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CURRICULUM VITAE

Osamah Aldoss MD

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EDUCATION:

1998 - 2004 MD, Jordan University of Science & Technology, Irbid, Jordan
2004 - 2005 Internship, Princess Basma Hospital Irbid, Irbid, Jordan
2005 - 2006 Residency/Transitional Year, King Hussein Cancer Center Amman, Amman, Jordan
2006 - 2009 Residency, University of Nebraska Medical Center, Omaha, NE
2009 - 2012 Fellowship, University of Minnesota, Minneapolis, MN
2012 - 2013 Interventional Fellowship, University of Colorado Children's Hospital, Aurora, CO

FACULTY APPOINTMENTS:

2013 - 2018 Clinical Assistant Professor, Stead Family Department of Pediatrics, Pediatric Cardiology, University of Iowa, Carver College of Medicine, IA
2014 - 2021 Director, Adult Congenital Heart Disease Program, University of Iowa, Carver College of Medicine, IA
2014 - 2016 Assistant Director, Pediatric Cardiology Fellowship Program, University of Iowa, Carver College of Medicine, IA
2016 - 2024 Director, Pediatric and Adult Congenital Cardiac Catheterization Laboratory, University of Iowa, Carver College of Medicine, IA
2018 - 2023 Clinical Associate Professor, Stead Family Department of Pediatrics, Pediatric Cardiology, University of Iowa, Carver College of Medicine, IA
2021 - 2023 Clinical Associate Professor, Department of Internal Medicine, Division of Cardiology, University of Iowa, Carver College of Medicine, IA
2023 - 2024 Clinical Professor, Stead Family Department of Pediatrics, Division of Pediatric Cardiology, University of Iowa, Carver College of Medicine, IA
2023 - 2024 Clinical Professor, Department of Internal Medicine, Division of Cardiology, University of Iowa, Carver College of Medicine, IA
2024 - Present Professor of Pediatrics and Internal Medicine, Pediatric Cardiology, Medical College of Wisconsin/ Children's Hospital of Wisconsin, WI

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

2009 Amplatzer Septal Occluder, Minneapolis, MN
2013 Melody TPV Peer-to-Peer Training, Medtronic, Minneapolis, MN
2014 ECMO course, University of Iowa, IA
2016 Edwards Lifesciences Transcatheter Heart Valve Pulmonic Training, Costa Mesa, CA
2021 Harmony TPV Peer-to-Peer Training, Medtronic, Iowa City, IA
2022 Alttera Edwards Lifesciences, Virtual Training

SPECIALTY BOARDS AND CERTIFICATION:

Certificates	Issued By	Issue Date	Expiration
MBBS		2004	None
ECFMG		2005	None
General Pediatrics	American Board of Pediatrics	2009	None
Pediatric Cardiology	American Board of Pediatrics	2012	None
Adult Congenital Heart	American Board of Internal Medicine	2015	None
ACLS	American Heart Association	2023	None
PALS	American Heart Association	2023	None
Basic Life Support/ BLS	American Heart Association	2023	None

Licensure	Number	Issue Date	Expiration
WI Medical License	84600-20	08/30/2024	10/31/2025
IA Medical License	41078		06/01/2025

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

2012 - 2024 Pediatric Interventional Cardiology Early Career Society (PICES)
2012 - 2024 Society for Cardiovascular Angiography and Interventions (SCAI)
2016 - 2024 Institutional Principal Investigator, American College of Cardiology NCDR IMPACT Registry
2016 - 2024 Adult Congenital Heart Association (ACHA)
2021 - 2024 Member at the Society for Pediatric Research (SPR)
2021 - 2024 Founding Fellow at The Pediatric and Congenital Interventional Cardiovascular Society (PICS)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review
Congenital Heart Disease Journal
The Journal of Structural Heart Disease
Cardiology in the Young Journal
Journal of Interventional Cardiology
Catheterization and Cardiovascular Intervention Journal
Journal of American Heart Association
Journal of Clinical Imaging Science

