

Moderated Poster Abstracts
Thursday, September 5, 2024
7:00-7:30am

Pacific Ballroom Foyer – 1stFloor Ground Level

Moderators:

Group 1: Posters 1-7 Tom Fagan, James Thompson

Group 2: Posters 8-14 Ralf Holzer, Sharon Cheatham

Group 3: Posters 15-20 Athar Qureshi, Jenny Zablah

Group 1:

Poster Board #1

11. Long-term outcomes of transcatheter atrial septal defect closure: a single-center retrospective study

Lalita Honghiranrueng^{1,2}, Supaporn Roymanee³, Kanjarut Wongwaitaweewong⁴, Jirayut Jarutach⁴, Rujira Buntharikpornpun⁴

¹Division of Pediatric Cardiology, Department of Pediatrics, Faculty of Medicine, Prince of Songkla University, Songkhla, Thailand. ²Department of Pediatrics, Queen Sirikit National Institute of Child Health, Bangkok, Thailand. ³Division of Pediatric Cardiology, Department of Pediatrics, Faculty of Medicine, Prince of Songkla University, Songkhla, Thailand. ⁴Division of Pediatric Cardiology, Department of Pediatrics, Prince of Songkla University, Songkhla, Thailand

Poster Board #2

17. Efficacy and safety of catheter closure of atrial septal defects using the Amplatzer versus the Cocoon septal occluder. A retrospective observational multicenter study

Basil (Vasileios) Thanopoulos^{1,2,3,4}, Petros Dardas⁵, Dan Deleanou⁶, George Tsaousis⁷, Evangelos Karanasios², Ninios Ninios⁸, 5 Andreas 5 Andreas Giannopoulos⁹, Athanasios Trikas¹⁰

¹IASO Children's Hospital, Marousi, Greece, Marousi, Greece. ²"Aghia Sophia" Children's Hospital, Athens, Greece. ³Saint Luke Hospital S.A. Thessaloniki, Greece, Thessaloniki, Greece. ⁴Iatriko Medical Center, Athens, Greece. ⁵Saint Luke Hospital S.A., Thessaloniki, Greece. ⁶Institute for Cardiovascular Diseases, C.C. Iliescu, Bucharest, Romania. ⁷IASO Children's Hospital, Marousi, Greece. ⁸Interbalcan Medical Center, Thessaloniki, Greece. ⁹Department of Pediatric Cardiology AHEPA University Hospital, Thessaloniki, Greece. ¹⁰Evangelismos Hospital, Athens, Greece

Poster Board #3

19. RVOT stenting in sick children. Initial results

Mirza Mohd Kamran¹, Shaad Abqari²

¹IPCC, JNMCH, Aligarh, India. ²JNMCH, Aligarh, India

Poster Board #4

25. Safeguarding Recovery: Implementing the Safeguard Device to Reduce Bleeding in Pediatric Post Cardiac Catheterization Care.

Erin Breen, Debbie Machado, Katie Maxwell

The Hospital for Sick Children, Toronto, Canada

Poster Board #5

28. Immediate to mid-term outcome of Percutaneous Pulmonary Valve Implantation Using Venus P-Valve: Single Center Experience.

Noorintan Liana Mohamed Sharif, Younes Boudjemline, Hesham Al-Saloos, Ziyad Hijazi
Sidra Medicine, Doha, Qatar

Poster Board #6

47. IRIS™ Valve: A Novel Growth-Accommodating Transcatheter Pulmonary Valve for very Young Children

Nnaoma Agwu¹, Tanya Burney¹, Ekaterina Perminov¹, Christopher Alcantara², Michael Recto², Arash Kheradvar¹

¹University of California Irvine, Irvine, USA. ²Children's Hospital of Orange County, Orange, USA

