

Oral Abstract Presentations

Sunday, 8/30/26

10:55AM - 12:50PM

Room 1: Moderators: *Doff McElhinney, Lee Benson, Allison Cabalka*
Marriott Grand Main Ballroom – 2nd Floor Lobby Level

10:55AM

151. Transcatheter Pulmonary Venus P-Valve™ Implantation: Results From A Multicenter European Registry

Sophie Guiti Malekzadeh Milani¹, Sebastien Hascoet², Damien Kenny³, Peter Kramer⁴, Massimo Chessa⁵, Maria Jesus Del Cerro Marin⁶, Sebastian Goreczny⁷, Matthew I Jones⁸, Gianfranco Butera⁹, Mickael R Schmidt¹⁰, Patrice Guerin¹¹, Felix Berger⁴, Neil Derridj¹, Sok-Leng Kang¹², Nicola Mc Cay³, Angelo D'Aiello⁵, Clement Batteux², Mara Pilati⁹, Kevin Walsh³, Reem Rashed⁸, Damien Bonnet¹, Shakeel Qureshi⁸, Phuoc Duong¹³, James Bentham¹²

¹Hôpital Necker Enfants Malades, Paris, France. ²Hopital Marie Lannelongue, 92350 Le Plessis-Robinson, France. ³Children's Health Ireland at Crumlin and Mater Misericordiae University Hospital, Dublin, Ireland. ⁴Deutsches Herzzentrum der Charité, Berlin, Germany. ⁵IRCCS-Policlinico San Donato, Milan, Italy. ⁶Ramón y Cajal University Hospital, Madrid, Spain. ⁷University Children's Hospital, Faculty of Medicine, Jagiellonian University Medical College, Krakow, Poland. ⁸Evelina London Children's Hospital, Guy's & St Thomas' Hospital Trust, London, United Kingdom. ⁹Bambino Gesù' Children's Hospital IRCCS, Rome, Italy. ¹⁰Rigshospitalet, Blegdamsvej, Copenhagen, Denmark. ¹¹CHU Nantes, Nantes, France. ¹²Leeds General Infirmary, Leeds, United Kingdom. ¹³Alder Hey Children's Hospital, Liverpool, United Kingdom

11:02AM

12. Impact of Socioeconomic Status on Outcomes After Surgical or Transcatheter Intervention for Dysfunctional Right Ventricular Outflow Tracts

Jonathon Hagel¹, Seo JangDong², Eimear McGovern³, Shabana Shahanavaz²

¹University of Michigan, C.S. Mott Children's Hospital, Ann Arbor, USA. ²Cincinnati Children's Hospital, Cincinnati, USA. ³Children's Health Ireland, Children's Heart Center, Dublin, Ireland

11:09AM

23. Outcomes of Transcatheter Palliation with Pulmonary Artery Flow Restrictors in Neonates with Congenital Heart Disease

Ah-Young Kim, John A. Coppola, Mohammad Alnoor, Ralf Holzer, Gary W Raff, Timothy Pirolli, Frank F. Ing

Pediatric Heart Center, UC Davis Children's Hospital, Sacramento, USA

11:16AM

25. Atrial Flow Regulator for Paediatric Restrictive Cardiomyopathy: Haemodynamic Effects and Clinical Outcomes

Samuel Parsons, Robert Yates, Graham Derrick, Abdul Salam, Craig Laurence, Michael Burch, Sachin Khambadkone

Great Ormond Street Hospital for Children NHS Foundation Trust, London, United Kingdom

11:23AM

31. Effects of Under- and Over-Expansion on MyVal OCTACOR Transcatheter Heart Valve Function: Bench Simulation Study

Raymond Haddad¹, Vlad Ciobotaru¹, Sébastien Hascoët¹, Alain Fraisse²

¹Marie Lannelongue Hospital, Le Plessis-Robinson, France. ²Royal Brompton & Harefield Hospitals, London, United Kingdom

11:30AM

32. Off-Label Use of the Amplatzer Duct Occluder II for Small-to-Moderate Perimembranous VSD Closure: Insights from the PERICLOSE Registry

Raymond Haddad¹, Zakhia Saliba², Nazmi Narin³, Hojat Mortezaeian⁴, Kaan Yildiz⁵, Roberto Mijangos-Vázquez⁶, Michal Galeczka⁷, Roland Fiszer⁷, Katarzyna Gendera⁸, Petru Liuba⁹, Ming Chern Leong¹⁰, Mohamed Kasem¹¹, Ibrahim Ece¹², Alessia Callegari¹³, Ali Houeijeh¹⁴, Mete Han Kizilkaya¹⁵, Mansour Al-Mutairi¹⁶, Mazni Alwi¹⁰, Zahra Naghmehsanj⁴, Sébastien Hascoët¹, Michael Rahbek Schmidt¹⁷

