USA
08:15 - 08:30	Hypertrophic Obstructive Cardiomyopathy	Carlos A. Mestres, Abu Dhabi, UAE
08:30 - 08:45	Mitral Valve Surgery in the Adult following CAVC Repair	Viktor Hraska, Milwaukee, USA
08:45 - 09:00	Challenges in Primary Coarctation of the Aorta in the Adult	Jose Fragata, Lisbon, Portugal
09:00 - 09:15	Challenges in Recurrent Aortic Arch Obstruction in the Adult	Kisaburo Sakamoto, Shizuoka, Japan
09:15 - 09:30	Dilated Aortas in the Adult: When and What to Do?	Christian Pizarro, Wilmington, USA

Oral Abstract 2

09:30 - 9:40	Oral 5 Abstract 85 COMPARING SURVIVAL THROUGH STAGED PROCEDURES IN THE NORWOOD AND HYBRID PATHWAYS: A REPORT FROM THE CHSS DATA CENTER	<i>J. Meza, B. McCrindle, E. Blackstone, T. Karamlou, A. Lodge, K. Guleserian, K. Pourmoghadam, A. Dodge-Khatami, B. Alsoufi, P. Eghtesady, P. Gruber, J. Jacobs, C. Caldarone, J. O'Brien, P. Manning, F. Scholl, J. Kirklin, M. Jacobs, R. Jaquiss</i> Hospital for Sick Children, Cardiovascular Surgery, Toronto, CANADA
09:40 - 9:50	Oral 6 Abstract 52 SURGICAL CORRECTION OF SUPRAVALVULAR AORTIC STENOSIS: A 52 YEARS MULTI-CENTRE EXPERIENCE	<i>R. Roemers, F. de Heer, S. Arrigoni, R. Bökenkamp, T. Ebels, M. Hazekamp, J. Kluin</i> AMC Amsterdam, Netherlands, LUMC, Leiden, Netherlands, UMCG, Groningen, NETHERLANDS
09:50 - 10:00	Oral 7 Abstract 115 SINGLE-STAGE FONTAN PROCEDURE IN SELECTED CHILDREN IN THE MODERN ERA: A 15 YEAR SINGLE INSTITUTION EXPERIENCE	<i>X. Liu, H. Hong, H. Zhang, L. Qiu, Y. Sun, J. Liu</i> Shanghai Children's Medical Center, Shanghai Jiaotong University School of Medicine, Shanghai, CHINA
10:00 - 10:30	Break	



Session 6: World Database for Pediatric and Congenital Heart Surgery: A Tool for the Global Improvement of Quality of Care

Chairmen: James K. Kirklin, Birmingham, USA | James St. Louis, Kansas City, USA | Jeffrey P. Jacobs, St. Petersburg, USA
Nestor Sandoval, Bogota, Colombia

10:30 - 10:45	The World Database for Pediatric and Congenital Heart Surgery	James K. Kirklin, Birmingham, USA
10:45 - 11:00	Potential Impact of the World Database for Members of the WSPCHS: Quality Improvement and Global Outcomes Research	James D. St. Louis, Kansas City, USA
11:00 - 11:15	Collaboration with Other International Databases	Jeffrey P. Jacobs, St. Petersburg, USA
11:15 - 11:45	World Database Demonstration & Panel Discussion	James K. Kirklin, Birmingham, USA

Special Session

Chairmen: Giovanni Stellin, Padova, Italy - Immediate Past President
Christo I. Tchervenkov, Montreal, Canada - Executive Director & Founding President

11:45 - 12:00 **Farewell & Introduction of New President**

Outgoing President: Hiromi Kurosawa, Tokyo, Japan

12:00 - 12:30 **Presidential Address**

New President: Richard A. Jonas, Washington, USA

Title: "Strengthening International Collaboration in Congenital Heart Surgery"

12:30 - 13:00 **5th Aldo R. Castañeda Lecture**

Speaker: Magdi Yacoub, London, UK

Title: "Transposition of the Great Arteries: from Developmental Biology to Surgical Treatment"

Introduced by: Zohair Al-Halees, Riyadh, Saudi Arabia

13:00 - 14:00 Lunch



Session 7: Adult Congenital Heart Disease: Long-term problems in dTGA & ccTGA

Chairmen: François Lacour-Gayet, Muscat, Oman | Tae-Gook Jun, Seoul, Korea | Martin Kostolny, London, United Kingdom

