

**EMORY UNIVERSITY SCHOOL OF MEDICINE
STANDARD CURRICULUM VITAE**

Revised: June 7, 2022

1. Name: Michael P. Fundora M.D. FAAP
2. Office Address:
2835 Brandywine Road
Suite 400
Atlanta, GA 30341
Telephone: 404-256-2593
3. E-mail Address: fundoram@kidsheart.com, Michael.Fundora@emory.edu
4. Current Titles and Affiliations:
 - a. Academic Appointments:
 - i. Assistant Professor of Pediatrics, Emory School of Medicine, July 2019
 - ii. Medical Officer, Center for Disease Control, National Center on Birth Defects and Developmental Disabilities, July 2021
 - b. Clinical Appointments:
 - i.
5. Previous Academic and Professional Appointments:
 1. Clinical Instructor, Florida International University College of Medicine, June 2014-2017
 2. Clinical Fellow Anesthesia, Harvard Medical School, June 2017-2019
6. Licensures/Boards:
 1. 2008 - Present Basic Life Support (BLS) for Healthcare Providers
 2. 2008 - Present Advance Cardiac Life Support Provider
 3. 2009 USMLE Step 1
 4. 2010 USMLE Step 2 CK
 5. 2010 USMLE Step 2 CS
 6. 2011 - Present Pediatric Advanced Life Support (PALS) Provider
 7. 2011 - Present Neonatal Resuscitation Provider
 8. 2012 USMLE Step 3
 9. March 7, 2014 Florida Medical License, Full
 10. May 16, 2017 Massachusetts Medical License, Full
 11. February 22, 2019 Georgia Medical License, Full
7. Specialty Boards:
 1. Pediatrics – Certified - October 9, 2014
 2. Pediatric Cardiology – Certified - November 19, 2018
 3. Pediatric Critical Care Medicine – Certified – December 17, 2020

8. Education:

1. 2001 - 2005 Bachelor of Science New York University
2. 2005 - 2006 Post-Baccalaureate University of Miami
3. 2007 - 2011 MD St. George's University School of Medicine

9. Postgraduate Training:

1. 2011-2012 Nicklaus Children's Hospital Miami, FL Pediatrics Beatriz Cunill-DeSautu M.D.
2. 2012-2014 Nicklaus Children's Hospital Miami, FL Pediatrics Beatriz Cunill-DeSautu M.D.
3. 2014-2017 Nicklaus Children's Hospital Miami, FL Pediatric Cardiology Jason C. Katz M.D.
4. 2017-2019 Boston Children's Hospital Boston, MA Pediatric Critical Care Medicine Meredith Vandervelden M.D.

10. Continuing Professional Development Activities:

1. Harvard Catalyst Certificate – Applied Biostatistics 2018 Harvard University

11. Committee Memberships:

a. National and International:

1. Member Finance committee - Pediatric Cardiac Intensive Care Society 2019 – 2020
2. Member Quality Committee - Cardiac Networks United/Pediatric Cardiac Critical Care Consortium 2019 - Present
3. Member Scientific Review Committee - Cardiac Networks United/Pediatric Cardiac Critical Care Consortium 2019 – Present
4. Member PICU-COVID-19 International Collaborative 2020 – 2021
5. Member COVID-19 Multicenter CICU Response Collaborative 2020 – 2021
6. Member Delirium quality improvement working group - Pediatric Cardiac Critical Care Consortium 2020 – Present
7. Member Chylothorax quality improvement working group - Pediatric Cardiac Critical Care Consortium 2020 – Present
8. Member Health Equity quality improvement working group - Pediatric Cardiac Critical Care Consortium 2020 – 2021
9. Member Extubation readiness quality improvement working group - 2020 – 2021

	Pediatric Cardiac Critical Care Consortium	
10. Champion	Human Factors Transforming Healthcare	2021 – Present
11. Member	PCICS Diversity and Inclusion Committee	2021
12. Co-Chair	Finance committee - Pediatric Cardiac Intensive Care Society	2021 – Present
13. Member	Research and Policy committees – Conquering CHD	2021 – Present
14. Member	American Heart Association, Fellows In-Training Subcommittee	2021 – Present
15. Co-Chair	2023 World Congress of Pediatric Cardiology and Cardiac Surgery Finance and Industry Relations Committee	2022 - Present

b. Institutional:

1. Member	Critical Care Medicine Committee - Nicklaus Children's Hospital	2011-2014
2. Member	Community EKG Quality Improvement Committee - Nicklaus Children's Hospital	2014-2017
3. Member	Pediatric Cardiology Didactics Committee - Nicklaus Children's Hospital	2014-2017
4. Member	Pediatric Cardiology Morbidity and Mortality Committee - Nicklaus Children's Hospital	2014-2017
5. Member	MSICU Quality Improvement Committee - Boston Children's Hospital	2017-2019
6. Member	House staff Council on Patient Safety and Quality Improvement - Boston Children's Hospital	2018-2019
7. Physician lead	Surgical site infection task force - CICU QI committee - Children's Healthcare of Atlanta	2019-Present
8. Physician lead	Patient restraints and practice compliance - CICU QI committee - Children's Healthcare of Atlanta	2019-Present
9. Member	Delirium taskforce – CICU QI committee – Children's Healthcare of Atlanta	2019-Present
10. Member	HAI taskforce - CICU QI committee – Children's Healthcare of Atlanta	2019-Present
11. Physician Lead	VerifyNow testing - CICU anticoagulation process improvement – Children's Healthcare of Atlanta	2019-Present
12. CICU	iSTAT committee taskforce – Children's Healthcare of	2019-Present

representative Atlanta

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| 13. Member | Bioethics committee - Children's Healthcare of Atlanta | 2019-Present |
| 14. Fellow interviewer | Cardiology fellowship – Children's Healthcare of Atlanta | 2019-Present |
| 15. Physician Director | Cardiology Journal Club | 2020-Present |
| 16. Co-chair | CICU Research Collaborative | 2020-Present |
| 17. Co-chair | CICU Antimicrobial Stewardship committee | 2020-Present |
| 18. Member | Sibley Diversity Committee | 2020-Present |

12. Peer Review Activities:

a. Grants

i. National and International:

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| 1. Fellowship Grant Review Committee - Grant Reviewer | American Heart Association | 2019 - present |
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b. Manuscripts:

1. Pediatric Critical Care Medicine
2. Cardiology in the Young, Cambridge University Press
3. American Journal of Cardiology
4. Open Pediatrics, <https://www.openpediatrics.org>, Boston, MA

13. Honors and Awards

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| 1. Ramon Rodriguez-Torres, M.D. Pediatric Preventative Medicine Award | 2012 | Miami Children's Hospital |
| 2. MCH Way Employee Recognition Award | 2013 | Miami Children's Hospital |
| 3. Second Place at Hospital Scholarship Day | 2014 | Miami Children's Hospital Research Department |
| 4. First Place Hospital Scholarship Day | 2015 | Miami Children's Hospital Research Department |
| 5. First Place Hospital Scholarship Day | 2016 | Miami Children's Hospital Research Department |
| 6. First Place Hospital Scholarship Day | 2017 | Miami Children's Hospital Research Department |
| 7. Star Recognition: Teamwork | 2018 | Boston Children's Hospital |
| 8. Star Recognition: Communication | 2019 | Boston Children's Hospital |
| 9. Farley Fund Fellowship Award | 2019 | Boston Children's Hospital |
| 10. Citizenship Award | 2020 | Children's Healthcare of Atlanta |

14. Society Memberships:

1. Pediatric Echo Society of South Florida Member 2014-2017
 2. Massachusetts Medical Society Member 2017-2019
 3. Society of Pediatric Critical Care Medicine Member 2017-2019
 4. Pediatric Cardiac Intensive Care Society Member 2012-Present
 5. American Academy of Pediatrics Member 2014-Present
 6. American Medical Association Member 2014-Present
 7. American Heart Association Member 2019-Present
15. Organization of Conferences:
- a. National and International:
 - i. Administrative Positions
1. Corporate Sponsorship Liaison Pediatric Cardiac Intensive Care Society 2020-Present
annual meeting
16. Clinical Service Contributions:
- Created a quality assurance and infection prevention rounding team. This team rounds on patients at high risk for surgical site infection in the Heart Center weekly.
 - Created infection prevention tools and incorporated infection prevention rounds to reduce the rates of CLABSI/CAUTI are incorporated to reduce HAIs and improve care.
 - Co-created the CICU core research group to foster collaboration and support research projects in the cardiac intensive care unit and heart center.
 - CICU co-chair on antimicrobial stewardship committee
17. Community Outreach:
- a. General:
 1. Guatemala Medical Mission, Lake Atitlan, Guatemala 2006
Donations Coordinator
Organized 12 volunteers and medical personnel to Lake Atitlan and coordinated the donation of basic medical supplies, medications and monetary donations.
 2. Peru Medical Mission, Cuzco, Peru 2007
Lead organizer and Donations Coordinator
Independently coordinated a medical mission trip to Cuzco, Peru to deliver medical supplies, money and assistance to the local hospital network for the poor. Assisted in pharmacy organization, and triage at the hospital and clinics.
 3. Legislation Advocate, Tallahassee, Florida 2015
Delegation Representative
Represented Miami Children's Hospital as part of a delegation of physicians from the Children's Medical Services (CMS) approved centers to have the State of