¹Marie Lannelongue Hospital, Le Plessis-Robinson, France. ²Hotel Dieu de France, Beyrouth, Lebanon. ³Katip Celebi University, Izmir, Turkey. ⁴Rajaie Cardiovascular, Medical and Research Center, Tehran, Iran, Islamic Republic of. ⁵SBU Tepecik Training and Research Hospital, Izmir, Turkey. ⁶Pediatric Specialties Hospital, Chiapas, Mexico. ⁷Silesian Center for Heart Diseases, Zabrze, Poland. ⁸German Heart Center Munich, Munich, Germany. ⁹Skane University Hospital, Lund, Sweden. ¹⁰Institute Jantung Negara (National Heart Institute), Kuala Lumpur, Malaysia. ¹¹Al Jalila Children's Speciality Hospital, Dubai, UAE. ¹²Ankara City Hospital, Ankara, Turkey. ¹³University Children's Hospital Zurich, Zurich, Switzerland. ¹⁴Lille University Hospital, Lille, France. ¹⁵Koç University, Istanbul, Turkey. ¹⁶Madinah Cardiac Center, Madinah Munawara, Saudi Arabia. ¹⁷Rigshospitalet, Blegdamsvej, Copenhagen, Denmark

11:37AM

46. Classical But Effective Catheter Intervention; Ballon Pulmonary Valvuloplasty For Neonate Fallot To Avoid Transannular Patch Repair.

Naomi Nakagawa, Kohsuke Ashihara, Yusuke Toyota, Kengo Okamoto, Masaki Hirose, Masahiro Kamada

Department of Pediatric Cardiology, Hiroshima City Hospital, Hiroshima, Japan

11:44AM

47. The Terumo Azur Vascular Plug For Occlusion Of The Patent Ductus Arteriosus In Premature Neonates – A First Clinical Application.

Mohammed Abed, Nicholas Fitzgerald, Lee Benson, Rajiv Chaturvedi
The Hospital for Sick Children, Toronto, Canada

11:51AM

49. Bedside In-Incubator Transcatheter Patent Ductus Arteriosus Closure In Low And Extremely Low Birthweight Premature Infants: Patient Selection And Acute And Medium-Term Outcomes.

Patrick Sullivan, Jennifer Shepherd, Shahab Noori, Neil Patel, Aurriel Fenison, Shuo Wang, Darren Berman
Children's Hospital Los Angeles, Los Angeles, USA

11:58AM

114. Right-sided SESAME - Right Endocardial Scoring/Cutting Using Electrosurgery (RESCUE) - An Innovative new procedure for residual RVOTO

Ramakrishnan Sivasubramanian¹, Ankur Handa¹, Saurabh Gupta¹, Lamk Kadiyani¹, Arun Gopalamurugan²

¹All India Institute of Medical Sciences, New Delhi, India. ²MGM, Chennai, India

12:05PM

55. Expansion Characteristics of Supported Contegra Conduits for Transcatheter Pulmonary Valve Replacement

Cagla Nur Kutukcu¹, Patrick M. Sullivan², Darren P. Berman², Cheryl Takao¹, Neil D. Patel²

¹Children's Hospital Los Angeles, Los Angeles, USA. ²Children's Hospital Los Angeles, Los Angeles, USA

12:12PM

56. In-Vitro Bench Testing Using Patient-Specific 3D Models For Percutaneous Pulmonary Valve Implantation With Venus P-Valve

Yu Han, Gejun Zhang

Fuwai Central Cardiovascular Hospital, Zhengzhou, China

12:19PM

60. Long-Term Outcomes After Balloon Aortic Valvuloplasty for Severe Neonatal Aortic Stenosis. Single-institutional experience.

Yuval Barak-Corren^{1,2}, Noga Reshef³, Eli Fried¹, Tamir Dagan¹, Gabriel Amir^{1,2}, Einat Birk^{1,2}, Elchanan Bruckheimer¹

¹Section of Pediatric Cardiology, Schneider Children's Medical Center of Israel, Petach Tikva, Israel. ²Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel. ³Faculty of Medicine, The Hebrew University of Jerusalem, Jerusalem, Israel

12:26PM

63. Four-Year Pooled Results of the ALTERRA Trials: Transcatheter Pulmonary Valve Replacement with the Alterra Adaptive Presept and SAPIEN 3 Transcatheter Heart Valve