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Pending

Non-Peer Review

Title: Systems and Methods Utilizing Expandable Transcatheter Valve
Source: IOWA.P0116US.P1
Dates: 08/16/2015 - Present

Prior

Non-Peer Review

Title: Long term Outcomes after Interventions for Congenital Heart Disease
Source: Emory University/NIH

PI:	Aldoss, Osamah
Dates:	2020 - Present
Direct Funds:	$92,973
Title:	Single Stent for Stage/Palliation: Pilot Piglet Study
Source:	University of Iowa Stead Family Children's Hospital and the Stead Family Department of Pediatrics Research Grant Program
Role & Effort:	Co-Researcher
Dates:	07/01/2021 - 06/30/2022
Direct Funds:	$50,000

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

International

Aldoss O, Arain N, Kochilas L, Menk J, Ameduri R, Bryant R, Gruenstein D., Superior vena cava obstruction in pediatric heart transplant recipients, International Society for Heart and Lung Transplantation ISHLT, 2011

Porayette P, Aldoss O, Knoedel D, Lancial C, Maldonado J, Santillan D, Gray G, Lewis E., Association between placental human chorionic gonadotropin and fetal brain development in presence of maternal or fetal congenital heart disease., 30th Annual International Symposium on ACHD, 2020

Porayette P, Aldoss O, Knoedel D, Lancial C, Maldonado J, Santillan D, Gray G, Lewis E., Association between placental human chorionic gonadotropin and fetal brain development in presence of maternal or fetal. congenital heart disease., 30th Annual International Symposium on ACHD, 2020

Steffen J, Garton S, Ashwath R, Maldonado J, Young K, Lancial C, Aldoss O, Porayette P., Exercise capacity correlates with thoracic skeletal muscle abnormalities in adults with congenital heart disease., 31st International Symposium on ACHD, Toronto, ON, Canada, 10/13/2021 - 10/15/2021

Steffen J, Garton S, Ashwath R, Maldonado J, Young K, Lancial C, Aldoss O, Porayette P., Exercise capacity correlates with thoracic skeletal muscle abnormalities in adults with congenital heart disease., 31st International Symposium on ACHD, Toronto, ON, Canada, 10/13/2021 - 10/15/2021

Aldoss O, Nijres B, Porayette P, Lancial C, Upah J, Ricci M, Surgically placed Sapien S3 valve followed by intraoperative balloon valvuloplasty in 2 patients with multi-valvar disease operation., 32nd Annual International Symposium on ACHD, Cincinnati, OH, 06/08/2022 - 06/11/2022

Nijres B, Bischoff A, McNamara P, Windsor J, Aldoss O,, KA Micro Plug for PDA Closure in Premature Infants Weighing Less Than 1500 Grams., 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, D.C., 08/27/2023 - 09/01/2023

Dalby S, Shibbani K, Mercadante A, Mohammad Nijres B, Reddy S, Aldoss O, Gordon B, El-Said H., Transcatheter patent ductus arteriosus closure in the premature infant: A multicenter retrospective study comparing available devices., 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, D.C., 08/27/2023 - 09/01/2023

Aldoss O, Lessons learned from the Implementation of a Percutaneous PDA Closure Program for Preterm infants in a Neonatal Hemodynamics Center., PICS, Istanbul, 2023

Pierick T, Riley E, Aldoss O, Porayette P, Aspirin Resistance in Children and Adults with Fontan Circulation", 33rd Annual International Symposium on Congenital Heart Disease in the adult, Skamania Lodge, OR, 05/28/2024 - 06/01/2024

National

Hoskoppal A, Sweeney C, Needelman H, Aldoss O, Fletcher S., To insure or not insure: young adults with congenital heart disease., American College of Physicians (ACPT), 2008

Aldoss O, Arain N, Menk J, Kochilas L, Gruenstein D., Superior vena cava stenosis: Endovascular stent vs. balloon angioplasty., Pediatric and Adult Interventional Cardiac Symposium, PICS-AICS, 2011

Aldoss O, Fonseca B, Truong U, Darst J, Fagan T., Diagnostic Utility of 3 Dimensional Rotational Angiography in Pediatric Cardiac Catheterization, Pediatric and Adult Interventional Cardiac Symposium (PICS-AICS), 2013

