

CURRICULUM VITAE
RANNA A ROZENFELD, M.D.

Business Address: Hasbro Children's Hospital
Pediatric Critical Care Medicine
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Providence, RI 02903
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EDUCATION

Undergraduate University of Pennsylvania,
Major: Biological Basis of Behavior,
B.A. 1983
Medical School Northwestern University Medical School,
MD, 1988

POSTGRADUATE TRAINING

Residency University of Chicago Medical Center,
Wyler Children's Hospital, Chicago IL,
Residency, Pediatrics, 1988-1991
Fellowship University of Pittsburgh Medical Center,
Children's Hospital of Pittsburgh,
Pittsburgh, PA,
Fellowship, Pediatric Critical Care
Medicine, 1991-1994

POSTGRADUATE HONORS AND AWARDS

1999: The Society of Critical Care Medicine 1999 Founders Grant for Training in Critical Care Research

2001: Inducted into the Society for Pediatric Research

2004: Honored at the Pediatric Resident retreat, Feinberg School of Medicine (FSM), Northwestern University, for service to the residency program.

2008: Department of Pediatrics Award, FSM, Northwestern University, for outstanding contributions in Advocacy.

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2009: Inducted as a Fellow to the American College of Critical Care Medicine

2012: Department of Pediatrics Award, FSM, Northwestern University, for outstanding contributions in Clinical Service

2013: Department of Pediatrics Award, FSM, Northwestern University, for outstanding contributions in Education

2014: Illinois Department of Public Health special recognition

2014: Department of Pediatrics Award, FSM, Northwestern University, for outstanding contribution in Clinical Activities

2014: Department of Pediatrics Award, FSM, Northwestern University, for outstanding contributions in Education

2015: Inducted into the Feinberg Academy of Medical Educators, FSM, Northwestern University

2015: Association of Air Medical Services (AAMS) 2015 Neonatal & Pediatric Transport Award of Excellence to the Ann & Robert H. Lurie Children's Hospital of Chicago Transport Team

2015: Department of Pediatrics Award, FSM, Northwestern University, for outstanding contributions in Clinical Activities

2015: Department of Pediatrics Award, FSM, Northwestern University, for outstanding contributions in Education

2016: Department of Pediatrics Award, FSM, Northwestern University, for outstanding contributions in Clinical Activities

2017: Association of Air Medical Services (AAMS) 2017 Excellence in Transport Leadership Award

2017: Association of Air Medical Services (AAMS) 2017 Critical Care Ground Award of Excellence to the Ann & Robert H. Lurie Children's Hospital of Chicago Transport Team

2017-2018: Department of Medical Education Faculty Recognition Award, FSM, Northwestern University

2018 Rhode Island Hospital Pediatric Faculty Teaching Award (Division), Brown University

2019 – Present: Selected as a National Mentor for the Educators in Pediatric Critical Care Guardians Program

2020 Rhode Island Hospital Pediatric Faculty Teaching Award (Division), Brown University

2020: Inducted into the American Pediatric Society

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2021 Rhode Island Hospital Pediatric Faculty Teaching Award (Division), Brown University

2022: C. Robert Chambliss MD Best Paper Award, American Academy of Pediatrics Section on Transport Medicine, NCE, Anaheim, CA, October 2022

2023: RI Monthly Top Doc for Pediatric Critical Care Medicine

2023: Rhode Island Hospital Teaching Award in Pediatrics (Division), Brown University

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Licensure

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| 1991 - Present | Illinois License Registration #036-083053 |
| 1991 | Pennsylvania License Registration MD#044281-L |
| 2015 - 2022 | Wisconsin License Registration #63986-20 |
| 2017 - Present | Rhode Island License Registration #MD15985 |

Board Certification

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| 1989 | Diplomate, National Board of Medical Examiners #360081 |
| 1994 - Present | Diplomate, American Board of Pediatrics #054532 |
| 2000 - Present | Diplomate, American Board of Pediatrics, Sub Board Pediatric Critical Care Medicine #962 |

Other Certification

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|---------------------------|---|
| 1990 - Present | Pediatric Advanced Life Support |
| 1991 - Present | Instructor: Pediatric Advanced Life Support |
| 1991-1996, 2009 - Present | Advance Cardiac Life Support |
| 1991-1996 | Advanced Trauma Life Support |
| 2012, 2020 | Emergency Management Institute/FEMA, Introduction to the Incident Command System (ICS-100) for Healthcare/Hospitals |
| 2012 | Emergency Management Institute/FEMA, National Incident Management System (NIMS, ICS-700) |
| 2014 | Medical Director Core Curriculum – Air Medical Physician Association |
| 2016 | Emergency Management Institute/FEMA, Applying ICS to Healthcare Organizations (ICS-200). |
| 2020 | Emergency Management Institute/FEMA, Basic Incident Command System for Initial Response (ICS-200) |

ACADEMIC APPOINTMENTS

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|-----------|---|
| 1994-1997 | Instructor, Department of Pediatrics, Northwestern University Medical School, Chicago, IL |
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- 1997-2005 Assistant Professor, Department of Pediatrics, Northwestern University Medical School, Chicago, IL
- 2005-2015 Associate Professor, Department of Pediatrics, Feinberg School of Medicine, Northwestern University, Chicago, IL
- 2014-2015 Associate Professor, Department of Medical Education, Feinberg School of Medicine, Northwestern University, Chicago, IL
- 2015 -2017 Professor, Department of Pediatrics & Department of Medical Education, Feinberg School of Medicine, Northwestern University, Chicago, IL
- 2017 - 2020 Adjunct Professor, Department of Pediatrics, Feinberg School of Medicine, Northwestern University, Chicago, IL
- 2017 - Present Professor, Department of Pediatrics, The Warren Alpert Medical School, Brown University, Providence, RI