Florida provide finding for pediatric cardiac programs.

4. Amigos for Kids Advocate, Miami Beach, Florida 2016
 Representative
 Represented Miami Children's Hospital Foundation at the annual Amigos for Kids charity event to raise funds for child abuse prevention, education, and outreach.
5. Hearts with Hope Mission, Arequipa, Peru 2020
 Cardiac Intensivist
 Provided cardiac critical care for children with cardiac disease otherwise unable to have cardiac surgery. Taught local residents, fellows, and nurses in how to manage post-operative cardiac patients.
6. St. Thomas More Catholic School Science, Decatur, GA 2021
 Science Fair Judge
 Judged the middle school science fair for 5-8th grade for kids to continue to the regional competition. So much fun!

b. Media Appearances:

1. Two-Minute Tuesday: Pediatric Cardiology Q&A 2014
2. Pediatric Critical Care Medicine, iCritical Care Podcast - Ep 445 October 2021

18. Formal Teaching:

a. Medical Student Teaching:

1. Physiology, Tutor 2008-2009 St. George's University
School of Medicine
weekly for 1 semester
2. Cyanotic Heart Disease 2015 Nicklaus Children's Hospital
1 hour lecture
 Medical Students

b. Graduate Programs:

i. Residency Programs:

1. Acute Demyelinating Encephalomyelitis 2012 Nicklaus Children's Hospital
1 hour lecture
2. Morning Report: Interrupted Aortic Arch 2012 Nicklaus Children's Hospital
45 minute lecture
3. Radiology Rounds 2012 Nicklaus Children's Hospital
1 hour lecture
4. Case presentation: Naegleria Encephalitis 2013 Nicklaus Children's Hospital
1 hour lecture
5. Morning Report: Adolescent Drug Abuse 2014 Nicklaus Children's Hospital
45 minute lecture

6. Basics of Cardiac Anatomy	2015	Nicklaus Children's Hospital 1 hour lecture
7. Airway Management	2017	Boston Children's Hospital 1 hour lecture
8. Ultrasound use and placement of central venous lines	2017	Boston Children's Hospital 1 hour simulation
9. Placement of Internal Jugular line	2017	Boston Children's Hospital 1 hour simulation
10. Placement of a Peripheral arterial line	2018	Boston Children's Hospital 1 hour simulation
11. The Pediatric Electrocardiogram	2018	Boston Children's Hospital 1 hour lecture
12. Hands On: Central Venous Line Placement	2018	Boston Children's Hospital 1 hour hands on session

ii. Fellowship Programs:

1. Malignant Dysrhythmia	2015	Nicklaus Children's Hospital 1 hour lecture
2. Interrupted Aortic Arch	2015	Nicklaus Children's Hospital 1 hour lecture
3. Congenial AV block	2016	Nicklaus Children's Hospital 1 hour lecture
4. Adult EP Topics	2016	Nicklaus Children's Hospital 1 hour lecture
5. The Basics: ASD, VSD, PFO	2016	Nicklaus Children's Hospital 1 hour lecture
6. Endocarditis	2016	Nicklaus Children's Hospital 1 hour lecture
7. Surgery for Single Ventricle Lesions	2016	Nicklaus Children's Hospital 1 hour lecture
8. Lipid Management	2016	Nicklaus Children's Hospital 1 hour lecture
9. Evidence-based Medicine/Improved Outcomes with the Comprehensive Stage 2 Procedure after an Initial Hybrid Stage 1	2016	Nicklaus Children's Hospital 1 hour lecture
10. Evidence-based Medicine/The Management of Hyperglycemia after Pediatric Cardiac Surgery	2016	Nicklaus Children's Hospital 1 hour lecture