Poster Board #7

51. Pediatric patient with a right atrial thrombus, ÕNÕ! Removal of large thrombus using a novel retrieval system.

Kristen Barbieri¹, Wyatt Lindsey², Victoria Kim¹, Alycia Heiner¹, Swati Agarwal¹, Wayne Batchelor¹, Kinjal Parikh¹, Catherine E Tomasulo¹

¹Inova Health System, Fairfax, USA. ²Alabama College of Osteopathic Medicine, Dothan, USA

Group 2:

Poster Board #8

52. Use of an ÕNÕ™ Retrieval Device for Removal of a Covered CP Stent

Michael Shorofsky, Scott Lim
University of Virginia, Charlottesville, USA

Poster Board #9

61. Outcomes of OFF label use of implantable devices and stents in congenital heart disease . A single center experience

Amira Nour, Yasmeen Abdelrazik, Alaa Roushdy, Amr Mansour, Maiy Elsayed
Ain Shams University, Cairo, Egypt

Poster Board #10

62. TRANSCATHETER VSD CLOSURE- CHALLENGING CASES: HOW CAN WE DEAL WITH?

Anh Quoc Dao¹, Cong Bao Phung Tran²

¹University Medical Center HCMC, Hochiminh, Vietnam. ²City Children's Hospital, Hochiminh, Vietnam

Poster Board #11

64. Nurse Led Discharge in Pediatric Cardiac Procedures Post Anesthesia Care Unit

Rebecca Chambers, Jenna Heiden, Kariann Marchetti, Emily Miller, Veronica Zitterman, Leanne Domzalski, Jamie Macclaren, Wendy Whiteside, Jeffrey Zampi
University of Michigan, Ann Arbor, USA

Poster Board #12

67. Percutaneous Device Closure in Ventricular Septal Rupture: A Tertiary Care Center Experience

Saadia Ilyas, Zaland Ahmed Yousafzai
Lady Reading Hospital - MTI, Peshawar, Pakistan

Poster Board #13

70. Standardized Management of Acute Pulmonary Hemorrhage After Percutaneous Pulmonary Vein Intervention

Catalina Vargas-Acevedo, Gareth J. Morgan, Rhynn Soderstorm, Richard Ing, Nicholas Houska, Jenny E. Zablah
Children's Hospital Colorado, Denver, USA

Poster Board #14

76. The comparison of long-term outcomes between transcatheter balloon valvuloplasty and surgical outflow reconstruction in patients with pulmonary atresia with intact ventricular septum

SANGYUN LEE
Ki-Taek, Hong, Korea, Republic of

Group 3:

Poster Board #15

80. Transthoracic echocardiography for guiding transcatheter closure of ruptured sinus of Valsalva

Saurabh Kumar Gupta, Sourabh Agstam, Lamk Kadiyani, Sivasubramanian Ramakrishnan, S S Kothari, Anita Saxena
AIIMS, New Delhi, India

Poster Board #16

83. Systemic Sirolimus Therapy is Associated with Reduced Intervention Frequency in Pediatric Pulmonary Vein Stenosis

Alyssa Kalustian¹, Joseph Hagan¹, Paige Brlecic¹, Ionela Iacobas¹, Rachel Vanderlaan², Joseph Burns¹, Thao Wu¹, Ravi Birla¹, Sharada Gowda¹, Manish Bansal¹, Srinath Gowda¹, Lindsay Eilers¹, Asra Khan¹, Juan Pablo Sandoval-Jones¹, Michiaki Imamura¹, Yishay Orr¹, Christopher Caldarone¹, Athar Qureshi¹
¹Texas Children's Hospital & Baylor College of Medicine, Houston, USA. ²Hospital for Sick Children, Toronto, Canada

Poster Board #17

88. Transcatheter management of Post PA banding Swiss Cheese VSDs

Rajesh Kumar Ramaswamy
MGM HEALTH CARE, CHENNAI, India

Poster Board #18

89. Feasibility of Electric Impedance Tomography in the Assessment of Pulmonary Vein Stenosis for Lung Perfusion and Ventilation Assessment

Jenny E Zablah¹, Catalina Vargas-Acevedo¹, Nilton Barbosa da Rosa Jr.², Omid Rajabi Shishvan³, Gary Saulnier³, Gareth J. Morgan¹, Jennifer L. Mueller²

¹Children's Hospital Colorado, Denver, USA. ²Colorado State University, Fort Collins, USA. ³University at Albany, State University of New York (SUNY), Albany, USA

Poster Board #19

102. Angiographic Classification of Pulmonary Atresia with Intact ventricular septum and its medium term outcome, a Multicenter study.