HOSPITAL APPOINTMENTS

- 1994 - 2020 Attending Physician, Pediatric Critical Care Medicine, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
- 1995-2018 Attending Physician, Pediatric Critical Care Medicine, NorthShore University Health System, Evanston, IL
- 1994 – 2017 Associate Medical Director, Pediatric Intensive Care Unit, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
- 1994 – 2017 American Heart Association Training Center Faculty Member, Pediatric Advanced Life Support Training Center at Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
- 2000 - 2004 Co-Medical Director, Transport Team, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
- 2004 – 2017 Medical Director, Transport Team, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
- 2006 – 2017 Physician in Charge, American Heart Association Pediatric Advanced Life Support Training Center at Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
- 2017 – Present Attending Physician, Pediatric Critical Care Medicine, Hasbro Children's Hospital, Providence, RI

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- 2017 – Present Medical Director, LifePACT Pediatric Transport Team, Rhode Island Hospital/Hasbro Children’s Hospital, Providence, RI
- 2018 – 2021 Associate Division Director for Scholarship and Academic Affairs, Pediatric Critical Care Medicine, Hasbro Children’s Hospital, Providence, RI
- 2021 – Present Division Director, Pediatric Critical Care Medicine, Hasbro Children’s Hospital, Providence, RI

OTHER APPOINTMENTS

- 1996-2000 Representative on the Industry Advisory Group for Gas Detectors, Underwriters Laboratories Inc.
- 1998 – 2017 Taskforce member, American College of Critical Care Medicine Guidelines for Hemodynamic Support of Pediatric and Neonatal Patients in Septic Shock.
Chair – vasopressor subgroup
- 2000-2002 Representative on the Standards Technical Panel for Gas Detectors, Underwriters Laboratories Inc.
- 2001 - 2017 Illinois Emergency Medical Services for Children Pediatric Interfacility Transfer Project Advisory Committee
- 2002 – 2017 Member on the Standards Technical Panel for Carbon Monoxide Alarms and Gas Detectors, Underwriters Laboratories Inc.
- 2006 – 2017 Member, Children’s Hospital of Chicago Research Center
- 2010 – 2011 Participant, the Pediatric Advisory Committee of the Chicago Health System Coalition for Preparedness and Response Pediatric Critical Care and Transport Stakeholders Summit
April 22, 2010
June 20, 2011
- 2011 – 2014 Committee Member, Illinois Emergency Medical Services for Children Pediatric and Neonatal Surge Annex Planning Committee
Member: System Decompression Subcommittee
Member: Pediatric Care Medical Specialist Subcommittee
- 2012 – 2017 Site Surveyor for PCCC (Pediatric Critical Care Center) Recognition Program, Illinois Emergency Medical Services for Children (EMSC)
- 2018 – Present American Academy of Pediatrics Section on Transport Medicine Executive Committee

LEADERSHIP TRAINING AND CERTIFICATIONS

- 2022 AMSPDC (Associate of Medical School Pediatric Department Chairs) Pediatric Division Directors Leadership Program
- 2022 Career Advancement and Leadership Skills for Women in Healthcare, Harvard Medical School
- 2022-2023: AMSPDC (Associate of Medical School Pediatric Department Chairs) Division Director Academy Inaugural Cohort

PROFESSIONAL PUBLIC SERVICE

- February 2012 Session Moderator: Professor Walk Rounds, Society of Critical Care Medicine Annual Meeting, Houston, TX.
- May 2012 Session Moderator: Poster Symposium, Pediatric Academic Societies Annual meeting, Boston, MA.
- May 2014 Workshop co-leader: Transforming the Morbidity and Mortality Conference into a Powerful Tool for Improving Safety and Quality. Pediatric Academic Societies Workshop.
- 2015 - 2018 Toolkit development co-chair: American College of Critical Care Medicine Guidelines for Hemodynamic Support of Pediatric and Neonatal Patients in Septic Shock.
- February 2016 Session Moderator: Research Snapshot Presentations, Society of Critical Care Medicine Annual Meeting, Orlando, FL.
- 2016 – 2019 Society of Critical Care Medicine Criteria for Critical Care Infants and Children: PICU Admission, Discharge and Triage Guidelines and Levels of Care, Voting panel member
- May 2016 Session Moderator: Poster session, Pediatric Academic Societies Meeting, Baltimore, MD
- May 2017 Session Moderator: Poster session, Pediatric Academic Societies Meeting, San Francisco, CA
- February 16, 2018 Workshop co-leader The Educator Portfolio: A Career Carepath. Rhode Island Hospital/Hasbro Children’s Hospital
- March 11, 2018 Pediatric Airway Skills Leader, State Component of NREMT NCCP for RI EMS Professionals Course, Providence, RI
- 2018 – 2020 Association of Air Medical Services (AAMS) Awards Sub-committee

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- November 2018 Instructor, Procedure Skills Lab, American Academy of Pediatrics, Section on Transport Medicine, Course on Neonatal and Pediatric Critical Care Transport Medicine
- 2019 – Present Rhode Island Department of Health Emergency Medical Services for Children (EMSC) Advisory Council
- February 2019 Session Moderator: Research Snapshot Presentations, Society of Critical Care Medicine Annual Meeting, San Diego, CA.
- February 2020 Session Moderator: Research Snapshot Presentations, Society of Critical Care Medicine Annual Meeting, Orlando, FL.
- 2020 – Present Co-chair, AAP Section on Transport Medicine Research Seed Grant Committee
- 2020 - Present Co-chair, Webinar series, AAP Section on Transport Medicine
- October 2022 Co-Course director for AAP Section on Transport Medicine Transport Course, October 2022, Named Course Director for Transport Course to take place in October 2024
- October 2022 Instructor, Procedure Skills Lab, American Academy of Pediatrics, Section on Transport Medicine, Course on Neonatal and Pediatric Critical Care Transport Medicine
- October 2022 Course Director, Simulation Lab, “Transport Resuscitation Scenarios Utilizing High-Fidelity Simulation”, American Academy of Pediatrics, Section on Transport Medicine, Course on Neonatal and Pediatric Critical Care Transport Medicine
- 2022 – present New England Pediatric ICU Collaborative, Representing RI and HCH PICU
- January 2023 Session Moderator: Research Snapshot Presentations, Society of Critical Care Medicine Annual Meeting, San Francisco, CA.