11. Single ventricle lesions and physiology	2016	Nicklaus Children's Hospital 2 hour lecture
12. Narrow and Wide Complex Tachycardia	2016	Nicklaus Children's Hospital 2 hour lecture
13. Cellular and Molecular EP	2016	Nicklaus Children's Hospital 1 hour lecture
14. D-TGA	2017	Nicklaus Children's Hospital 1 hour lecture
15. Rheumatic Fever	2017	Nicklaus Children's Hospital 1 hour lecture
16. Kawasaki Disease	2017	Nicklaus Children's Hospital 1 hour lecture
17. Evidence-based Medicine/Hospital Acquired Infection	2017	Nicklaus Children's Hospital 1 hour lecture
18. Evidence-based Medicine/Adaptation and Validation of a pSOFA Score and Evaluation of Sepsis-3 in Critically Ill Children	2018	Boston Children's Hospital 1 hour lecture and discussion
19. Anesthesia and Analgesia in the ICU	2019	Children's Healthcare of Atlanta 1 hour formal lecture
20. Respiratory Physiology and Gas Exchange	2020	Children's Healthcare of Atlanta 1 hour formal lecture
21. Right Sided-Lesions	2020	Children's Healthcare of Atlanta 1 hour formal lecture
22. Total Anomalous Pulmonary Venous Connection	2020	Children's Healthcare of Atlanta 1 hour formal lecture
23. Sedation in the CICU	2020	Children's Healthcare of Atlanta 1 hour formal lecture
24. ICU management of Pediatric Acute Decompensated Heart Failure	2020	Children's Healthcare of Atlanta 1 hour formal lecture
25. Cardiac Hemodynamics	2022	Children's Healthcare of Atlanta 1 hour formal lecture

iii. Other Categories:

1. The Cardiology Knowledge Project	2014 - 2017	Nicklaus Children's Hospital Social media program for global education
2. Cardiac Academy – Nursing education	2020-present	Children's Healthcare of Atlanta Curriculum program for bedside nurses.
3. Research coordinator Cardiac Lesions Education series	2021-present	Children's Healthcare of Atlanta Curriculum for Research coordinators
4. Community NICU education series – Transportation Services	May 2022	Children's Healthcare of Atlanta

19. Supervisory Teaching:

a. Postdoctoral Fellows Directly Supervised:

1. Soham Dasgupta M.D.	2019 – 2020	Cardiology Fellow
2. Mansi Gaitonde M.D.	2019 – 2020	Cardiology Fellow
3. Matt Sorensen M.D.	2019 – 2020	Cardiology Fellow
4. Christin Carroll M.D.	2019 – 2020	Cardiac ICU Fellow
5. Sabikha Alam M.D.	2019 – 2021	Cardiology Fellow
6. Rachel Ayers M.D.	2019 – 2021	Cardiology Fellow
7. Maria Batsis M.D.	2019 – 2021	Cardiology Fellow
8. Lisa Gregorcyk M.D.	2019 – 2021	Cardiology Fellow
9. Rohit Madani M.D.	2019 – 2021	Cardiology Fellow
10. Daniel Ziebell M.D.	2020 – 2022	Cardiology Fellow
11. Jameson Dyal M.D.	2020 – 2022	Cardiology Fellow
12. Jay Patel M.D.	2020 – 2022	Cardiology Fellow
13. Matthew Dove M.D.	2020 – 2022	Cardiology Fellow
14. Andrew Dailey-Schwartz M.D.	2020 – 2022	Cardiology Fellow
15. Michael Mount M.D.	2021 - 2022	Cardiac ICU fellow
16. Vincent Palmieri M.D.	2021 – Present	Cardiology Fellow
17. Trisha Patel M.D.	2021 – Present	Cardiology Fellow
18. Ian Milligan M.D.	2021 – Present	Cardiology Fellow

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| 19. Cole Miller M.D. | 2021 – Present | Cardiology Fellow |
| 20. Anne-Claire Marrone M.D. | 2021 – Present | Cardiology Fellow |

b. Other:

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| 1. Mariana Rodriguez-Duran | EMPACT Mentoring Program – students under-represented in medicine | Emory SOM | 2019-2020 |
| 2. Natalia Kuhn | EMPACT mentoring Program | Emory SOM | 2019-2020 |
| 3. Elizabeth Mensah | EMPACT mentoring Program | Emory SOM | 2019-2020 |
| 4. Christopher Mason Berry | Research mentor – Accuracy of non-invasive blood pressure measurement in obese children | Auburn University | 2020 |
| 5. Jiayi Liu, PhD | Dissertation Committee | Emory University | 2019 - Present |

20. Lectureships, Seminar Invitations, and Visiting Professorships:

a. Institutional:

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| 1. Grand Rounds - Update on Henoch-Schönlein Purpura | Nicklaus Children's Hospital, Miami, FL | August 29, 2011 |
| 2. Nicklaus Children's Hospital Nursing Education – CEU course - The Presentation, Physiology, and Management of Vein of Galen Malformation | Nicklaus Children's Hospital, Miami, FL | July 28, 2016 |
| 3. Boston Children's Hospital – Department of Surgery - Educational Lecture Series - Congenital Cardiac Disease and Post-Operative Considerations | Boston Children's Hospital, Boston, MA | November 7, 2018 |
| 4. Boston Children's Hospital Fellow Research Retreat Seminar - "What I've learned as a new attending" | Boston Children's Hospital, Boston, MA | March 16, 2020 |
| 5. Advanced Nurse Practitioner Program – "Pediatric cardiac physical exam" | Emory University - Nell Hodgson Woodruff School of | September 16, 2020 |

Nursing

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| 6. Professorial Rounds – The Fontan | Children’s Healthcare
of Atlanta | January 10,
2022 |
| 7. Invited Lecture – ICU Management of Heart Failure | Nicklaus Children’s
Hospital, Miami, FL | January 11,
2022 |

21. Invitations to National/International, Regional, and Institutional Conferences:

a. National and International:

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| 1. Anomalous origin of the Right Coronary Artery from the Left Sinus of Valsalva | Conference: Evolution or Revolution? Disruptive Thinking, Technology & Innovation in the Treatment of Pediatric Heart Disease | Miami, FL | December 5, 2015 |
| 2. ICU management of Heart Failure in Pediatrics | VII Congreso de Falla Cardiaca, Transplante Cardiaco e Hipertension Pulmonar de la Sociedad Colombiana de Cardiologia y Cirugia Cardiovascular/ 4 th Heart Failure, Heart Transplant, and Pulmonary Hypertension Congress by the Colombian Society of Cardiology and Cardiovascular Surgery | (virtual)
Colombia,
S.A. | November 20,
2020 |

22. Abstract Presentations at National/International, Regional, and Institutional Conferences:

a. National and International:

1. Lahiri S*, Fundora MP, Nguyen T, Khan D, Sasaki N, Hannan R, Burke RP, Lopez L, Rossi A, Sasaki J. Optimal Surgical Approach in Neonatal Coarctation Repair. (Poster Presentation): February 2016, CHOP 19th Annual Update on Pediatric and Congenital Cardiovascular Disease; Orlando, FL.
2. Patel B*, Fundora MP, Tirota C, Rossi A. Early Extubation of Pediatric Patients after Cardiac Surgery. (Poster Presentation): December 2016, PCICS; Miami, FL
3. Duarte D*, Fundora MP, Katz J, Rossi A. Cardiopulmonary Resuscitation in the Cardiac Intensive Care Unit Revisited. (Poster Presentation): December 2016, PCICS; Miami, FL
4. Fundora MP*, Mathieu D, Mehta NM, Mistry KP. Drivers of Cost in Neonatal Cardiac Intensive Care – A Novel Approach to Identify Inefficiency. (Poster Presentation): December 2018, PCICS; Miami, FL
5. Fundora MP*, Smallwood C, Arnold J, Salvin J. Hemodynamic Effects of Endotracheal

Suctioning in Neonates with Single Ventricle Physiology. (Poster Presentation): February 2019, SCCM; San Diego, CA