Shabana Shahanavaz¹, David Balzer², Thomas Zellers³, Gareth Morgan⁴, Michae Hainstock⁵, D. Scott Lim⁵, Vasilis Babaliaros⁶, Dennis Kim⁷, Aimee K Armstrong⁸, Stephen Nageotte⁹, Matthew J Gillespie¹⁰, Robert Somme¹¹, Alejandro J. Torres¹¹, Jamil Aboulhosn¹², Gentian Lluri¹², Thomas K. Jones¹³, Brian Morray¹³, Vaikom S. Mahadevan¹⁴, Sammy Elmariah¹⁴, Gary Stapleton¹⁵, Ying Ma¹⁶, Girish Shirali¹⁷, Anitha Parthiban¹⁵, Philipp Blanke¹⁸, V. Vivian Dimas³
¹Cincinnati Children's Hospital, Cincinnati, OH, USA. ²Washington University, St. Louis, MO, USA. ³Children's Medical Center Dallas, Dallas, TX, USA. ⁴Children's Hospital of Colorado, Denver, CO, USA. ⁵University of Virginia, Charlottesville, VA, USA. ⁶Emory University, Atlanta, GA, USA. ⁷Children's Healthcare of Atlanta, Atlanta, GA, USA. ⁸Nationwide Children's Hospital, Columbus, OH, USA. ⁹Cedars-Sinai Medical Center, Los Angeles, CA, USA. ¹⁰Children's Hospital of Philadelphia, Philadelphia, PA, USA. ¹¹Columbia University Medical Center, New York, NY, USA. ¹²University of California-Los Angeles, Los Angeles, CA, USA. ¹³Seattle Children's Hospital, University of Washington, Seattle, WA, USA. ¹⁴University of California-San Francisco, San Francisco, CA, USA. ¹⁵Texas Children's Hospital, Baylor College of Medicine, Houston, TX, USA. ¹⁶Edwards Lifesciences, Irvine, CA, USA. ¹⁷Children's Mercy Hospital, Kansas City, MO, USA. ¹⁸St. Paul's Hospital, Vancouver, Canada

12:33PM

65. Transcatheter Pulmonic Valve Replacement with RESILIA Tissue Technology for Patients with a Dysfunctional RVOT Conduit or Prior Surgical Pulmonic Valve: One-year Results from the COMPASSION S3 Ultra RESILIA Registry

Surendranath R. Veeram Reddy¹, Michael J. Angtuaco², Gregory Fleming³, Richard Krasuski³, Weiyi Tan⁴, Shabana Shahanavaz⁵, David Balzer⁶, Michael Hainstock⁷, Neil Taylor⁸, Shyam Sathanandam⁸, Robert Gray⁹, Nicola Maschietto¹⁰, Ada C. Stefanescu Schmidt¹¹, Gary Stapleton¹², Wenhao Li¹³, Girish Shirali¹⁴, Vasilis Babaliaros¹⁵
¹Division of Pediatric Cardiology, University of Texas Southwestern Medical Center, Dallas, TX, USA. ²University of Arkansas for Medical Sciences, Arkansas Children's Hospital, Little Rock, AR, USA. ³Department of Pediatrics, Duke University Medical Center, Durham, NC, USA. ⁴University of Texas Southwestern Medical Center, Dallas, TX, USA. ⁵Cincinnati Children's Hospital, Cincinnati, OH, USA. ⁶Washington University School of Medicine, St. Louis Children's Hospital, St. Louis, MO, USA. ⁷Division of Pediatric Cardiology, University of Virginia, Charlottesville, VA, USA. ⁸Le Bonheur Children's Hospital, Memphis, TN, USA. ⁹Intermountain Medical Center Salt Lake City, Salt Lake City, UT, USA. ¹⁰Boston Children's Hospital, Harvard Medical School, Boston, MA, USA. ¹¹Heart and Vascular Institute, Massachusetts General Hospital, Boston, MA, USA. ¹²Medical City Children's Hospital, Dallas, TX, USA. ¹³Edwards Lifesciences, Irvine, CA, USA. ¹⁴Children's Mercy Hospital, Kansas City, MO, USA. ¹⁵Emory University School of Medicine, Atlanta, GA, USA

12:40PM

69. Expandable Stent Implantation for the Treatment of Aortic Coarctation in Neonates and Infants

João Manica^{1,2,3}, Sofia Guerra⁴, Eduarda Tyska⁴, Carlo Pilla³, João Rossi¹, Raul Rossi¹

¹Instituto de Cardiologia - Fundação Universitária de Cardiologia, Porto Alegre, Brazil. ²Hospital Moinhos de Vento, Porto Alegre, Brazil. ³Irmandade Santa Casa de Porto Alegre, Porto Alegre, Brazil. ⁴Universidade do Vale do Rio dos Sinos, Porto Alegre, Brazil