Mohamed Nasef¹, Abdullah Erdem², Tarek Momenah³, Ziad Hijazi⁴, Damien Kenny⁵, Mazni Al Alwi⁶

¹Prince Sultan Cardiac Center, Riyadh, Saudi Arabia. ²Istanbul Medipol University Hospital, Istanbul, Turkey, Istanbul, Turkey. ³Prince Sultan Cardiac Center, Riyadh, Saudi Arabia, Riyadh, Saudi Arabia. ⁴Sidra Medicine, Doha, Qatar, DOHA, Qatar. ⁵Children Health Ireland, Dublin, Ireland. ⁶Institut Jantung Negara, Kuala Lumpur, Malaysia, Kuala Lumpur, Malaysia

Poster Board #20

103. Significant Practice Variation in Oxygen Consumption Value in Congenital Cardiac Catheterization – Cross Sectional Survey in the United States

Daisuke Kobayashi^{1,2}, Dominic Zanaboni^{1,2}, Andrew Glatz^{1,2}, David Balzer^{1,2}

¹St. Louis Children's Hospital, St. Louis, USA. ²Washington University in St. Louis, St. Louis, USA

Moderated Poster Abstracts

Friday, September 6, 2024

7:00-7:45am

Pacific Ballroom Foyer – 1stFloor Ground Level

Moderators:

Group 1: Posters 1-11 Damien Kenny, Frank Ing

Group 2: Posters 12-22 Bryan Goldstein, Vivian Dimas

Group 3: Posters 23-33 Alan Nugent, Lynn Peng

Group 1:

Poster Board #1

107. TRANSCATHETER COMPLEX ASD CLOSURE IN THE PEDIATRIC AGE GROUP: OUR CLINICAL EXPERIENCE

Nazmi Narin¹, Rasit Aktas², Kaan Yildiz³, Sedef Oksuz³, Muhammed Akif Atlan³, Hakan Dedecengiz³, Tolga Bacak³, Abdullah Ozyurt⁴, Serkan Fazlı Celik⁵, Firat Kardelen⁶, Rahmi Ozdemir¹, Cem Karadeniz¹

¹Katip Celebi University Faculty of Medicine, Izmir, Turkey. ²Health Sciences University Izmir Tepecik Education and Research Hospital, Izmir, Turkey. ³Izmir City Hospital, Izmir, Turkey. ⁴VM Medical Park Mersin, Mersin, Turkey. ⁵Aydin Adnan Menderes University Faculty of Medicine, Aydin, Turkey. ⁶Akdeniz University Faculty of Medicine, Antalya, Turkey

Poster Board #2

108. The Fate of the Jailed Branch: Challenging the Dogma of PDA Stenting in Cases with Pulmonary Artery Branch Originating from PDA

Mercy Ng'eno, Brent Gordon, John Nigro, Howaida El Said, Justin Ryan

University of California, San Diego/Rady Children's Hospital, San Diego, USA

Poster Board #3

109. Renal function following transcatheter PDA device closure in premature infants <2kg

Ann Goggins¹, Amr Matoq², Renelle George¹, Wolfgang Radtke¹

¹Nemours Cardiac Center, Wilmington, USA. ²Cincinnati Children's Hospital, Cincinnati, USA