14:00 - 14:15	Surveillance and Management of Coronary Artery Problems following the Arterial Switch Operation	Emile Bacha, New York, USA
14:15 - 14:30	Late Reoperations following the Arterial Switch Operation	Marcelo B. Jatene, Sao Paulo, Brazil
14:30 - 14:45	Surgical Strategies for the Failing Atrial Switch	Sertac Cicek, Istanbul, Turkey
14:45 - 15:00	Late Outcomes and Natural History for ccTGA in the Adult	Carole A. Warnes, Rochester, USA
15:00 - 15:15	Surgical Options for the Adult with ccTGA	Hiromi Kurosawa, Tokyo, Japan
15:15 - 15:30	When is too Late for a Double Switch?	Rajesh Sharma, New Delhi, India
15:30 - 15:45	How to approach the Atrial Switch Patient with Baffle Leak or Stenosis?	Shakeel Qureshi, London, UK
15:45 - 16:00	Transplantation for complex CHD: Challenges & Outcomes	Kirk R. Kanter, Atlanta, USA
16:00 - 16:15	Role of Fontan Conversion	Carl L. Backer, Chicago, USA
16:15 - 16:30	Panel Discussion	
16:30 - 17:00	Break & Prayer	

Annual Business Meeting: (WSPCHS Members only)

Chairmen: Hiromi Kurosawa, Tokyo, Japan | Richard A. Jonas, Washington, USA | Nestor Sandoval, Bogota, Colombia
Christo I. Tchervenkov, Montreal, Canada

17:00 - 18:00 Annual Business Meeting (WSPCHS Members only)

20:00 Gala Dinner



Town Hall Meeting: "Global Standards of Competence for Pediatric and Congenital Heart Surgery"

Chairmen: Richard A. Jonas, Washington, USA | Howaida Al-Qethamy, Riyadh, Saudi Arabia
Tjark Ebels, Groningen, Netherlands | Frank Edwin, Accra, Ghana | Christo I. Tchervenkov, Montreal, Canada
Nestor Sandoval, Bogota, Colombia | Krishna Iyer, New Delhi, India | Susan Vosloo, Cape Town, South Africa

07:30 - 07:35	Welcome	Richard A. Jonas, Washington, USA
07:35 - 07:45	Global Standards of Competence for Congenital Heart Surgery	Tom R. Karl and Jeffrey Jacobs St. Petersburg, USA
07:45 - 07:55	Competence and Certification for Congenital Heart Surgery in USA	James S. Tweddell, Cincinnati, USA
07:55 - 08:05	Competence and Certification for Congenital Heart Surgery in Europe	George E. Sarris, Athens, Greece
08:05 - 08:15	Competence and Certification for Congenital Heart Surgery in Asia	Howaida Al-Qethamy, Riyadh, Saudi Arabia
08:15 - 08:25	Competence and Certification for Congenital Heart Surgery in Latin America	Pedro A. Becker, Santiago, Chile
08:25 - 08:35	Competence and Certification for Congenital Heart Surgery in Africa	Susan Vosloo, Cape Town, South Africa
08:35 - 09:00	Panel Discussion	

Session 8: Oral Abstract 3

Chairmen: Adel Elgamal, Mansoura, Egypt | Ericka Perez Albrecht, La Paz, Bolivia | Drissi Boumzebra, Marrakesh, Morocco

09:00 - 09:15	Unrepaired Functionally Univentricular Heart: Surgical Strategies	Sachin Talwar, New Delhi, India
09:15 - 09:25	Oral 8 Abstract 12 PROSPECTIVE EUROPEAN MULTI-CENTRE TRIAL EVALUATING DECELLULARIZED HOMOGRAFTS FOR PULMONARY VALVE REPLACEMENT – THE ESPOIR STUDY	<i>G. Stellin, S. Sarikouch, M. Padalino, A. Horke, B. Meyns, M. Hazekamp, M. Hubler, A. Ciubotaru, V. Tsang, M. Harder, A. van den Bogaert, A. Paolin, M. Borgel, R. Jashari, A. Haverich, on behalf of ESPOIR Consortium, EU 7Th Framework Programme for Research-G.A. # 278453 University of Padova, Medical School, Dept of Cardiac, Thoracic and Vascular Sciences, Padova, ITALY</i>
09:25 - 09:35	Oral 9 Abstract 55 CAN WE CONSIDER MECHANICAL VALVE AS CHOICE FOR PULMONARY VALVE REPLACEMENT?	<i>M. Gholampour Dehaki, H. Javadikasgari, G. Omrani, A. Alizadeh Ghavidel, A. Al-Dairy, H. Tatari Rajaie Cardiovascular Medical and Research Center, Tehran, ISLAMIC REPUBLIC OF IRAN</i>
09:35 - 09:45	Oral 10 Abstract 53 VALVE SPARING VERSUS TRANSANNULAR PATCH IN TETRALOGY OF FALLOT REPAIR: SINGLE CENTER, LONG TERM RESULTS	<i>M. Mohammed, Z. Alhalees, S. Aloufi, G. De Salvio, A. Al Wadai, A. Al-Sehly The Heart Centre, King Faisal Specialist Hospital and Research Centre, Riyadh, SAUDI ARABIA, Department of Cardiothoracic Surgery, Sohag University Hospital, Sohag, EGYPT</i>