Oral Abstract Presentations

Sunday, 8/30/26

10:55AM - 12:50PM

Room 2: Moderators: *Larry Latson, Regina Bokenkamp,
Sir Shakeel Qureshi*

Marriott Ballrooms 3&4 – 2nd Floor Lobby Level

10:55AM

11. Real-time Relative Lung Perfusion: Utility and Validity of Fluoroscopic Flow Calculator (FFC) in Patients with Bidirectional Cavo Pulmonary Connection (BCPC)

Mohammad Abed, Bhavikkumar D. Langaneca, Lee N. Benson, Israel Valverde
Labatt Family Heart Center, Division of Cardiology, The Hospital for Sick Children, Toronto, Canada

11:02AM

80. One-Year Clinical Outcomes of Transcatheter Pulmonic Valve Replacement with the SAPIEN 3 THV System: Results from the COMPASSION S3 Post-Approval Study

Gregory Fleming¹, Jenny Zablah², Nicola Maschietto³, Alexander Javois⁴, Thomas Zellers⁵, Michael Hainstock⁶, Matthew Gillespie⁷, Victor Cheng⁸, D. Byron Holt⁹, Mark A. Law¹⁰, Robert Gray¹¹, Shabana Shahanavaz¹², Alejandro Torres¹³, Arash Salavitarbar¹⁴, Jacqueline Kreutzer¹⁵, Marc Cohen¹⁶, David Balzer¹⁷, Inyoung Jun¹⁸, Girish Shirali¹⁹, Barry Love²⁰

¹Duke University Medical Center, Durham, USA. ²Children's Hospital Colorado, Aurora, USA.

³Boston Children's Hospital, Boston, USA. ⁴Advocate Children's Hospital, Oak Lawn, USA.

⁵Children's Health Dallas, Dallas, USA. ⁶University of Virginia, Charlottesville, USA.

⁷Children's Hospital of Philadelphia, Philadelphia, USA. ⁸Minneapolis Heart Institute Foundation, Minneapolis, USA. ⁹Dell Children's Medical Center, Austin, USA. ¹⁰University of Alabama at Birmingham, Birmingham, USA. ¹¹University of Utah at Primary Children's Hospital, Salt Lake City, USA. ¹²Cincinnati Children's Hospital, Cincinnati, USA. ¹³Columbia University Irving Medical Center, New York, USA. ¹⁴Nationwide Children's Hospital, Columbus, USA. ¹⁵UPMC Children's Hospital of Pittsburgh, Pittsburgh, USA. ¹⁶Newark Beth Israel Medical Center, Newark, USA. ¹⁷Washington University, St. Louis, USA. ¹⁸Edwards Lifesciences, Irvine, USA. ¹⁹Children's Mercy Hospital, Kansas City, USA. ²⁰Mount Sinai Hospital, New York, USA

11:09AM

86. Equity and Validity of CHARM-II Risk Adjustment Across Socioeconomic Context in Congenital and Cardiac Catheterization

Haninah Forrest¹, Kimberlee Gauvreau¹, Sara Trucco², Oliver Barry^{3,4}, Todd Gudausky⁵, Wendy Whiteside⁶, Michael O'Byrne⁷, Brian Quinn¹

¹Boston Children's Hospital, Boston, MA, USA. ²UPMC Children's Hospital of Pittsburgh, Pittsburgh, PA, USA. ³New York-Presbyterian / Weill Cornell Medical Center, New York, NY, USA. ⁴New York-Presbyterian / Columbia University Irving Medical Center, New York, NY, USA. ⁵Children's Wisconsin, Milwaukee, WI, USA. ⁶C.S. Mott Children's Hospital, Ann Arbor, MI, USA. ⁷Children's Hospital of Philadelphia, Philadelphia, PA, USA

11:16AM

87. Use of a CRISP-Adjusted Variable Life-Adjusted Display (VLAD) for Continuous Performance Monitoring in a High-Volume Quaternary Congenital Cardiac Catheterization Program

Matheus Henrique de Freitas Moreira¹, Santiago Raul Arrieta¹, Germana Cerqueira Coimbra¹, Alexandre Antonio da Cunha Abizaid¹, Mario Henrique Hattori¹, Pedro Paulo Macarini Goncalves Vieira¹, Magno Felipe¹, Livia Caroline Barbosa Almeida²

¹Instituto do Coração do Hospital das Clínicas da Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil. ²Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil

11:23AM

98. Midterm Outcomes of Harmony Transcatheter Pulmonary Valve Replacement: Results from a Multicenter Registry

Bryan Goldstein¹, Doff McElhinney², Matthew Gillespie³, Jamil Aboulhosn⁴, Daniel Levi⁴, Brian Morray⁵, Zachary Steinberg⁶, Joanna Ghobrial⁷, Patcharapong Suntharos⁷, Allison Cabalka⁸, Nicola Maschietto⁹, Barry Love¹⁰, Jeffrey Zampi¹¹, Gregory Fleming¹², David Balzer¹³, Dominic Zanaboni¹³, Dhaval Patel¹⁴, Mark Law¹⁵, Lauren Carlozzi¹, Mary Schiff¹, Arvind Hoskoppal¹, Athar Qureshi¹⁶