6. Fundora MP*, Liu J, Calamaro CJ, Mahle WT, KC D. Staff Scheduling and Workload on Outcomes in the Pediatric Cardiac Intensive Care Unit. (Podium Presentation): November 2020, PC4/PAC3 Conference; Virtual Meeting.
7. Fundora MP*, Liu J, Calamaro CJ, Mahle WT, KC D. Staff Scheduling and Workload on Outcomes in the Pediatric Cardiac Intensive Care Unit. (Poster Presentation): December 2020, PCICS Conference; Virtual Meeting.
8. Beshish A, Fundora MP*, Aronoff E, Rao N, Kelleman M, Shaw F, Maher K, Wolf M. Prevalence and Risk Factors for Extubation Failure Following Cardiac Surgery. (Poster Presentation): December 2020, PCICS Conference; Virtual Meeting.
9. Hupp S, Fundora MP*, Beshish A, Basu M, Maher K. Retrospective Study of High-Flow Nasal Cannula versus Non-invasive Positive Pressure Ventilation to Prevent Extubation Failure in Infants After Cardiac Surgery. (Poster Presentation): December 2020, PCICS Conference; Virtual Meeting.
10. Ball M, Fundora MP*, Dryer R, Basu M, Rao N, Zaki H, Beshish A. The Use and Efficacy of Angiotensin-Converting Enzyme Inhibitors for Treatment of Hypertension After Pediatric Cardiac Surgery. (Poster Presentation): December 2020, PCICS Conference; Virtual Meeting.
11. Farr SL, Downing KF, Fundora M, Oster ME, Rose C. The COVID-19 pandemic affected congenital heart defect-related healthcare differently for children and adults and for publicly and privately insured people. **Pending AHA Conference**

b. Regional:

1. Aregullin EO, Fundora MP*, Rossi A. Risk Factors for Acute Modified Blalock-Taussig Shunt Occlusion in a Tertiary Care Center: The Miami Children's Hospital Experience. (Poster Presentation): 45th Annual Southeast Pediatric Cardiology Society Conference; Atlanta, GA. September, 2012.
2. Berry CM*, Fundora MP, Beshish A, Rao N, Figueroa J, McCracken C, Maher K. The Accuracy of Non-invasive Blood Pressure Measurement in Obese Children. 10th Annual Southeastern Pediatric Research Conference; Atlanta, GA, June, 2020.

23. Research Focus:

My research focus is to investigate outcomes of children with congenital cardiac disease with the goal to improve healthcare delivery for children, families, and healthcare systems.

24. Grant Support:

a. Active Support:

i. Federally Funded:

- a. Co-Investigator, NIH SBIR R41 HD104560-01, Development of a Lighted Infusion Line to Enhance Pediatric Critical Care, Phase 1, \$298,099
- b. Co-Investigator, NSF SBIR/STTR Phase 1 program, 2100995, Development of a Lighted Infusion Line to Enhance Pediatric Critical Care, Phase 1, \$255,957

ii. Institutional

- a. PI, Emory University, Activity Patterns of Caregivers in the Cardiac ICU, \$11,960
- b. Co-PI, Emory School of Medicine I3 Teams Award, Gut Microbiome and its Association with Growth Trajectories in Infants with Congenital Heart Disease, \$75,000
- c. Co-PI, Dudley L. Moore Nursing and Allied Health Research Fund, Measurement of Nursing Workload in Pediatric Cardiac Intensive Care, Pilot, \$30,000

25. Bibliography:

a. Published and Accepted Research Articles (clinical, basic science, other) in refereed journals:

1. **Fundora MP**, Rudnick C, Barbur C. "Spontaneous Upper Extremity Venous Thrombosis In A Collegiate Soccer Player: A Case Report." *Pediatric Emergency Care*. 2016 Jan 1;32(1):25-28.
2. **Fundora MP**, Aregullin EO, Wernovsky G, Welch EM, Muniz J-C, Sasaki N, et al. Echocardiographic and Surgical Correlation of Coronary Artery Patterns in Transposition of the Great Arteries: Correlation of Coronary Patterns in TGA. *Congenital Heart Disease*. 2016;11(6):570-577.
3. **Fundora MP**, Sasaki J, Muniz J-C, Rossi A, Rhodes JF, Hannan RL, et al. Evaluation of Residual Coarctation in Infants with a Single Right Ventricle after Stage I Palliation. *Pediatric Cardiology*. 2017;38(1):115-122.
4. Nguyen T, **Fundora MP**, Welch E, Douglas PS, Eidem BW, Campbell RM, et al. Application of the Pediatric Appropriate Use Criteria for Chest Pain. *The Journal of Pediatrics*. 2017;185:124-128.
5. **Fundora MP**, Rodriguez Z, Mahle W. Futility in the Pediatric Cardiac Intensive Care Unit. *Cardiology In The Young*. 2020 Jul 24:1-8.
6. **Fundora MP**, Liu J, Calamaro C, Mahle WT, Diwas KC. The Association of Workload and Outcomes in the Pediatric Cardiac ICU. *Pediatric Critical Care Medicine*. 2021 Aug 1;22(8):683-91.
7. **Fundora MP**, Beshish A, Rao N, Berry CM, Figueroa J, McCracken C, Maher K. Comparison of Invasive and Oscillometric Blood Pressure Measurement in Obese and