Aldoss O, Kay J, Kaufholz D, Aman S, Gaines K, Darst J, Fagan T., Rotational Angiography and 3DRA

Road mapping in Transcatheter Pulmonary Valve Placement, Society for Cardiovascular Angiography and Intervention (SCAI), 2013

Aldoss O, Goldstein B, Danon S, Williams D, Whiteside W, Sathanandam S, Gray R, Zampi J., Acute and mid term outcomes of stent implantation for recurrent coarctation of the aorta in young single ventricle patients following the Norwood Procedure: A multi center PICES investigation, PICS Meeting, 2014

Divekar A, Patel S, Aldoss O, Which plane is radiation intensive in biplane systems? Implications for pediatric cardiac catheterization laboratories, PICS Meeting, 2014

Dexter B, Aldoss O, Divekar A., Cardiac Catheterization in the Immediate Postoperative Period: Do results from High Volume Centers apply to the Real World, PICS Meeting, 2014

Aldoss O, Von Bergen N, Bartlett, Law I, Divekar A, Hemodynamic Assessment with Interventional Support should be routine for Primary Electrophysiology Procedures after atrial switch Procedure, 24th Annual Symposium on the Adult with Congenital Heart Disease (ACHD) meeting, 2014

Abu-Hazeem, Kay J, Aldoss O, Fagan T., Novel method to prevent recurrent balloon rupture during dilation of heavily calcified conduits in preparation for transcatheter pulmonary valve replacement, Pediatric and Adult Interventional Cardiac Symposium (PICS-AICS), 2014

Aldoss O, Divekar A, Simple Technique to create Diabolo Stent Configuration- Amplatz Goose Neck Snare, PICS Meeting, 2014

Nellis J, Ng B, Benton Y, Aldoss O, Atkins D, Turek J, Intervention for right ventricular outflow tract obstruction following the arterial switch operation at a single center, Southern Thoracic Surgical Association's Meeting, 2015

Kawasaki Disease in Adults, Medical Associates Clinic, Mercy Hospital, Dubuque, IA, 2016

Whiteside W, Aboulhosn J, Aldoss O, Armstrong A, Blocks M, Gillespie M, Jones T, Meadows J, Turner M, Zellers T, Goldstein B, Acute and midterm outcomes of transcatheter pulmonary valve replacement for treatment of dysfunctional left ventricular outflow tract conduits, Society for Cardiovascular Angiography and Intervention (SCAI), 2016

Randall J, Aldoss O, Law I, Divekar A,, Novel approach to transvenous pacing in the Fontan circulation, PICS-AICS meeting, Miami Beach, 01/16/2017 - 01/19/2017

Heart Failure in Adult Congenital Heart Disease Patient Invited by Heart Failure in the Heartland: Healing Hearts, Changing Lives., 2017

I blew it session, SCAI, 2018

Shahanavaz S, Aldoss O, Carr K, Gordon B, Lange S, Seckeler M, Hiremath G, Seaman C Zablah J, Morgan G, Short and Medium Term Outcomes of Transverse Aortic Arch Stenting: A Multicenter Pediatric Interventional Cardiology Early Career Society (PICES)Study, AHA, 2018

Randall J, Aldoss O, Khan A, Challman M, Hiremath G, Qureshi A, Bansal M, Upper Extremity Access for Congenital Cardiac Catheterization., PICS Meeting, 2018

Transcatheter Interventions in ACHD patients, ACHD local meeting, Iowa, 2018

3-D Imaging Interventions, SCAI, 2018

Shahanavaz S, Aldoss O, Carr K, Gordon B, Lange S, Seckeler M, Hiremath G, Seaman C, Zablah J, Morgan G, Short- and Medium-Term Outcomes of Transverse Aortic Arch Stenting: A Multicenter Pediatric Interventional Cardiology Early Career Society (PICES) Study., AHA, 2018