Poster Board #4

110. Pulmonary Atresia and Intact Ventricular Septum, An Evolving Strategy: Single Center Experience

Kamel Shibbani, John Nigro, Rohit Rao, Brent Gordon, Henri Justino, Howaida El-Said

Rady Children's Hospital, San Diego, USA

Poster Board #5

111. Preliminary data on safety and effectiveness of intravascular lithotripsy for rehabilitation of calcified right ventricle to pulmonary artery conduits

Angela Li, Jamil Aboulhosn

UCLA, Los Angeles, USA

Poster Board #6

112. Transcatheter closure of coronary artery fistula : single center experience

Na Hyun Lee, Su Jin Park, Jae Young Choi

Severance Cardiovascular Hospital, Seoul, Korea, Republic of

Poster Board #7

113. Cardiac Catheterization In the Fontan Patient With Chylothorax

Mark Pilarski, Antonio Chatila, Lourdes Prieto, Daniel Duarte

Nicklaus Children's Hospital, Miami, USA

Poster Board #8

114. Role of Hemodynamics in Predicting Clinical Outcomes in Pediatric Heart Transplant Recipients

Farida Karim, Rejowana Rouf, Kishore Raja Raja, Daniel Peck, Pranava Sinha, Varun Aggarwal

University of Minnesota, Minneapolis, USA

Poster Board #9

116. Transcatheter Main Pulmonary Artery Debanding Angioplasty in Children

Hadeel Allam^{1,2}, Daisuke Kobayashi^{1,2}, David Balzer^{1,2}

¹St. Louis Children's Hospital, St Louis, USA. ²Washington University in St. Louis, St Louis, USA

Poster Board #10

118. Safety and Efficacy of Transcatheter Atrial Septal Defect device closure in patients with Trisomy 21

Niall Linnane¹, Kevin Walsh¹, Damien Kenny^{1,2}

¹Children's Health Ireland at Crumlin, Dublin, Ireland. ²Royal College of Surgeons, Dublin, Ireland

Poster Board #11

119. Outcomes of Transcatheter Intervention for Native or Re-coarctation of Aorta in Adults Post-Fontan Palliation

Rashmi Thapa, Alexander C. Egbe, Donald J. Hagler, Allison K. Cabalka, Nathan W. Taggart, Jason H.

Anderson, Heidi M. Connolly, William R. Miranda

Mayo Clinic, Rochester, USA

Group 2:

Poster Board #12

120. Endovascular Repair of Fontan Conduit Obstruction Utilizing Self-Expanding Aortic Endoprosthetic Grafts

Kaitlyn Krebushevski, Allison K. Cabalka, Donald J. Hagler, Nathan W. Taggart, Frank Cetta, Jason H.

Anderson

Mayo Clinic, Rochester, USA

Poster Board #13

121. A modified technique of connecting stents for sinus venosus ASD closure.

Mayank Sharma, Mohsen Karimi, Thomas Panicucci, Bassel Mohammad Nijres, Osamah Aldoss
University of Iowa Hospitals and Clinics, Iowa City, USA

Poster Board #14

122. Characterizing the Acute Changes in Pulmonary Capillary Wedge Pressure Associated with Transcatheter Pulmonary Valve Replacement

Catalina Vargas-Acevedo, Jenny E. Zablah, Natalie Soszyn, Ernesto Mejia, Joseph Kay, Gareth J. Morgan
Children's Hospital Colorado, Aurora, USA

Poster Board #15

123. Early outcomes of self-expandable valve implantation for dysfunctional right ventricular outflow tracts in a pediatric center – evolving patient qualification and interventional techniques.