09:45 - 09:55	Oral 11 Abstract 71 PULMONARY VALVE SPARING AND LEAFLET ENHANCEMENT IN REPAIR OF TETRALOGY OF FALLOT BASED ON MORPHOLOGY OF PULMONARY VALVE	<i>A. Dharmapuram, N. Ramadoss, S. Verma, G. Vejendla, R. Ivatury</i> Krishna Institute of Medical Sciences, Secunderabad, INDIA
09:55 - 10:05	Oral 12 Abstract 109 THE MODIFIED BLALOCK-TAUSSIG SHUNT VERSUS RIGHT VENTRICLE TO PULMONARY ARTERY SHUNT FOR STAGE ONE NORWOOD PROCEDURE: AN 11 YEAR EXPERIENCE OUTSIDE NORTH AMERICA AND EUROPE	<i>M. Ismail, A. Jamjoom, T. Hamouda, O. Al-Radi</i> Mansoura University, Cardiothoracic Surgery, Mansoura, Egypt King Faisal Specialist Hospital and Research Center, Cardiovascular, Jeddah, SAUDI ARABIA
10:05 - 10:15	Oral 13 Abstract 46 CRYOPRESERVED SAPHENOUS VEIN COMPARED WITH PTFE AS MODIFIED BLALOCK-TAUSSIG OR CENTRAL SHUNT IN CONGENITAL HEART DISEASE	<i>R. Kaur, D. Bhurtel, M. Bielefeld, J. Morales, L. Durham</i> Driscoll Children's Hospital, Pediatrics, Corpus Christi, USA
10:15 - 10:25	Oral 14 Abstract 106 MODIFIED SENNING'S OPERATION. A 12-YEARS SINGLE CENTER EXPERIENCE FOR TREATMENT OF SIMPLE TRANSPOSITION	<i>M.F. Abbas, M. Abdelraouf khalil, F.A.Z. Mostafa Gomaa</i> Kasr Al Ainy College of Medicine, Cairo University, Cardiothoracic surgery department, Giza, EGYPT
10:25 - 10:35	Oral 15 Abstract 74 GOTHIC AORTIC ARCH AND CARDIAC MECHANICS IN YOUNG PATIENTS AFTER ARTERIAL SWITCH OPERATION FOR d-TRANSPOSITION OF THE GREAT ARTERIES	<i>G. Di Salvo, M. Al Habdan, G. Siblani</i> King Faisal Specialist Hospital and Research Center, Riyadh, SAUDI ARABIA
10:35 - 10:45	Oral 16 Abstract 98 A NOVEL METHOD OF CORONARY ARTERY LENGTHENING TO AID CORONARY TRANSFER IN ARTERIAL SWITCH OPERATION-THE FREE SUBCLAVIAN ARTERY GRAFT	<i>J. Valliattu</i> Royal Hospital National Heart Center, Pediatric Cardiac Surgery, Muscat, OMAN
10:45 - 11:15	Break	

Session 9: Adult Congenital Heart Disease: Failing Fontan

Chairmen: Christian Kreutzer, Buenos Aires, Argentina | Thomas L. Spray, Philadelphia, USA
Wail Alkashkari, Jeddah, Saudi Arabia