¹UPMC Children's Hospital of Pittsburgh, Pittsburgh, USA. ²Stanford University, Palo Alto, USA. ³Children's Hospital of Philadelphia, Philadelphia, USA. ⁴UCLA, Los Angeles, USA. ⁵Seattle Children's Hospital, Seattle, USA. ⁶University of Washington, Seattle, USA. ⁷Cleveland Clinic Foundation, Cleveland, USA. ⁸Mayo Clinic, Rochester, USA. ⁹Boston Children's Hospital, Boston, USA. ¹⁰Mt. Sinai, New York, USA. ¹¹University of Michigan, Ann Arbor, USA. ¹²Duke University, Durham, USA. ¹³Washington University St. Louis, St. Louis, USA. ¹⁴Hope Advocate Chicago, Chicago, USA. ¹⁵UAB, Birmingham, USA. ¹⁶Texas Children's Hospital, Houston, USA

11:30AM

100. Five-Year Outcomes Following Harmony Transcatheter Pulmonary Valve Replacement

Matthew J. Gillespie¹, Arash Salavitarab², John P. Cheatham³, Lynn Peng⁴, Brian H. Morray⁵, Thomas K. Jones⁵, Daniel S. Levi⁶, Allison K. Cabalka⁷, Robert G. Gray⁸, Jeremy Asnes⁹, Kazuto Fujimoto¹⁰, Athar M. Qureshi¹¹, Lee N. Benson¹², Daniel Haugan¹³, Doff B. McElhinney¹⁴

¹Division of Cardiology, Children's Hospital of Philadelphia, Philadelphia, USA. ²Nationwide Children's Hospital, Columbus, USA. ³Pediatrics and Cardiology, The Ohio State University, Columbus, USA. ⁴Department of Pediatrics, Stanford University, Lucile Packard Children's Hospital, Palo Alto, USA. ⁵Division of Pediatric Cardiology; Seattle Children's Hospital, Seattle, USA. ⁶Department of Interventional Pediatric Cardiology, David Geffen School of Medicine at UCLA, Ahmanson/UCLA Adult Congenital Heart Disease Center, Los Angeles, USA. ⁷Department of Cardiovascular Medicine, Mayo Clinic, Rochester, USA. ⁸Division of Pediatric Cardiology, University of Utah at Primary Children's Hospital, Salt Lake City, USA. ⁹Section of Pediatric Cardiology, Yale University, New Haven, USA. ¹⁰National Cerebral and Cardiovascular Center, Osaka, Japan. ¹¹Section of Cardiology, Texas Children's Hospital, Houston, USA. ¹²Labatt Family Heart Center, Hospital for Sick Children, Toronto, Canada.

¹³Medtronic, Minneapolis, USA. ¹⁴Department of Cardiothoracic Surgery, Stanford University Medical Center, Stanford, USA

11:37AM

101. Development and Institution of a Tiered High-Risk Protocol to Reduce Failure to Rescue in a Pediatric and Congenital Cardiac Catheterization Laboratory

Mollie Mullaney¹, Jessica Thai¹, Stephanie Stafford¹, Karen Carr², Elena Amin¹

¹UCSF Benioff Children's Hospital, San Francisco, USA. ²University of Arizona Phoenix Children's Hospital, Phoenix, USA

11:44AM

104. Early U.S. Real-World Experience with the Occlutech ASD Occluder: Interim Results from the CRISP Registry Surveillance Module

Daisuke Kobayashi¹, Dominic Zanaboni¹, Daniel Duarte², Ryan Leahy³, Gurumurthy Hiremath⁴, Michael Shorofsky⁵, David Nykanen⁶, Ernesto Mejia⁷, Alan Nugent⁸, Reid Chamberlain⁹, Catherine Tomasulo¹⁰, Thomas Forbes¹¹

¹St. Louis Children's Hospital, St. Louis, USA. ²Nicklaus Children's Hospital, Miami, USA.