Randall J, Aldoss O, Khan A, Challman M, Hiremath G, Qureshi A, Bansal M, Upper Extremity Access for Congenital Cardiac Catheterization, PICS Meeting, 2018

Randall J, Bansal M, Aldoss O, Mid Term Outcomes in Patients Undergoing Transcatheter Intervention Early After Congenital Heart Surgery, SCAI meeting, 2018

Randall J, Bansal J, Aldoss O, Midterm Outcomes in Patients Undergoing Transcatheter Intervention Early After Congenital Heart Surgery, SCAI Meeting, 2018

Aldoss O, Carr K, Shahanavaz S, Balzer D, Levi D, Aboulhosn J, Acute and Mid-term Outcomes of Transcatheter Pulmonary Valve Implantation in Patients Older Than 40 Years., PICS/AICS, 2019

Go Fetch! Retrieval of Embolized Device, SCAI, 2019

Challenging case of transcatheter pulmonary valve placement, CSI, 2019

Carr K, Nakamura Y, Ricci M, Aldoss O, Lateral thoracotomy with pulmonary artery modification provides a less invasive hybrid approach for pulmonary valve placement., PICS/AICS, 2019

Aldoss O, Carr K, Shahanavaz S, Balzer D, Levi D, Aboulhosn J, Acute and Midterm Outcomes of Transcatheter Pulmonary Valve Implantation in Patients Older than 40 years., PICS/AICS, 2019

Carr K, Nakamura Y, Ricci M, Aldoss O, Lateral thoracotomy with pulmonary artery modification provides a less invasive hybrid approach for pulmonary valve placement., PICS/AICS, 2019

Lancial C, Garton S, Petersen C, Knoedel D, Aldoss O, Porayette P., Age influences the preferred mode of

communication in adults with congenital heart disease., Midwest Pediatric Cardiology Society Virtual Meeting., 09/18/2020

Lancial C, Garton S, Peterson C, Knoedel D, Aldoss O, Porayette P., Age influences the preferred mode of communication in adults with congenital heart disease., Midwest Pediatric Cardiology Virtual Meeting, 09/18/2020

Sharma A, Lewis E, Gray G, Maldonado J, Knoedel D, Lancial C, Aldoss O, Santillan DA, Porayette P., Association first and second trimester maternal screening biochemistry, ultrasound, and fetal brain growth in presence of fetal or maternal congenital heart disease., American Heart Association Scientific Sessions, Virtual Conference., 11/13/2020 - 11/17/2020

Sharma A, Lewis E, Gray G, Maldonado J, Knoedel D, Lancial C, Aldoss O, Santillan DA, Porayette P., Association between first and second trimester ultrasound, maternal serum biomarkers, and fetal brain and somatic growth in presence of fetal or maternal congenital heart disease., 9th Annual Scientific Sessions of the Cardiac Neurodevelopmental Outcome Collaborative Virtual Conference., 11/18/2020 - 11/20/2020

Abu Anza O, Ochoa L, McLennan D, Law I, Porayette P, Maldonado J, Aldoss O, The Safety and Efficacy of Combined Transcatheter Pulmonary Valve Replacement and Electrophysiology Procedure., SCAI, 2020

Abu Anza O, Ochoa L, McLennan D, Law I, Porayette P, Maldonado J, Aldoss O, The safety and efficacy of combined transcatheter pulmonary valve replacement and electrophysiology procedure, SCAI, 2020

Steffen J, Garton S, Ashwath R, Maldonado J, Young K, Lancial C, Aldoss O, Porayette P., Exercise capacity correlates with thoracic skeletal muscle abnormalities in adults with congenital heart disease., Midwest Pediatric Cardiology Society Annual Meeting, Iowa City, IA, 09/09/2021 - 09/10/2021

Steffen J, Garton S, Ashwath R, Maldonado J, Young K, Lancial C, Aldoss O, Porayette P., Exercise capacity correlates with thoracic skeletal muscle abnormalities in adults with congenital heart disease., Midwest Pediatric Cardiology Society Annual Meeting, Iowa City, Iowa, 09/09/2021 - 09/10/2021