EDITORIAL RESPONSIBILITIES

Guest Editor: Clinical Pediatric Emergency Medicine, Vol 8, 2007

Associate Editor for the 5th Edition of the Guidelines for Air and Ground Transport of Neonatal and Pediatric Patients. American Academy of Pediatrics.

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REVIEW RESPONSIBILITIES

Journal Reviewer:

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| 1996 | Reviewer for the Pediatric Critical Care Medicine Rare Case Registry |
| 2001 | Reviewer for American Journal of Critical Care |
| 2017, 2019 | Reviewer for Journal of Pediatric Infectious Diseases |
| 2017 | Reviewer for International Journal for Quality in Healthcare |
| 2017 | Reviewer for Critical Care Nurse |
| 2018 | Reviewer for Journal of Pediatrics |
| 2018 | Reviewer for Pediatric Emergency Care |
| 2018 | Reviewer for Biomarkers |
| 2019, 2020 | Reviewer for Respiratory Care |
| 2019, 2020 | Reviewer for Disaster Medicine and Public Health Preparedness |
| 2020 | Reviewer for Pediatrics |
| 2021 | Reviewer for Clinical Medicine Insights: Pediatrics |
| 2023 | Reviewer for Pediatric Quality and Safety |

Abstract Reviewer:

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| 1999, 2008, 2011-2016, 2018-2021 | Reviewer for Society of Critical Care Medicine abstracts |
| 2013, 2015-2016, 2019-2023 | Reviewer for Pediatric Academic Societies abstracts |
| 2016-2017, 2020, 2022-2023 | Reviewer for American Academy of Pediatrics abstracts |

HOSPITAL COMMITTEES

Service to the Hospital

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| 1995 – 2017 | Reviewer of Nursing protocols, policies and procedures |
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| 2000 - 2017 | Clinical Risk Review Committee |
| 2000 - 2018 | Transport Committee |
| 2002 - 2008 | Institutional Animal Care and Use Committee |
| 2004 – 2017 | Chair, Transport Committee |
| 2004 – 2017 | Multidisciplinary PICU Quality Committee |
| 2004 | External review of Acute Dialysis Services, presented the ICU Perspective |
| 2004 – 2007 | Medical Trust-Liability committee |
| 2004 | Autopsy Process Improvement Committee |
| 2005 – 2008 | Acuity Assessment Team |
| 2007 – 2012 | PICU MD/RN Leadership Committee |
| 2009 – 2012 | Denials Review Committee |
| 2009 | Opened the Transport Communication Center |
| 2010 – 2012 | Co-Chair - Lurie Children’s Hospital Patient Move Sub-Committee |
| 2010 – 2012 | Move Steering Committee |
| 2010 - 2017 | Transport Team operational planning committee |
| 2010 – 2014 | Chair – Communication Center Operational Planning Committee |
| 2010 | Autopsy consent, policy and procedure review |
| 2012 – 2017 | Throughput and Capacity Committee |
| 2012 – 2018 | Heliport Review Committee |
| 2012 – 2018 | Heliport Operations Committee |
| 2012 – 2017 | Chair – Brings (Non-transport team transfer) Process Review Committee |
| 2013 – 2018 | Transport Team Multidisciplinary Quality and Safety Committee |
| 2013 – 2017 | Emergency Response Team Committee |
| 2014 | Full Accreditation, Commission on Accreditation of Medical Transport |

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| | Systems (CAMTS), Lurie Transport Team |
| 2015 - 2017 | Biohazard Preparedness Committee |
| 2016 - 2017 | Emergency Preparedness Committee |
| 2017 – Present | Hasbro Children’s Hospital Cardiac Arrest Committee |
| 2017 – Present | LifePACT Operations/Administrative Committee |
| 2017 – Present | LifePACT Quality & Safety Committee |
| 2017 – Present | Department of Emergency Medicine, Division of Emergency Medical Services Operations Committee |
| 2017 – Present | Emergency Medical Services Advisory Council – Pediatrics Expert |
| 2018 – Present | IPSO Pediatric Sepsis Collaborative Steering Committee |
| 2018 – Present | Pediatric Trauma Committee/Performance Improvement Patient Safety |
| 2018 – Present | Handoff processes implementation to/from PICU for OR, ED and LifePACT |
| 2019 – Present | Rhode Island Hospital Bylaws Committee |
| 2022 – Present | Hasbro Children’s Hospital Leadership Council |

Service to the Department

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| 1995 - 1999 | Pediatric Faculty Foundation Human Resources Subcommittee |
| 1995 - 1996 | Search Committee for the Associate Director in the Division of Emergency Medicine |
| 1996 – 2017 | Interview medical student candidates for Lurie Children’s residency program |
| 1996 - 2004 | Residency Selection Committee |
| 2001 – 2004 | Pediatric Faculty Foundation Nominating Committee |
| 2004 – 2006 | Department of Medicine Quality Steering Committee |
| 2004 – 2017 | Department of Pediatrics Residency Committee |
| 2004 – 2012 | Department of Pediatrics Residency Program Education Council |