Maksym Lazu¹, Judyta Szeliga², Andrzej Rudziński², Jacek Kołcz³, Tomasz Mroczek³, Sebastian Góreczny^{2,4}
¹Department of Paediatric Cardiology, University Children's Hospital, Jagiellonian University Medical College, Krakow, Poland. ²Department of Paediatric Cardiology, University Children's Hospital, Jagiellonian University Medical College, Krakow, Poland. ³Department of Paediatric Cardiac Surgery, University Children's Hospital, Jagiellonian University Medical College, Krakow, Poland. ⁴Department of Cardiology, Polish Mother's Memorial Hospital, Research Institute, Lodz, Poland

Poster Board #16

124. A Multicenter Predictive Model for High Level Resource Need at 24 Hours in Pediatric Patients Undergoing Transcatheter Pulmonary Vein Interventions

Mirjam Keochakian¹, Oliver Barry^{2,3}, Brian Boe⁴, Abhay Divekar^{5,6}, Lindsay Eilers⁷, Susan Foerster⁸, Jonathon Hage⁹, Michae Hainstock¹⁰, Ralf Holzer¹¹, Henri Justino¹², George Nicholson¹³, Michael O'Byrne¹⁴, Toby Rockefeller¹⁵, Arash Salavitarab¹⁶, Patcharapong Suntharos¹⁷, Sara Trucco¹⁸, Jenny Zablah¹⁹, Dominic Zanaboni²⁰, Ryan Callahan¹⁴, Brian Quinn¹
¹Boston Children's Hospital, Boston, USA. ²Columbia University Vagelos College of Physicians and Surgeons, New York City, USA. ³NewYork-Presbyterian Hospital, New York City, USA. ⁴Joe DiMaggio Children's Hospital, Hollywood, USA. ⁵Children's Medical Center of Dallas, Dallas, USA. ⁶UT Southwestern Medical Center, Dallas, USA. ⁷Texas Children's Hospital, Houston, USA. ⁸Children's Wisconsin, Milwaukee, USA. ⁹University of Michigan, Ann Arbor, USA. ¹⁰University of Virginia Health System, Charlottesville, USA. ¹¹UC Davis Children's Hospital, Sacramento, USA. ¹²Rady Children's Hospital - San Diego, San Diego, USA. ¹³Vanderbilt University School of Medicine, Nashville, USA. ¹⁴The Children's Hospital of Philadelphia, Philadelphia, USA. ¹⁵Mercy Children's Hospital, Kansas City, USA. ¹⁶Nationwide Children's Hospital, Columbus, USA. ¹⁷Cleveland Clinic, Cleveland, USA. ¹⁸UPMC Children's Hospital of Pittsburgh, Pittsburgh, USA. ¹⁹Children's Hospital Colorado, Aurora, USA. ²⁰St. Louis Children's Hospital, St. Louis, USA

Poster Board #17

125. Virtual Reality in Planning Interventional, Surgical and Hybrid Treatment for Children with Congenital Heart Defects – Single-Center Experience Based on 120 Cases

Judyta Szeliga¹, Maksym Lazu¹, Karolina Cabaj - Włodarczyk¹, Andrzej Rudziński¹, Łukasz Wyrobek², Jacek Kołcz³, Tomasz Mroczek³, Sebastian Góreczny^{1,4}
¹Department of Paediatric Cardiology, University Children's Hospital, Jagiellonian University Medical College, Kraków, Poland. ²Department of Radiology, University Children's Hospital, Kraków, Poland. ³Department of Paediatric Cardiac Surgery, University Children's Hospital, Jagiellonian University

Medical College, Kraków, Poland. ⁴Department of Cardiology, Polish Mother's Memorial Hospital, Research Institute, Łódź, Poland

Poster Board #18

130. LARGE ATRIAL DEFECT ENDOVASCULAR CLOSURE, FEASIBILITY, SAFETY AND LONG-TERM FOLLOW-UP IN A SINGLE CENTER

Liliana FERRIN^{1,2}, LUCIANA ROLON BESSONE¹, Teresa Escudero¹, Fernando Piccoli¹