Shibbani K, Nijres B, Bischoff A, Giesinger R, McNamara P, Aldoss O, Feasibility, Safety, and Short-term Outcomes of Transcatheter Patent Ductus Arteriosus Closure in Premature Infants on High Frequency Jet Ventilation., Midwest Pediatric Cardiology Society Annual Meeting, Iowa City, IA, 09/09/2021 - 09/10/2021

Shibbani K, Nijres B, Bischoff A, Giesinger R, McNamara P, Aldoss O, Feasibility, Safety, and Short Term Outcomes of Transcatheter Patent Ductus Arteriosus Closure in Premature Infants on High Frequency Jet Ventilation, Midwest Pediatric Cardiology Society Annual Meeting, Iowa City, IA, 09/09/2021 - 09/10/2021

Shibbani K, Nijres B, Bischoff A, Giesinger R, McNamara P, Aldoss O, Feasibility, Safety, and Short Term Outcomes of Transcatheter Patent Ductus Arteriosus Closure in Premature Infants on High Frequency Jet Ventilation, PICS/ACIS, Las Vegas, NV, 2021

Oral Presentation, Midwest Pediatric Cardiology Society Annual Meeting, 2021

Hassan A, Porayette P, Aldoss O, Coronary sinus ostial atresia with persistent left superior vena cava: perilous lesion after Fontan procedure., ESC, 2021

Shibbani K, Nijres B, Bischoff A, Giesinger R, McNamara P, Aldoss O, Feasibility, Safety, and Short-term Outcomes of Transcatheter Patent Ductus Arteriosus Closure in Premature Infants on High Frequency Jet Ventilation., PICS ACIS, Las Vegas, NV, 2021

My Nightmare Case (winner), PICS AICS, 2021

Romans R, Lu J, Whiteside W, Yu S, Aldoss O, Armstrong A, Balasubramanian S, Boe B, Balzer D, Christensen J, Jones T, Keeshan B, McLennan D, Nicholson G, Patel N, Salavitabar A, Shahanavaz S, Sullivan P, Turner M, Zampi J, Cardiac Magnetic Resonance to Predict Coronary Artery Compression in Patients Undergoing Transcatheter Pulmonary Valve Implantation into Conduits., AHA, 2021

Romans R, Lu J, Whiteside W, Yu S, Aldoss O, Armstrong A, Balasubramanian S, Boe B, Balzer D, Christensen J, JOnes T, Keeshan B, McLennan D, Nicholson G, Patel N, Salavitabar A, Shahanavaz S, Sullivan P, Turner M, Zampi J, Cardiac Magnetic Resonance to Predict Coronary Artery Compression in Patients Undergoing Transcatheter Pulmonary Valve Implantation into Conduits, AHA, 2021

Hassan A, Porayette P, Aldoss O, Coronary Sinus Osital Atresia with Persistent Left Superior Vena Cava: Perilous Lesion After Fontan Procedure, ESC, 2021

Hassan A, Porayette P, Nijres B, Aldoss O, Transcather Pulmonic Valve Replacement In Patients Over The Age Of 70, A Case Series., ACC 71st Annual Scientific Session., Washington DC, USA, 04/02/2022 - 04/04/2022

Hassan A, Porayette P, Nijres B, Aldoss O, Transcatheter Pulmonic Valve Replacement in Patients Over the

Age of 70, A Case Series, ACC 71st Annual Scientific Session, Washington DC, USA, 04/02/2022 - 04/04/2022

Shibbani K, Nijres B, Bischoff A, Giesinger R, McNamara P, Aldoss O, Feasibility, Safety, and Short-term Outcomes of Transcatheter Patent Ductus Arteriosus Closure in Premature Infants on High Frequency Jet Ventilation, Pediatric Academic Society (PAS), Denver, CO, 04/21/2022 - 04/25/2022

Nijres B, Aldoss O, Percutaneous Axillary Artery Access in Children with Congenital Heart Disease., SCAI 2022 Scientific Sessions, Atlanta, GA, 05/2022