³Children's Hospital Colorado, Aurora, USA. ⁴University of Minnesota Masonic Children's Hospital, Minneapolis, USA. ⁵University of Virginia Health, Charlottesville, USA. ⁶Arnold Palmer Hospital for Children, Orlando, USA. ⁷Children's Hospital New Orleans, New Orleans, USA. ⁸Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, USA. ⁹Duke University Hospital, Durham, USA. ¹⁰Inova Children's Hospital, Falls Church, USA. ¹¹Joe DiMaggio Children's Hospital, Hollywood, USA

11:51AM

107. Analysis of UNOS: Pediatric Heart Transplant Waitlist Outcomes Following Mechanical Circulatory Support in Congenital Heart Disease

Joseph Policarpio^{1,2}, Ahmet Bilgili¹, Mark Bleiweis¹, Michael Shillingford¹, Giles Peek¹, Jeffrey Jacobs¹

¹Congenital Heart Center, University of Florida, Gainesville, USA. ²Florida Atlantic University, Boca Raton, USA

11:58AM

108. Intentional Stent Fracture in Congenital Heart Disease: The Utility of Prestenting

Danica Peterson¹, Marjan Hesari², Jose Silva Sepulveda¹, Howaida El-Said¹

¹Rady Children's Hospital, San Diego, USA. ²University of California, San Diego, San Diego, USA

12:05PM

112. First-in-Human Post-Market Evaluation of the Amplatzer Piccolo™ Delivery System (piccolo guide catheter) for Transcatheter PDA Closure in Neonates and Low-Birthweight Infants.

Gareth Morgan¹, Dhaval Patel², Stephen Nageotte³, Shyam Sathanandam⁴, Darren Berman⁵

¹University of Colorado, Denver, USA. ²Advocate Christ, Chicago, USA. ³Cedars Sinai, LA, USA. ⁴Miami Children's Hospital, Miami, USA. ⁵CHLA, LA, USA

12:12PM

54. Contralateral Arterial and Venous Vascular Access may Reduce Risk of Femoral Artery Occlusion in Patients Weighing Less than 10 kg Undergoing Cardiac Catheterization

Benjamin Blais¹, Julia Gamache², Carly Wilson¹, Todd Casey¹, Austin Newsome¹, Kim Lohnes¹, Aimee Armstrong¹, Arash Salavitarab¹

¹Nationwide Children's Hospital, Columbus, USA. ²Ohio State University College of Medicine, Columbus, USA

12:19PM

119. Procedural and Medium-Term Outcomes of Percutaneous Implantation of Intrastent Mega LD & Max LD in Pediatric and Adult Patients with Coarctation of The Aorta.

Benjamin Blais¹, Steven Scaglione¹, Veronica Armstrong¹, Carly Wilson¹, Chris Striker¹, Kim Lohnes¹, Isaac Kistler¹, Aimee Armstrong^{1,2}, Arash Salavitarab¹

¹Nationwide Children's Hospital, Columbus, USA. ²John's Hopkins Hospital, Baltimore, USA

12:26PM

128. Towards Precision TPVR: Patient-Specific Finite Element Simulation of Transcatheter Pulmonary Valve Deployment

Junyi Wan, Wenhao Zhu, Gejun Zhang
Fuwai Hospital, Beijing, China

12:33PM

78. Transcatheter Fontan Completion In Patients Without Surgical Reparation- Outcomes From The World's Largest Reported Cohorts

C S Muthukumaran, Ganesan Rajaguru

Department of Pediatric Cardiology, Apollo Children's Hospital, Chennai, India

Oral Abstract Presentations

Sunday, 8/30/26

10:55AM - 12:50PM

Room 3: Moderators: *Marc Gewillig, Sophi-Guiti Milani,
Athar Qureshi*

Marriott Ballrooms 1&2 – 2nd Floor Lobby Level

10:55AM

131. Testing of the Lumina Total Caval Pulmonary Connection Transcatheter System in a GLP Animal Model

Evan Zahn¹, Darren Berman², Jason Provol³, Eason Abbott³, Morey Marshall³

¹Renata Medical, Los Angeles Newport Beach, USA. ²CHLA, Los Angeles, USA. ³Renata Medical, Newport Beach, USA

11:02AM

142. Mid-Term Outcomes After Pulsta Valve Implantation: Procedural Insights and Multimodality Imaging Follow-Up

Katarzyna Gendera, Pinar Bambul Heck, Christian Meierhofer, Andreas Eicken, Peter Ewert, Kerstin Wustmann, Nicole Nagdyman, Zelal Yalinkaya

Department of Congenital Heart Defects and Pediatric Cardiology, German Heart Center, TUM University Hospital, Technical University of Munich, Munich, Germany

11:09AM

143. Microconductance Catheter Use for Research Purposes in Congenital Heart Disease: Methods and Safety

Shahryar Chowdhury

Medical University of South Carolina, Charleston, USA

11:16AM

146. Novel Size-Adjustable Pediatric Pulmonary Valve: 6-Month Outcomes in the First 50 Patients

Oliver Barry¹, Matthew Gillespie², Stephanie Fuller², Aimee Armstrong³, Mark Galantowicz³, Darren Berman⁴, Luke Wiggins⁴, Diego Porras⁵, Christopher Baird⁵, Gareth Morgan⁶, James Jagers⁶, Jeffrey Zampi⁷, Jennifer Romano⁷, Gregory Fleming⁸, Joseph Turek⁸, Brian Morray⁹, Christina Greene⁹, Dennis Kim¹⁰, Paul Chai¹⁰, Alan Nugent¹¹, David Winlaw¹¹, Mary Hunt Martin¹², Adil Husain¹², Emile Bacha¹