¹CORRIENTES CARDIOLOGY INSTITUTE, CORRIENTES, Argentina. ²HIGH COMPLEXITY HOSPITAL, FORMOSA, Argentina

Poster Board #19

132. Outcomes and risk factors of atrial septal interventions

Ralf Holzer¹, Nadeem Aslam², Benjamin Blais³, Martin Bocks⁴, Lindsay Eilers⁵, Susan Foerster⁶, Kimberlee Gauvreau⁷, Daisuke Kobayashi⁸, George Nicholson⁹, Sara Trucco¹⁰, Brian Quinn⁷

¹UC Davis, Sacramento, USA. ²Sindh Institute of Urology and Transplant, Karachi, Pakistan. ³Nationwide children's Hospital, Columbus, USA. ⁴UH Rainbow Babies, Cleveland, USA. ⁵Texas Children's Hospital, Houston, USA. ⁶Children's Wisconsin – Medical College of Wisconsin, Milwaukee, USA. ⁷Boston Children's Hospital, Boston, USA. ⁸St. Louis Children's Hospital, St Louis, USA. ⁹Vanderbilt University Medical Center, Nashville, USA. ¹⁰UPMC Children's Hospital of Pittsburgh, Pittsburgh, USA

Poster Board #20

134. Predictors of length of stay after elective same-day admissions for congenital cardiac catheterizations

Ralf Holzer¹, Brian Quinn², Shawn Batlivala³, Lisa Bergersen², Benjamin Blais⁴, Brian Boe⁵, Lindsay Eilers⁶, Howaida El-Said⁷, Susan Foerster⁸, Kimberlee Gauvreau², Michael Hainstock⁹, Babar Hasan¹⁰, George Nicholson¹¹, Sara Trucco¹², Michael O'Byrne¹³

¹UC Davis, Sacramento, USA. ²Boston Children's Hospital, Boston, USA. ³Cincinnati Children's Hospital Medical Center, Cincinnati, USA. ⁴Nationwide Children's Hospital, Columbus, USA. ⁵Joe DiMaggio Children's Hospital, Hollywood, USA. ⁶Texas Children's Hospital, Houston, USA. ⁷Rady Children's Hospital, San Diego, USA. ⁸Children's Wisconsin – Medical College of Wisconsin, Milwaukee, USA. ⁹UVA Health, Charlottesville, USA. ¹⁰Sindh Institute of Urology and Transplantation, Karachi, USA. ¹¹Vanderbilt University Medical Center, Nashville, USA. ¹²UPMC Children's Hospital of Pittsburgh, Pittsburgh, USA. ¹³Children's Hospital of Philadelphia, Philadelphia, USA

Poster Board #21

135. Ultrasound guided technique for distal perfusion cannula placement following femoral VA ECMO

Hitesh Agrawal, Richard Owens, D. Byron Holt

University of Texas at Austin, Austin, USA

Poster Board #22

136. Redefining Treatment Paradigms: Endovascular Embolization versus Surgical Resection in Congenital Lung Lesions.

Lucio Ortega, Gretchen Floan, Kamel Shibbani, Romeo L. Ignacio III, Abdulhaadi Khan, Brent M. Gordon, Romeo Ignacio, Howaida El-Said

UCSD/ RCHSD, San Diego, USA

Group 3:

Poster Board #23

138. Comparing Transcatheter Pulmonary Valve Geometry at Implantation and Short to Medium-Term Function

Ernesto Mejia, Catalina Vargas-Acevedo, Natalie Soszyn, Jenny E. Zablach, Gareth J. Morgan
Children's Hospital Colorado, Aurora, USA

Poster Board #24

143. Percutaneous closure using both antegrade and retrograde technique represents an effective form of treatment for selected coronary fistulas.