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| 2004 – 2017 | Pediatric Residency Advisor |
| 2005 – 2017 | Department of Pediatrics Morbidity & Mortality/Outcomes Review Committee |
| 2005 – 2008 | Department of Pediatrics Clinical Board |
| 2006 – 2015 | Fellow Scholarly Oversight Committees |
| 2008 – 2017 | Pediatric Critical Care Fellow Advisor |
| 2012 – 2017 | Department of Pediatrics Program Evaluation Committee/Core Faculty |
| 2012 – 2014 | Clinical ladder promotions committee |
| 2013 | Search committee – Palliative Care Medicine |
| 2017 – Present | Interview medical student candidates for Hasbro Children’s residency program |
| 2019 – Present | Department of Pediatrics Faculty Development Workgroup/ Faculty Development Series Planning Committee |
| 2022 – Present | Pediatric Residency Advisor |
| 2022 – Present | Pediatric Residency Clinical Competency Committee for the Class of 2025 |

Service to the Division

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| 1994 - 2017 | Critical Care Medicine Morbidity and Mortality Committee |
| 1996 – 2017 | Director of Critical Care Medicine special projects |
| 2001 – 2017 | Director of Critical Care Education for pediatric residents |
| 2004 – 2017 | Chair, Critical Care Medicine Morbidity and Mortality Committee |
| 2004 – 2013 | PICU Multidisciplinary Rounds |
| 2004 – 2017 | PICU Quality Committee |
| 2004 – 2013 | Quality Coordinator, Critical Care |
| 2006 - 2017 | CME credit for divisional M&M conference, Quarterly and annual reports to the FSM CME committee |
| 2008 - 2017 | Peer review program – report to the department quarterly |

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| 2012 – 2017 | Critical Care Medicine Fellowship Core Faculty |
| 2018 – Present | Coordinator of Educational Conferences for Division of Critical Care |
| 2019 – Present | CME credit for divisional journal club, Quarterly and annual reports to the Lifespan CME committee |
| 2019 – Present | PICU M&M Committee |

UNIVERSITY COMMITTEES

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| 2011-2013 | Healthcare Quality and Patient Safety Thread Committee, Feinberg School of Medicine, Curriculum Renewal |
| 2013 - 2017 | Clerkship Director: Pediatric Intensive Care Unit Clerkship for 4 th year medical students, core clerkship for MS4 students, Feinberg School of Medicine. |
| 2013 – 2017 | Core Clerkship Director Committee |
| 2021 – Present | Advisory Board Member, Office of Women in Medicine and Science, Brown Medical School |
| 2021 – Present | Co-Advisor to the Brown American Medical Woman’s Association (AMWA) Pre-Med Chapter |
| 2022 – Present | Medical Faculty Executive Committee Member Promotions Subcommittee Member |

Service to the Medical School

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| 2016, 2017 | Abstract Reviewer and Judge for Research Day |
| 2018 | Pediatric Networking for The Warren Alpert Medical School, Brown University medical students |
| 2021 | Mentor for OWIMS Women in Medicine Specialty Night |
| 2021 - 2023 | Chair, Search Committee for Division Director, Pediatric Pulmonology |
| 2021 - Present | Department of Pediatrics Promotion Committee |
| 2021 – 2022 | Search Committee for Division Director, Pediatric Surgery |
| 2021 – 2022 | Chair, Search Committee for Pediatric Critical Care Medicine Faculty |

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- 2022 – Present Pediatric Interest Group Mentor
- 2023 Mentoring Program for Brown Undergraduate Students sponsored by WiSE, AMWA and OWIMS

MEMBERSHIP IN SOCIETIES

- 1983 Phi Delta Epsilon Medical Fraternity
- 1985 American Medical Women's Association
- 1988 American Academy of Pediatrics
 Section Member: Section on Critical Care
 Section Member: Section on Transport Medicine
- 2018 Executive Committee member SOTM
- 1992 Society of Critical Care Medicine
 Section Member: Pediatric Section
- 2001 American Physiological Society
- 2001 Society for Pediatric Research
- 2007 Air Medical Physician Association
- 2009 Fellow: American College of Critical Care Medicine
- 2020 American Pediatric Society
- 2021 Society for Pediatric Sedation

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Rozenfeld, R.A.**, M.K. Dishart, T.I. Tonnessen, R. Schlichtig. Methods for detecting local intestinal ischemic anaerobic metabolic acidosis by PCO₂. *Journal of Applied Physiology*. 81(4): 1834-1842, 1996. PMID: 8904606.
2. Sun, X-M., **R.A. Rozenfeld**, X-W. Qu, W. Huang, F. Gonzalez-Crussi, W. Hsueh. P-selectin-deficient mice are protected from PAF-induced shock, intestinal injury and lethality. *American Journal of Physiology*. 273:G56-G61, 1997. PMID 9252509
3. Dishart, M.K., R. Schlichtig, T.I. Tonnessen, **R.A. Rozenfeld**, E. Simplaceneau, D. Williams, T.J.P. Gayowski. Mitochondrial redox state as a potential detector of liver dysoxia in vivo. *Journal of Applied Physiology*. 84(3): 791-797, 1998. PMID 9480934
4. Qu, X-W., **R.A. Rozenfeld**, W. Huang, S.E. Crawford, F. Gonzalez-Crussi, W. Hsueh. Interaction of platelet-activating factor, spleen and atrial natriuretic peptide in plasma volume regulation during endotoxaemia in rats. *Journal of Physiology* 512:227-234, 1998. PMID 9729632
5. Qu, X-W., **R.A. Rozenfeld**, W. Huang, X-M. Sun, X-D. Tan, W. Hsueh. Roles of Nitric Oxide Synthases in Platelet-Activating Factor-Induced Intestinal Necrosis in Rats. *Critical Care Medicine* 27(2):356-364, 1999. PMID 10075061