¹Columbia University Medical Center, New York, USA. ²Children's Hospital of Philadelphia, Philadelphia, USA. ³Nationwide Children's Hospital, Columbus, USA. ⁴Children's Hospital Los Angeles, Los Angeles, USA. ⁵Boston Children's Hospital, Boston, USA. ⁶Children's Hospital Colorado, Aurora, USA. ⁷C.S. Mott Children's Hospital, Ann Arbor, USA. ⁸Duke Children's Hospital, Durham, USA. ⁹Seattle Children's Hospital, Seattle, USA. ¹⁰Children's Healthcare of Atlanta, Atlanta, USA. ¹¹Lurie Children's Hospital, Chicago, USA. ¹²Primary Children's Hospital, Salt Lake City, USA

11:23AM

149. Venus P Valve: Outcomes Beyond 5 Years

Reem Rashed^{1,2}, Matthew Jones², Sophia Yong², Eric Rosenthal², Worakan Promphan³, Pimpak Prachasilchai³, Shakeel Qureshi²

¹Tanta University, Tanta, Egypt. ²Evelina London Children's Hospital, London, United Kingdom. ³Queen SiriKit Hospital, Bangkok, Thailand

11:30AM

133. Pre-Procedural Transcatheter Pulmonary Valve Analysis using Virtual 3-Dimensional Modeling

Jonathan Pacella, Sassan Hashemi, Sarosh Batlivala, Amr Matoq, Shabana Shahanavaz
Cincinnati Children's Hospital Heart Institute, Cincinnati, USA

11:37AM

156. Mid-Term Assessment of the Bioresorbable reSept ASD Occluder in the ASCENT ASD Clinical Trial

Michael Hainstock¹, Brian Morray², Larry Latson³, John Rhodes⁴, Thomas Forbes⁵

¹University of Virginia, Charlottesville, USA. ²Seattle Children's Hospital, Seattle, USA. ³None, Hollywood, USA. ⁴Medical University of South Carolina, Charleston, USA. ⁵Joe DiMaggio Children's Hospital, Hollywood, USA

11:44AM

158. A Cost-Effective Alternative for Large Native Right Ventricular Outflow Tract: Percutaneous Balloon-Expandable Valve Implantation Using 30.5 and 32 mm Myval™ Without Pre-stenting

Ahmet Çelebi, Murat Sürücü, İbrahim Halil Demir, Hüseyin Karadag, Emine Hekim Yılmaz, Rukiye İrem Yekeler

Dr. Siyami Ersek Thoracic and Cardiovascular Surgery Training and Research Hospital, İstanbul, Turkey

11:51AM

167. Image Quality of Standard Versus Portable Fluoroscopy Systems for Transcatheter Closure of Patent Ductus Arteriosus in Premature Infants

Tandy Tiramai, Jianli Niu, Melanie Holtrup, Brian Boe, Thomas Forbes, Kak-chen Chan, Larry Latson, Peter Guyon

Joe DiMaggio Children's Hospital, Hollywood, USA

11:58AM

168. Midterm Results and Re-Dilation Characteristics of the Minima Stent in the Treatment of Coarctation and Pulmonary Artery Stenosis

Brian Morray¹, Patrick Sullivan², Shyam Sathanandam³, Shabana Shahanavaz⁴, Arash Salavitar⁵, Aimee Armstrong⁶, Diego Porras⁷, Evan Zahn⁸, Darren Berman²

¹Seattle Children's Hospital, Seattle, USA. ²Children's Hospital Los Angeles, Los Angeles, USA.

³Nicklaus Children's Hospital, Miami, USA. ⁴Cincinnati Children's Hospital, Cincinnati, USA.

⁵Nationwide Children's Hospital, Columbus, USA. ⁶Johns' Hopkins University, Baltimore, USA.