Rajesh Kumar Ramaswamy
MGM HEALTH CARE, CHENNAI, India

Poster Board #25

144. A Novel Technique Using 3D Echocardiography to Generate Virtual Reality Models for Transcatheter Atrial Septal Defect Closure

Jeffrey Shuler, Natalie Soszyn, Gareth Morgan, Jenny Zablach
Children's Hospital Colorado, Aurora, USA

Poster Board #26

147. ECG-Gated MRA vs CTA for Evaluation of the Right Ventricular Outflow Tract prior to Harmony Valve Placement in patients with Chronic Pulmonary Regurgitation

Zsofia Long, Doff McElhinney, Ali Syed, Shiraz Maskatia
Stanford University, Palo Alto, USA

Poster Board #27

148. Electrocautery in Complex Percutaneous Procedures in Children with Congenital Heart Disease

Pedro Paulo Macarini Goncalves Vieira, Malu Carmona da Rosa, Gabriela de Siqueira Barbosa, Ludmila de Oliveira Jaime Sales, Mario Henrique Hattori, Alexandre Antonio da Cunha Abizaid, Germana Cerqueira Coimbra, Santiago Raul Arrieta
Instituto do Coração do Hospital das Clínicas da Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil

Poster Board #28

149. Latin American Experience with the Pulsta TPV Valve in Four Different Post-surgical Anatomies of the RVOT: A Multi-center Experience and Four Years Follow-up.

German Henestrosa¹, Javier Coggiola²
¹Sanatorio Guemes, Buenos Aires, Argentina. ²Santa Fe Children's Hospital, Santa Fe, Argentina

Poster Board #29

150. Ventricular Arrhythmias are Self-Limited Following TPVR with Self-Expanding Stents in the Native Right Ventricular Outflow Tract

Matthew Boucek¹, Nancy Freestone¹, Robert Gray¹, Mary Niu¹, S.Yukiko Asaki¹, Susan Etheridge², Thomas Pilcher¹, Zhining Ou¹, Mary Hunt Martin¹, Dana Boucek¹

¹University of Utah, Salt Lake City, USA. ²Boise St. Luke's, Lucile Packard Standford, Boise, USA

Poster Board #30

154. Using Computational Fluid Dynamics To Guide Design Specifications For A Percutaneous Pulmonary Intravascular Resistor

Thomas Doyle, George Nicholson, Dana Janssen
Vanderbilt Medical Center, Nashville, USA

Poster Board #31

156. Pulmonary Artery Pulsatility, Compliance and Distensibility in Patients with Hypoplastic Left Heart Syndrome

Elisa McCarthy, Zsofia Long, Alisa Arunamata, Jeffrey Feinstein, Lynn Peng
Stanford, Palo Alto, USA

Poster Board #32

158. Two slits good, four slits bad: a bench top model to estimate flow regulation through modified micro vascular plugs

Natalie Soszyn, Sungho Park, Catalina Vargas Acevedo, Ernesto Mejia, Jenny Zablah, Gareth Morgan
Children's Hospital Colorado, Denver, USA

Poster Board #33

161. Comparing transvenous echocardiography guided vs transvenous-transarterial angiography guided patent ductus arteriosus closure in infants – is it time to evolve?

Shyam Harinarayanan^{1,2}, Stephan Wu^{1,2}, Yousef Arar^{1,2}, Thomas Zellers^{1,2}, Surendranath Veeram Reddy^{1,2}, Abhay Divekar^{1,2}

¹UT Southwestern Medical Center, Dallas, USA. ²Dallas Childrens Medical Center, Dallas, USA

Poster Board #34

162. Long-Term Echocardiographic Findings after Transcatheter vs Surgical Bioprosthetic Pulmonary Valve Replacement

Revathy Sampath-Kumar¹, Shamim Khosrowjerdi¹, Birju Desai¹, Julia Yuan¹, Ammar Fayad¹, Howaida El-Said^{1,2}, Ryan Reeves¹, John Nigro^{3,2}, Albert Hsiao³, Erik Echegaray¹, Laith Alshwabkeh¹

¹UC San Diego Health Sulpizio Cardiovascular Institute, La Jolla, USA. ²Rady Children's Hospital San Diego, San Diego, USA. ³UC San Diego Health, La Jolla, USA