6. Qu, X-W., **R.A. Rozenfeld**, W. Huang, G.B. Bulkley, W. Hsueh. The Role of Xanthine Oxidase in Platelet Activating Factor induced Intestinal injury in the Rat. *Gut*: 44(2):203-211, 1999. PMID 9895379
7. Qu, X-W., H. Wang, **R.A. Rozenfeld**, W. Huang, W. Hsueh. Type I nitric oxide synthase (NOS) is the predominant NOS in rat small intestine. Regulation by platelet-activating factor. *Biochimica et Biophysica Acta*: 1451(1):211-217, 1999. PMID 10446403
8. Qu, X-W., H. Wang, I.G. De Plaen, **R.A. Rozenfeld**, W. Hsueh. Neuronal nitric oxide synthase (NOS) regulates the expression of inducible NOS in rat small intestine via modulation of nuclear factor kappa B. *FASEB Journal*: 15(2): 439-446 2001. PMID 11156959
9. **Rozenfeld, R.A.**, X. Liu, I. DePlaen, W. Hsueh. Role of gut flora on intestinal group II phospholipase A2 activity and intestinal injury in shock. *American Journal of Physiology*: 281(4): G957-G963, 2001. PMID 11557516
10. De Plaen IG, Qu XW, Wang H, Tan X-D, Wang L, Han XB, **Rozenfeld RA** and Hsueh W. Endotoxin, but not platelet-activating factor, activates nuclear factor-kappaB and increases IkappaBalpha and IkappaBbeta turnover in enterocytes. *Immunology*: 106(4):577-583, 2002. PMID 12153521
11. Carcillo, J.A., A.I. Fields, **Task Force Committee Members**. Clinical practice parameters for hemodynamic support of pediatric and neonatal patients in septic shock. *Critical Care Medicine*: 30(6):1365-1378, 2002. PMID 12072696
12. Qu, X-W., L.G. Thaete, **R.A. Rozenfeld**, Y. Zhu, I.G. DePlaen, M.S. Caplan, W. Hsueh. Tetrahydrobiopterin prevents platelet-activating factor-induced intestinal hypoperfusion and necrosis: Role of neuronal nitric oxide synthase. *Critical Care Medicine*: 33(5):1050-1056, 2005. PMID 15891335
13. Goodman D, Shulman S, Fenik J, Rowley A, Lane J, **Rozenfeld R**, Donaldson J, Miller M, Wyers M, Stevens K. A 19-month-old girl with congestive heart failure, hypertension, and coronary artery dilatations. Interview by Robert Listernick. *Pediatric Annals*: 34(1):14-19, 2005. PMID 15693211
14. Bu, H-F, X Wang, Y-Q Zhu, R Y Williams, W Hsueh, X Zheng, **R A Rozenfeld**, X-L Zuo, X-D Tan. Lysozyme-Modified Probiotic Components Protect Rats against Polymicrobial Sepsis: Role of Macrophages and Cathelicidin-Related Innate Immunity. *Journal of Immunology*: 177(12): 8767-8776, 2006. PMID 17142779
15. **Rozenfeld, R.A.**, J.B. Leikin. Severe Methanol Ingestion Treated Successfully Without Hemodialysis. *American Journal of Therapeutics*: 14(5): 502-503, 2007. PMID 17890942
16. Brierley, J, Carcillo, JA, Choong, K, Cornell, T, DeCaen A, Deymann A, Doctor A, Davis A, Duff J, Dugas M-A, Duncan A, Evans B, Feldman J, Felmet K, Fisher G, Frankel L, Jeffries H, Greenwald B, Gutierrez J, Hall M, Han YY, Hanson J, Hazelzet J, Hernan L, Kiff J, Kissoon N, Kon A, Irazusta J, Lin J, Lorts A, Mariscalco M, Mehta R, Nadel S, Nguyen T, Nicholson C,

Peters M, Okhuysen-Cawley R, Poulton T, Relves M, Rodriguez A, **Rozenfeld R**, Schnitzler E, Shanley T, Skache S, Skippen P, Torres A, von Dessauer B, Weingarten J, Yeh T, Zaritsky A, Stojadinovic B, Zimmerman J, Zuckerberg A. Clinical practice parameters for hemodynamic support of pediatric and neonatal septic shock: 2007 update from the American College of Critical Care Medicine. *Critical Care Medicine* 37(2): 666-688, 2009. PMID 19325359

17. Coates, B.M., Chaize, R., Goodman, D. G., **Rozenfeld, R.A.** Performance of capnometry in non-intubated infants in the Pediatric Intensive Care Unit. *BMC Pediatrics*. 14(1):163, 2014. PMID 24965523

18. Listernick, R., S.T. Shulman, M. Nevin, D. Weese-Mayer, M. Wainwright, C. Bregman, J. Frader, **R. Rozenfeld**. A 3-year-old boy with acute respiratory failure, sleep apnea, and rapid weight gain. *Pediatric Annals*. 2014 Feb;43(2):49-52. PMID 24512153

19. Eppich W, Nannicelli AP, Seivert NP, Sohn MW, **Rozenfeld R**, Woods DM, Holl JL. A Rater Training Protocol to Assess Team Performance. *Journal of Continuing Education in the Health Professions*. 2015 35(2):83-90. DOI: 10.1002/chp.21270. PMID: 26115107

20. Listernick R, Benya E, Trainor J, Kabre R, Lautz T, Sharathkumar A, Liem R, Bhat R, **Rozenfeld R**, Thompson A. A 15-year-old obese girl with abdominal pain. *Pediatric Annals*. 2015 Apr;44(4):126-9. PMID 25875976

21. Mickells GE, Goodman DM, **Rozenfeld RA**. Education of pediatric subspecialty fellows in transport medicine: a national survey. *BMC Pediatrics*. 2017 Jan 13;17(1):13. doi: 10.1186/s12887-017-0780-5. PMID: 28086760

22. **Rozenfeld RA**, Reynolds SL, Ewing S, Crulcich MM, Stephenson M. Development of an Evacuation Tool to Facilitate Disaster Preparedness: Use in a Planned Evacuation to Support a Hospital Move. *Disaster Med and Public Health Preparedness*. 2017 Aug;11(4):479-486. doi: 10.1017/dmp.2016.154. Epub 2017 Jan 24. PMID: 28115033