Steffen J, Warner T, Ashwath R, Law I, Thattaliyath B, Lancial C, Aldoss O, Porayette P, Cardiovascular Events in Patients with Mitral Annular Disjunction, Mitral Valve Prolapse, and Connective Tissue Disorders, Midwest Pediatric Cardiology Society Annual meeting, Indiana, 2022

Nijres B, Aldoss O, . “Two-String” Technique to Treat Native Coarctation of the Aorta in a Young Child: Novel Approach, PICS AICS, Chicago, IL, 2022

Shibbani K, Nijres B, Aldoss O, The use of Valeo for PDA stenting in duct dependent systemic circulation in small infants., PICS AICS, Chicago, IL, 2022

Khallaf M, Aldoss O, Nijres B, Radiation and Contrast Exposure During Transcatheter Patent Ductus Arteriosus in Premature Infants., PICS AICS, Chicago, IL, 2022

Oster M, Velani R, Claxton J, Kuo K, Aldoss O, Canter C, Gaitonde M, John A, Malikarjun G, McHugh K, Overman D, Raghuveer G, Spector L, Kochilas L, COVID-19 cases, hospitalizations, and vaccination among adults with congenital heart disease., AHA, Chicago, IL, 2022

Nijres B, Aldoss O, Left Atrial Appendage Occlusion in a Toddler Using Hydro Coils., PICS AICS, Chicago, IL, 2022

Shibbani K, Nijres B, Karimi M, Aldoss O, The use of a Hybrid approach during Harmony valve transcatheter pulmonary valve replacement, SCAI, Atlanta, GA, 2022

Nijres B, Aldoss O, Intervening on A Stenotic Pulmonary Vein: A Rare Route., PICS AICS, Chicago, IL, 2022

Nijres B, Aldoss O, Patent Ductus Arteriosus to Facilitate Arch Stent Placement., PICS AICS, Chicago, IL, 2022

Nijres B, Aldoss O, Partial Congenital Portosystemic Shunt Occlusion., PICS AICS, Chicago, IL, 2022

Nijres B, Aldoss O, Absorbable Gelatin Sponge to Close a Large Transhepatic Tract: Tips for success, PICS AICS, Chicago, IL, 2022

Nijres B, Aldoss O, “Two-String” Technique to Treat Native Coarctation of the Aorta in a Young Child: Novel Approach, PICS AICS, Chicago, IL, 2022

Nijres B, Aldoss O, Simultaneous Three Balloon Angioplasty: A Technique to Maintain Pulmonary Vein Segmental Branch Patency., PICS AICS, Chicago, IL, 2022

Shibbani K, Nijres B, Porayette P, Karimi M, Ricci M, Aldoss O, Surgically placed Sapien S3 valve followed by intraoperative balloon valvuloplasty in 2 patients with multi-valvar disease operation., PICS AICS, Chicago, IL, 2022

Nijres B, Aldoss O, Can Echocardiogram Predict Ductus Arteriosus Angiogram Measurements in Premature Infants?, PICS AICS, Chicago, IL, 2022

Nijres B, Aldoss O, Intervention through the ECMO and Bypass Tubing: Two Cases., PICS AICS, Chicago, IL, 2022

Case Presentation, Medtronic Congenital Implanter Summit, Nashville, TN, 2022

Shibbani K, Nijres B, Karimi M, Aldoss O, THe use of a hybrid approach during Marmony valve transcatheter pulmonary valve replacement, SCAI, Atlanta, GA, 2022

Issa B, Aldoss O, Nijres B, Aortic Valvuloplasty through the Axillary Artery in Children., PICS AICS, Chicago, IL, 2022

Issa B, Aldoss O, Mohammad Nijres B., Dimensional and 2-Dimensional Angiogram in Patients with Fontan Circulation during Cardiac Catheterization, ACC-Iowa chapter meeting, Iowa, 05/06/2023

Aldoss O, Lessons learned from the Implementation of a Percutaneous PDA Closure Program for Preterm infants in a Neonatal Hemodynamics Center., PAS, Washington, D.C., 2023