⁷Boston Children's Hospital, Boston, USA. ⁸Renata Medical, Newport Beach, USA

12:05PM

169. Short- and Mid-term Outcomes of Self-Expanding Transcatheter Pulmonary Valves: A Report from the SERVE Registry

Aimee Armstrong¹, Goldstein Bryan², Jamil Aboulhosn³, David Balzer⁴, Oliver Barry⁵, Darren Berman⁶, Brian Boe⁷, Martin Bocks⁸, Allison Cabalka⁹, Juan Samayoa Escobar¹⁰, Hannah Frait¹, Joshua Kanter¹¹, Britton Keeshan¹², Luke Lamers¹³, R. Allen Ligon¹⁴, Nicola Maschietto¹⁵, William McMahon¹⁶, Stephen Nageotte¹⁷, Athar Qureshi¹⁸, Arash Salavitarab¹⁹, Shabana Shahanavaz²⁰, Ada Stefanescu Schmidt²¹, Patcharapong Suntharos²², Wendy Whiteside²³, Jenny Zablah²⁴, Jeffrey Zampi²³, Thomas Zellers²⁵, Veronica Armstrong²⁶, Julie Eazer²⁷, Victoria Shay¹⁹, Chance Alvarado¹⁹, V. Vivian Dimas²⁸

¹Johns Hopkins University, Baltimore, USA. ²UPMC Children's Hospital, Pittsburgh, USA.

³UCLA, Los Angeles, USA. ⁴Washington University, St. Louis, USA. ⁵Columbia University,

New York City, USA. ⁶Children's Hospital of Los Angeles, Los Angeles, USA. ⁷Joe DiMaggio

Children's Hospital, Hollywood, USA. ⁸University Hospitals Rainbow Babies and Children's

Hospital, Cleveland, USA. ⁹Mayo Clinic College of Medicine, Rochester, USA. ¹⁰University of

Minnesota, Minneapolis, USA. ¹¹Children's National Hospital, Washington DC, USA. ¹²Yale

New Haven Children's Hospital, New Haven, USA. ¹³American Family Children's Hospital,

University of Wisconsin, Madison, USA. ¹⁴Children's Healthcare of Atlanta, Atlanta, USA.

¹⁵Boston Children's Hospital, Boston, USA. ¹⁶University of Alabama, Birmingham, USA.

¹⁷Cedars Sinai Medical Center, Los Angeles, USA. ¹⁸Texas Children's Hospital, Houston, USA.

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Center, Cincinnati, USA. ²¹Massachusetts General Hospital, Boston, USA. ²²Cleveland Clinic

Children's, Cleveland, USA. ²³University of Michigan C.S. Mott Children's Hospital, Ann Arbor,

USA. ²⁴Children's Hospital Colorado, Aurora, USA. ²⁵UT Southwestern Medical School, Dallas,

USA. ²⁶University of Georgia, Athens, USA. ²⁷University of South Florida, Tampa, USA.

²⁸Medical City Children's Hospital, Dallas, USA

12:12PM

173. Initial Commercial Experience with Renata Medical's Minima Stent: The 1st 200 Implants

Darren Berman¹, Patrick Sullivan¹, James Thompson², Shyam Sathanandam³, Dali Alarian⁴, Nicole Berndsen⁴, Evan Zahn⁴, Michael Angtuaco⁵

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St. Petersburg, USA. ³Nicklaus Children's Hospital, Miami, USA. ⁴Renata Medical, Newport

Beach, USA. ⁵Arkansas Children's Hospital, Little Rock, USA

12:19PM

176. IMPACT Registry Version 3.0: Applying Implementation Science Principles to Registry Redesign in Pediatric and Adult Congenital Interventional Cardiology

Joanna Ghobrial¹, Ada Stefanescu², Ryan Callahan³, Audrey Marshall⁴, Martin Bocks⁵

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³Children's Hospital of Philadelphia, Philadelphia, USA. ⁴Boston Children's Hospital, Boston,

USA. ⁵UH Rainbow Babies & Children's Hospital, Cleveland, USA

12:26PM

178. Operator Characteristics Impacting Procedural Efficacy And Adverse Events

Ralf Holzer¹, Oliver Barry², Kimberlee Gauvreau³, Todd Gudausky⁴, Michael O'Byrne⁵, Ellaina Reed³, Shabana Shahanavaz⁶, Sara Trucco⁷, Wendy Whiteside⁸, Brian Quinn³

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⁷Pittsburgh Children's, Pittsburgh, USA. ⁸University of Michigan, Ann Arbor, USA

12:33PM

185. Exploring Design Specifications On The Function Of A Novel Pulmonary Flow Resistor

Thomas Doyle¹, George Nicholson¹, Dana Janssen¹, Jay Hope², Arlen Ward³

¹Vanderbilt Medical Center, Nashville, USA. ²Merge Medical, Nashville, USA. ³System Insight Engineering, Centennial, USA

12:40PM

206. Transcatheter Pulmonary Valve Replacement with a Harmony TPV 25 Through a Previously Implanted EVOQUE Transcatheter Tricuspid Valve: Traversing the Sarlacc PitPresentation

Stephen Nageotte, Antoinette Anderson, Michael Gibrael, Prashanth Venkatesh
Cedars-Sinai Medical Center, Los Angeles, USA