23. Davis AL, Carcillo JA, Aneja RK, Deymann AJ, Lin JC, Nguyen TC, Okhuysen-Cawley RS, Relves MS, **Rozenfeld RA**, Skippen PW, Stojadinovic BJ, Williams EA, Yeh TS, Balamuth F, Brierley J, de Caen AR, Cheifetz IM, Choong K, Conway E Jr, Cornell T, Doctor A, Dugas MA, Feldman JD, Fitzgerald JC, Flori HR, Fortenberry JD, Graciano AL, Greenwald BM, Hall MW, Han YY, Hernan LJ, Irazuzta JE, Iselin E, van der Jagt EW, Jeffries HE, Kache S, Katyal C, Kisson NT, Kon AA, Kutko MC, MacLaren G, Maul T, Mehta R, Odetola F, Parbuoni K, Paul R, Peters MJ, Ranjit S, Reuter-Rice KE, Schnitzler EJ, Scott HF, Torres A Jr, Weingarten-Abrams J, Weiss SL, Zimmerman JJ, Zuckerberg AL. American College of Critical Care Medicine Clinical Practice Parameters for Hemodynamic Support of Pediatric and Neonatal Septic Shock. *Critical Care Medicine*. 2017 Jun;45(6):1061-1093. doi: 10.1097/CCM.0000000000002425. PMID: 28509730

24. Davis AL, Carcillo JA, Aneja RK, Deymann AJ, Lin JC, Nguyen TC, Okhuysen-Cawley RS, Relves MS, **Rozenfeld RA**, Skippen PW, Stojadinovic BJ, Williams EA, Yeh TS, Balamuth F, Brierley J, de Caen AR, Cheifetz IM, Choong K, Conway E Jr, Cornell T, Doctor A, Dugas MA, Feldman JD, Fitzgerald JC, Flori HR, Fortenberry JD, Graciano AL, Greenwald BM, Hall MW,

Han YY, Hernan LJ, Irazuzta JE, Iselin E, van der Jagt EW, Jeffries HE, Kache S, Katyal C, Tex Kisson N, Kon AA, Kutko MC, Maclaren G, Maul T, Mehta R, Odetola F, Parbuoni K, Paul R, Peters MJ, Ranjit S, Reuter-Rice KE, Schnitzler EJ, Scott HF, Torres A Jr, Weingarten-Abrams J, Weiss SL, Zimmerman JJ, Zuckerberg AL. The 2014 American College of Critical Care Medicine Clinical Practice Guidelines for Hemodynamic Support of Pediatric and Neonatal Septic Shock Executive Summary. *Pediatric Critical Care Medicine*. 2017 Sep;18(9):884-890. doi: 10.1097/PCC.0000000000001259. PMID:28723883

25. Frankel LR, Hsu BS, Yeh TS, Simone S, Agus MSD, Arca MJ, Coss-Bu JA, Fallat ME, Foland J, Gadepalli S, Gayle MO, Harmon LA, Hill V, Joseph CA, Kessel AD, Kisson N, Moss M, Mysore MR, Papo ME, Rajzer-Wakeham KL, Rice TB, Rosenberg DL, Wakeham MK, Conway EE Jr; Voting Panel Collaborators: Bernard PA, Bettencourt AP, Bishop JM, Carpenter T, Castello FV, Czaja A, Fayazi AR, Azadeh R RB, Kiragu AW, Lai YC, Leonard C, Lowrie LH, Markovitz BP, McCrory MC, Mehta R, Nakagawa TA, Odetola F, Parker MM, Paulson TE, Powell VA, Relvas MS, **Rozenfeld RA**, Sanders RC Jr., Serrao K, Shankar V, Shein S, Stockwell D, Stryjewski G, Vats A, Williamson J. Criteria for Critical Care Infants and Children: PICU Admission, Discharge, and Triage Practice Statement and Levels of Care Guidance. *Pediatr Crit Care Med*. 2019 Sep;20(9):847-887. doi: 10.1097/PCC.0000000000001963. PMID: 31483379

26. Westley L, Nokes J, **Rozenfeld RA**. Decreasing the Use of Lights and Sirens in an Urban Environment - A Quality Improvement Project. *Pediatric Quality and Safety*. 2020;2:e279; doi: 10.1097/pq9.0000000000000279; Published online March 30, 2020

27. **Rozenfeld RA**, Nannicelli AP, Brown AR, Eppich WJ, Woods, DM, Lestrud, SO, Noah ZL, Holl JL. Verbal communication during airway management and emergent endotracheal intubation: Observations of team behavior among multi-institutional Pediatric Intensive Care Unit in-situ simulations. *Journal of Patient Safety*. 2020 September 16(3):e114-e119. PMID: 27811586 DOI: [10.1097/PTS.0000000000000272](https://doi.org/10.1097/PTS.0000000000000272)

28. Ogueri VN, Mellor JR, Muralidhar N, MacDonell-Yilmaz R, Welch JJG, Goudie BW, Agarwal S, **Rozenfeld RA**. Acute Myocardial Dysfunction and Hyper-Eosinophilic Infiltrative Myocarditis Secondary to New Onset Pediatric Acute Lymphoblastic Leukemia. *J Am Coll Cardiol Case Rep* 2021;3 (7):991–996

29. Stroud MH, Miquel-Verges FF, **Rozenfeld RA**, Holcomb RG, Brown CC, Meyer K. The State of Neonatal and Pediatric Interfacility Transport During the Coronavirus Disease 2019 Pandemic. *Air Med J*. 2021 Sep-Oct;40(5):331-336. doi: 10.1016/j.amj.2021.05.003. Epub 2021 May 9. PMID: 34535241; PMCID: PMC8106880.

30. Dessert S, Ganta A, Topor LS, **Rozenfeld RA**, New-onset Adrenal Insufficiency Presenting with Adrenal Shock in a Pediatric Patient. *R I Med J* (2013). 2021 Oct 1;104(8):15-18. PMID: 34582508.