Oster M, Yang Y, Flores J, Xiang Y, Schwartz A, Aldoss O, Canter C, Gaitonde M, John A, Hiremath G, McHugh K, Overman D, Raghuveer G, Jacobs J, Knight J, Kochilas L, Marino B, Self Perceptions of health and qulity of life among adults with congenital heart disease by severity: A report from CHD Pulse, ACC, New Orleans, LA, 2023

Issa B, Aldoss O, Nijres B, Comparison of 3-Dimentional and 2-Dimentional Angiogram in Patients with Fontan Circulation During Cardiac Catheterization., SCAI, Phoenix, AZ, 2023

Claxton j, Velani R, Ilardi D, Knight J, Jacobs J, McHugh K, Schwartz A, Anderson S, Kuo K, Aldoss O,

Canter C, Gaitonde M, John A, Hiremath G, Marino B, Overman D, Raghuveer G, Spector L, Fundora M, Kochilas L, Oster M, Social and Educational Outcomes Among Adults with Congenital Heart Disease by Severity: A report from CHD PULSE, ACC, New Orleans, LA, 2023

Oster M, Clazton J, Velani R, Kuo K, Ilardi D, Aldoss O, Canter C, Gaitonde M, John A, Hiremath G, McHugh K, Overman D, Raghuveer G, Jacobs J, Marino B, Spector L, Kochilas L, Outcomes among patients in and out of cardiac care: The congenital heart disease project to understand lifelong survivor experience (CHD Pulse), ACC, New Orleans, LA, 2023

Bilateral Harmony Valve, CSI, 2023

Aldoss O, ASSOCIATION OF DISEASE KNOWLEDGE AND SELF-REPORTED HEALTH OUTCOMES IN ADULTS: A REPORT FROM THE CONGENITAL HEART DISEASE PROJECT TO UNDERSTAND LIFELONG SURVIVOR EXPERIENCE (CHD PULSE)", 73rd Annual Scientific Session of the American College of Cardiology, Atlanta, GA, 04/06/2024 - 04/08/2024

Nijres B, Moeez H, Windsor J, Bischoff A, McNamara P, Aldoss O,, Off-label Use of KA Micro Plug in PDA Closure in Premature Infants Weighing Less than 1500 Grams: Tips for Success, SCAI Scientific Session, Long Beach, CA, 05/02/2024 - 05/04/2024

Sigman A, Pierick T, Riley E, Aldoss O, Porayette P, Aspirin Resistance in Patients with Transcatheter Pulmonary Valve Replacement., ACHD Meeting, Skamania, 2024

Aldoss O, Panicucci T, Nijres B, Karimi M, Rotational angiography 3-D data set to confirm Harmony valve fitness post pulmonary artery application, PICS Meeting, San Diego, CA, 2024

Sharma M, Panicucci T, Nijres B, Karimi M, Aldoss O, Trans-catheter closure of Sinus Venosus Atrial Septal Defect using overlapping stents, PICS Meeting, San Diego, CA, 2024

Panicucci T, Nijres B, Aldoss O, Covered Stent Placement of the Stented Left Pulmonary Artery to Facilitate Transcatheter Pulmonary Valve-in-Valve Implantation in the Setting of Recurrent Balloon rupture., PICS Meeting, San Diego, CA, 2024

Moderator for Life Cases, SCAI, 2024

Lancial C, Garton S, Petersen C, Aldoss O, Porayette P., Age Influences the Preferred Mode of Communication in Adults with Congenital Heart Disease., ACHD Meeting, Skamania, 2024

Kobayashi D, Hiremath G, Javois A, Aldoss O, Leahy R, Chamberlain R, Amin E, Vezmar M, Ebeid M, Sathanandam S, Nykanen D, Forbes T, Significant Reduction in Radiation Dosage in Congenital Cardiac Catheterization Laboratory – CCISC CRISP Registry, Cardiology 2024 Conference, 2024

Aldoss O, Nijres BM, Porayette P, Lancial C., Szabo Technique in Congenital Heart Disease interventions., ACHD Meeting, Skamania, 2024