non-Obese Children. Am J Hypertens. 2021 Jun 22;34(6):619-625. doi: 10.1093/ajh/hpab049. PMID: 33693473.

8. Parikh K, **Fundora MP**, Sasaki N, Rossi AF, Burke RP, Sasaki J. Use Of Aortic Arch Measurements In Evaluating Significant Arch Hypoplasia In Neonates with Coarctation. Progress in Pediatric Cardiology. 2021 Jun 24:101410.
9. Beshish AG, Aronoff EB, Rao N, Basu M, Zinyandu T, Shaw FR, **Fundora MP**. Outcomes for Unplanned Reinterventions Following Pediatric Cardiac Surgery for Tetralogy of Fallot. Cardiology in the Young. 1-6. doi: 10.1017/S1047951121004571
10. **Fundora MP**, Oster ME. Ten Things to Know about MIS-C. <http://www.acc.org>. Nov 02, 2021. Accessed November 8, 2021. <https://www.acc.org/Latest-in-Cardiology/Articles/2021/11/02/14/41/Ten-Things-to-Know-About-MIS-C>.
11. Beshish AG, **Fundora MP**, Aronoff EB, Kelleman MS, Shaw FR, Maher KO, Wolf MJ. Prevalence, Risk Factors, and Etiology of Extubation Failure in Pediatric Patients After Cardiac Surgery. Journal of Pediatric Intensive Care. 2021 Dec 10.
12. Beshish AG, Hupp S, Dryer R, Basu M, Weido G, Shashidharan S, Maher KO, **Fundora MP**. A Comparison of High-Flow Nasal Cannula Versus Non-Invasive Positive Pressure Ventilation for Respiratory Support in Infants Following Cardiac Surgery. Cardiology in the Young. Accepted 2021.

b. Manuscripts Submitted:

1. Ball M, **Fundora MP**, Dryer R, Basu M, Rao N, Zaki H, Beshish AG. The Use and Efficacy of Angiotensin-Converting Enzyme Inhibitors for Treatment of Hypertension After Pediatric Cardiac Surgery.

c. Book Chapters:

1. **Fundora MP**, McKinstry J. Pediatric Critical Care Medicine Fellowship Review (2018): Cardiorespiratory Interactions and Tamponade.
2. **Fundora MP**, Katz J. "Cyanotic Heart Lesions." Field Guide for Air and Ground Transport of Neonatal and Pediatric Critical Care Transport Medicine. 1st edition. Elk Grove Village, IL: American Academy of Pediatrics, 2018.

d. Published Abstracts:

1. Nguyen, T., **Fundora, M.**, Welch, E., Douglas, P., Eidem, B., Campbell, R., Weiner, R., Stern, K., Benavidez, O., Lai, W. and Sachdeva, R., 2016. Appropriate Use Of Echocardiography In Pediatric Chest Pain. Journal of the American College of Cardiology, 67(13), p.1608.
2. **Fundora, Michael**; Smallwood, Craig; Arnold, John; Salvin, Joshua. 265: HEMODYNAMIC EFFECTS OF ENDOTRACHEAL SUCTIONING IN NEONATES WITH SINGLE-VENTRICLE PHYSIOLOGY, Critical Care Medicine: January 2019 - Volume 47 - Issue 1 - p 114, doi: 10.1097/01.ccm.0000551019.66027.2c

e. Other Publications:

1. **Fundora MP.** "Cardiac Tamponade." *Nursing Quarterly Newsletter*. March. Boston, MA: Boston Children's Hospital, 2018.