31. Van Naarden Braun K, Drexler M, **Rozenfeld, RA**, Deener-Agus A, Greenstein R, Agus M, Joffe M, Kasowitz A, Levy P, Nerwen C, Multicomponent Strategies to Prevent SARS-CoV-2 Transmission – Nine Overnight Youth Summer Camps, United States, June – August 2021. *MMWR Morb Mortal Wkly Rep*. 2021;70:1420-1424. DOI:

<http://dx.doi.org/10.15585/mmwr.mm7040e1>

32. Silberman A, **Rozenfeld RA**, Kessler, D. Core Components of a Pediatric Critical Care Transport Communication Curriculum; A Modified Delphi. 2021, Air Med J.

DOI: [10.1016/j.amj.2021.11.003](https://doi.org/10.1016/j.amj.2021.11.003)

33. Good RJ, Zurca AD, Turner DA, Bjorklund AR, Boyer DL, Krennerich EC, Petrillo T, **Rozenfeld RA**, Sasser WC, Schuette J, Tchamtchi MH, Watson CM, Czaja AS; Education in Pediatric Intensive Care (EPIC) Investigators. Transport Medical Control Education for Pediatric Critical Care Fellows: A National Needs Assessment Study. *Pediatr Crit Care Med*. Epub ahead of print 2021, 2022 Jan 1;23(1):e55-e59. doi: 10.1097/PCC.0000000000002803. PMID: 34261945.

34. Schmidt CD, Thompson AN, Welsh SS, Simas DM, Carreiro P, **Rozenfeld RA**. Pediatric Transport-Specific Illness Severity Scores Predict Clinical Deterioration of Transported Patients. *Pediatr Emerg Care*. 2022 Aug 1;38(8):e1449-e1453. doi: 10.1097/PEC.0000000000002789. Epub 2022 Jun 21. PMID: 35727913.

35. Eisenberg MA, Riggs R, Paul R, Balamuth F, Richardson T, DeSouza HG, Abbadesa MK, DeMartini TKM, Frizzola M, Lane R, Lloyd J, Melendez E, Patankar N, Rutman L, Sebring A, Timmons Z, Scott HF; **IPSO collaborative investigators**. Association Between the First-Hour Intravenous Fluid Volume and Mortality in Pediatric Septic Shock. *Ann Emerg Med*. 2022 May 28:S0196-0644(22)00245-1. doi: 10.1016/j.annemergmed.2022.04.008. Epub ahead of print. PMID: 35641356.

36. Schafer M, Gruhler De Souza H, Paul R, Riggs R, Richardson T, Conlon P, Duffy S, Foster LZ, Gunderson J, Hall D, Hatcher L, Hess LM, Kirkpatrick L, Kunar J, Lockwood J, Lowerre T, McFadden V, Raghavan A, Rizzi J, Stephen R, Stokes S, Workman JK, Kandil SB; **IPSO collaborative investigators**. Characteristics and Outcomes of Sepsis Presenting in Inpatient Pediatric Settings. *Hosp Pediatr*. 2022 Nov 8:e2022006592. doi: 10.1542/hpeds.2022-006592. Epub ahead of print. PMID: 36345706.

37. Good RJ, Boyer DL, Bjorklund AR, Corden MH, Harris MI, Tchamtchi MH, Kink RJ, Koncicki ML, Molas-Torreblanca K, Miquel-Verges F, Mink RB, **Rozenfeld RA**, Sasser WC, Saunders S, Silberman AP, Srinivasan S, Tseng AS, Turner DA, Zurca AD, Czaja AS. Development of an Approach to Assessing Pediatric Fellows' Transport Medical Control Skills. In press, *Hospital Pediatrics* June 2023.

OTHER PEER-REVIEWED PUBLICATIONS

1. **Rozenfeld, R.A.**, Pediatric Critical Care Medicine. *Clinical Pediatric Emergency Medicine*: 8: 137-138, 2007.

2. Horowitz, R, and **R.A. Rozenfeld**. Pediatric Critical Care Interfacility Transport. *Clinical Pediatric Emergency Medicine*: 8: 190-202, 2007.

3. Alqahtani M.F., L.E. Marsillio, **R.A. Rozenfeld**. Review of Biomarkers and Physiometers in Pediatric Sepsis. *Clinical Pediatric Emergency Medicine*, 15(2):177-184, 2014.

4. **Rozenfeld R.A.**, Sepsis Guidelines: The Work of the Society of Critical Care Medicine. *Clinical Pediatric Emergency Medicine*, 15(2): 120-122, 2014.
5. Ganta A, Dessert S, Swartz Topor L, **Rozenfeld RA**. Acute Adrenal Insufficiency: A case report and review of the literature. *American Academy of Pediatrics Section on Transport Medicine Transport Dispatch*, Spring 2022 (March/April).
6. Al Rasheed N and **Rozenfeld RA**. Portable Medical Isolation Units. Accepted for publication *American Academy of Pediatrics Section on Transport Medicine Transport Dispatch*, 2023