Local

Sharma A, Lewis E, Gray G, Maldonado J, Knoedel D, Lancial C, Aldoss O, Santillan D, Porayette P., Association first and second trimester maternal screening biochemistry, ultrasound, and fetal brain growth in presence of fetal or maternal congenital heart disease, American Heart Association Scientific Sessions, Virtual, 11/13/2020 - 11/17/2020

Sharma A, Lewis E, Gray G, Maldonado J, Knoedel D, Lancial C, Aldoss O, Santillan DA, Porayette P., Association between first and second trimester ultrasound, maternal serum biomarkers, and fetal brain and somatic growth in presence of fetal or maternal congenital heart disease, 9th Annual Scientific Sessions of the Cardiac Neurodevelopmental Outcome Collaborative Virtual Conference, 11/18/2020 - 11/20/2020

EXTRAMURAL TEACHING:

Resident and Fellow Education

2014 - 2016 University of Iowa, Carver College of Medicine, Focus on Education, Curriculum, and fellows conferences

2014 - 2016 University of Iowa, Carver College of Medicine, Pediatric Cardiology and Intensive Care Fellows Lectures

2014 - 2016 University of Iowa, Carver College of Medicine, Resident Lectures; Congestive heart failure in Pediatrics

2014 - 2016 University of Iowa, Carver College of Medicine, Internal Medicine Residents and Cardiology Fellows Lectures

Nursing Student Education

2014 - 2016 University of Iowa, Carver School of Medicine, Nurse Lectures; Post ACHD catheterization recovery

AREAS OF RESEARCH INTEREST :

Hybrid approach for CHD treatment, The utility of new imaging modalities in interventional pediatric cardiac catheterization, Intracardiac devices, structural interventions in adults with congenital heart disease, transcatheter pulmonary valve replacement

CLINICAL TRIALS:

Primary Investigator 2. Closure of muscular ventricular septal defect using Amplatzer Muscular VSD Occulder-post approval study

Primary Investigator 3. PREEMIE clnical study (Multicenter, Single Arm, Prospective, Non Randomized Study Designed to evaluate the safety and effectiveness of the BLOOM Micro-Occluder System for the treatment of patent Ductus Arteriosus (PDA) in Pre-mature infants)

Primary Investigator 1.Transcatheter placement of Sapien XT valve-post approval study

CURRENT PROJECTS:

Safety and Effectiveness of the KA Micro Plug for Treatment of Patent Ductus Arteriosus in Preterm Low-Birth-Weight Infants: Retrospective Analysis from a Multicenter Registry" to Circulation: Cardiovascular Interventions today

Low hepatic vein saturation is a predictor of poor Fontan physiology outcome

Renal function post transcatheter PDA closure in premature infants

Valeo stent in congenital heart disease

Congenital Heart Disease Project to Understand Lifelong Survivor Experience: CHD PULSE study Reproductive Health Outcomes of Congenital Heart Disease Survivors

A participating center and being the representative for the University of Iowa for the PCCC(Pediatric Cardiac Care Consortium): Multi institutional data base registry for interventions for congenital heart disease. NIH-grant funded

IN PRESS:

The effect of Anti-scatter Grids on Radiation Exposure during Transcatheter Patent Ductus Arteriosus Closure in Premature Infants (Cardiology in the Young).

Valeo stent for hybrid PDA stenting

Rotational angiography 3D data set to confirm Harmony valve fitness post pulmonary artery publication (JSCAI)

CRISP radiation

Covered stent correction for Sinus Venosus Atrial Septal Defects-an emerging alternative to surgical repair: Results of an International Registry (Circulation)

OTHER CONTRIBUTIONS TO INSTITUTIONAL PROGRAMS:

07/2021 - 2021 Accreditation of the Adult Congenital Heart Disease Program (ACHA Accredited Comprehensive Care Center)

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Jantzen DW, Aldoss O, Sanford B, Fletcher SE, Danford DA, Kutty S. Is combined atrial volumetrics by two-dimensional echocardiography a suitable measure for quantitative assessment of the hemodynamic significance of patent ductus arteriosus in neonates and infants? Echocardiograph 2010 Jul; 27(6):696-701.
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