11:15 - 11:30	Long-term Outcome Following the Fontan Operation	Kirsten Finucane, Auckland, New Zealand
11:30 - 11:45	Medical Problems and Management of the Failing Fontan	Julie Brothers, Philadelphia, USA
11:45 - 12:00	The Role of the Interventional Cardiologist for the Failing Fontan	Shakeel Qureshi, London, UK
12:00 - 12:15	Role of Mechanical Support for the Failing Fontan	Mark Rodefeld, Indianapolis, USA
12:15 - 12:30	Role of Transplantation for the Failing Fontan	James K. Kirklin, Birmingham, USA
12:30 - 12:45	European Experience with Failing Fontan: Comparison of Revision versus Transplantation	Joost van Melle, Groningen, Netherlands
12:45 - 13:00	Panel Discussion	
13:00 - 14:00	Lunch & Prayer	

Session 10: Oral Abstract 4

Chairmen: Mamdouh Al-Ahmadi, Riyadh, Saudi Arabia | Richard A. Jonas, Washington, USA
Jorge Cervantes, Mexico City, Mexico

14:00 - 14:10	Oral 17 Abstract 61 COMPLETE VIDEO-ASSISTED ADULT CONGENITAL VENTRICULAR SEPTAL DEFECT REPAIR WITH CARDIOPULMONARY BYPASS: A 35 CASES REPORT	<i>H. Zhou, L. Tao, X. Zeng, A. Waqar, K. Kikuchi</i> Wuhan Asia Heart Hospital of Wuhan University & Wuhan Science and Technology University, Department of Cardiothoracic Surgery, Wuhan, CHINA
14:10 - 14:20	Oral 18 Abstract 2 COMMON ARTERIAL TRUNK: EARLY AND MIDTERM RESULTS OF LATE (BEYOND ONE YEAR OF AGE) PRIMARY COMPLETE REPAIR	<i>M. Al-Yamani, B. Kreitmann, V. Fouilloux, E. Belli, J.-B. THAMBO, L. Labrousse, F. Roubertie</i> University Hospital of Bordeaux, Department of Paediatric and Adult Congenital Heart Defects, Bordeaux, FRANCE
14:20 - 14:30	Oral 19 Abstract 36 FIRST EXPERIENCE OF CONE RECONSTRUCTION OF EBSTEIN'S ANOMALY INCLUDING INFANTS AND YOUNG CHILDREN	<i>R. Movsesyan, V. Bolsunovskii, G. Khubulava, S. Shorokhov, A. Shikhranov, A. Bolsunovskii, M. Khokhlunov, N. Antsygin</i> Mechnikov North-West State Medical University, Cardiosurgery Children City Hospital#1, St. Petesburg, RUSSIA
14:30 - 14:45	Oral 20 Abstract 20 OUTCOMES OF PATIENTS UNDERGOING PRIMARY FONTAN OPERATION BEYOND FIRST DECADE OF LIFE	<i>B. Airan, S. Talwar, S. Singh, S. Choudhary</i> AIIMS, New Delhi, INDIA

Adult Congenital Heart Disease: Miscellaneous Issues

14:45 - 15:15	Conventional Surgical Strategies for Congenital Heart Disease with Pulmonary Hypertension	Hao Zhang, Beijing, China
15:00 - 15:15	Anomalous Aortic Origin of the Coronary Arteries	Julie Brothers, Philadelphia, USA
15:15 - 15:30	Pregnancy in Adults with Congenital Heart Disease	Maie Shahid, Riyadh, Saudi Arabia
15:30 - 15:45	Assessment of the Adult Congenital Heart Disease Patients for Non-Cardiac Surgery	Khalid Najashi, Riyadh, Saudi Arabia
15:45 - 16:00	Psychological problems in Adults with Congenital Heart Disease	Maria Giovanna Russo, Naples, Italy
16:00 - 16:15	Cardiac Prosthetic Valvar labeling is obfuscating and Effective Orifice Area is flawed by misconception of the Gorlin Formula	Tjark Ebels, Groningen, Netherlands
16:15 - 16:30	Adults with Congenital Heart Disease: Lessons Learned from Multi-institutional Registries & Collaboration across Continents & Databases	Jeffrey P. Jacobs, St. Petersburg, USA

Conclusion

16:30 - 16:35	Farewell remarks WSPCHS 5th Scientific Meeting, Abu Dhabi, UAE	Zohair Al-Halees, Riyadh, Saudi Arabia
16:35 - 16:40	Invitation to 6 th Scientific Meeting WSPCHS Orlando, Florida, USA July 23-26, 2018 Jeffrey P. Jacobs	Jeffrey P. Jacobs, St. Petersburg, USA
16:40 - 16:45	Concluding Remarks	Richard A. Jonas, Washington, USA
16:45	Meeting Adjourned	