BOOKS AND BOOK CHAPTERS

1. **Rozenfeld, R.A.**: Atelectasis: In Behrman, RE, Kliegman, RM, Jenson, HB (editors), *Nelson Textbook of Pediatrics*, 17th Ed., Philadelphia, WB Saunders, page 1459-1461, 2004.
2. **Rozenfeld, R.A.**: Near-Drowning: In Green, TP, Franklin, WH, Tanz, RR, (Editors), *Pediatrics: Just the Facts*, 1ST Ed., McGraw Hill, page 146-149, 2005.
3. **Rozenfeld, R.A.**: Acid-Base Balance: In Green, TP, Franklin, WH, Tanz, RR, (Editors), *Pediatrics: Just the Facts*, 1ST Ed., McGraw Hill, page 151-152, 2005.
4. DeCoursey D. and **Rozenfeld, R.A.** *PICU Resident Handbook*. 1st Ed. 2006.
5. **Rozenfeld, R.A.**: Bag-Mask Ventilation: In Goodman, DG, Green TP, Unti, SM, Powell, EC (editors), *Current Procedures: Pediatrics*, 1st Ed., McGraw Hill, page 3-6, 2007.
6. **Rozenfeld, R.A.**: Placement of Oropharyngeal Airway: in Goodman, DG, Green TP, Unti, SM, Powell, EC (editors), *Current Procedures: Pediatrics*, 1st Ed., McGraw Hill, page 7-8, 2007.
7. **Rozenfeld, R.A.**: Placement of Nasopharyngeal Airway: in Goodman, DG, Green TP, Unti, SM, Powell, EC (editors), *Current Procedures: Pediatrics*, 1st Ed., McGraw Hill, page 9-11, 2007.
8. **Rozenfeld, R.A.**: Endotracheal intubation: in Goodman, DG, Green TP, Unti, SM, Powell, EC (editors), *Current Procedures: Pediatrics*, 1st Ed., McGraw Hill, page 12-19, 2007.
9. **Rozenfeld, R.A.**: Atelectasis: In Kliegman, RM, Behrman, RE, Jenson, HB and Stanton B.F. (editors), *Nelson Textbook of Pediatrics*, 18th Ed., Philadelphia, WB Saunders, page 1830-1832, 2007.
10. DeCoursey D. and **Rozenfeld, R.A.** *PICU Resident Handbook*. 2nd Ed. 2007.
11. DeCoursey D. and **Rozenfeld, R.A.** *PICU Resident Handbook*. 3rd Ed. 2008.

Rozenfeld

12. Brooks, M, and **Rozenfeld, RA**: PICU Resident Handbook. 4th Ed. 2009
13. Brooks, M, and **Rozenfeld, RA**: PICU Resident Handbook. 5th Ed. 2010
14. Levin A, and **Rozenfeld, RA**: PICU Fellow Handbook. 2nd Ed. 2010
15. Brooks M, and **Rozenfeld, RA**: PICU Resident Handbook. 6th Ed. 2011
16. Levin A, and **Rozenfeld, RA**: PICU Fellow Handbook. 3rd Ed. 2011
17. **Rozenfeld, R.A.**: Atelectasis: In Kliegman RM, Stanton BF, St. Geme JW, Schor NF, and Behrman RE (editors), Nelson Textbook of Pediatrics, 19th Ed., Philadelphia, Elsevier Saunders, page 1504, 2011.
18. Malakooti, M, and **Rozenfeld, RA**: PICU Resident Handbook, 7th Ed. 2012.
19. Malakooti, M, and **Rozenfeld, RA**: PICU Fellow Handbook, 4th Ed. 2012.
20. Malakooti, M, and **Rozenfeld, RA**: PICU Resident Handbook, 8th Ed. 2013.
21. Malakooti, M, and **Rozenfeld, RA**: PICU Fellow Handbook, 5th Ed. 2013.
22. Bybee, J, and **Rozenfeld, RA**: PICU Resident Handbook, 9th Ed. 2014.
23. Bybee, J, and **Rozenfeld, RA**: PICU Fellow Handbook, 6th Ed. 2014.
24. Bybee, J, and **Rozenfeld, RA**: PICU Sub-I Handbook, 1st Ed. 2014.
25. **Rozenfeld, R.A.**: Atelectasis: In Kliegman RM, Stanton BF, St. Geme JW, and Schor NF (editors), Nelson Textbook of Pediatrics, 20th Ed., Philadelphia, Elsevier, page 2129-2130, 2015.
26. Bybee, J, and **Rozenfeld, RA**: PICU Resident Handbook, 10th Ed. 2015.
27. Bybee, J, and **Rozenfeld, RA**: PICU Fellow Handbook, 7th Ed. 2015.
28. Bybee, J, and **Rozenfeld, RA**: PICU Sub-I Handbook, 2nd Ed. 2015.
29. **Rozenfeld RA** and Harris ZL. Postoperative Management of the Child Following Liver Transplantation. In Davenport M, Heaton N, and Superina R (editors), Surgery of the Liver, Bile Ducts and Pancreas in Children, Third Edition, CRC press, page 433-439, 2017.
30. **Rozenfeld RA** and Harris ZL. Intensive Care of the Child After Liver Transplantation. In Dunn SP and Horslen S (editors), [Solid Organ Transplantation in Infants and Children](#), Springer Nature, page 191-204, 2018. 191 doi: 10.1007/978-3-319-07284-5_44
31. **Rozenfeld, R.A.** Editor, The PICU Handbook, McGraw Hill Education, 2018.

Rozenfeld

32. **Rozenfeld, R.A.** Common Formulas, Normal Values and Vital Signs. In **Rozenfeld, R.A.** Editor, The PICU Handbook, McGraw Hill Education, 2018.
33. Westley, L and **Rozenfeld, R.A.**, Pediatric Neonatal Specialty Transport Teams. In **Rozenfeld, R.A.** Editor, The PICU Handbook, McGraw Hill Education, 2018.
34. **Rozenfeld, R.A.** Endotracheal Intubation. In **Rozenfeld, R.A.** Editor, The PICU Handbook, McGraw Hill Education, 2018.
35. **Rozenfeld, R.A.** and Lestrud, S.O. Respiratory Formulas and Parameters. In **Rozenfeld, R.A.** Editor, The PICU Handbook, McGraw Hill Education, 2018.
36. **Rozenfeld, R.A.** Blood Gases and Acid-Base Disorders. In **Rozenfeld, R.A.** Editor, The PICU Handbook, McGraw Hill Education, 2018.
37. **Rozenfeld, R.A.** Cardiovascular Formulas and Parameters. In **Rozenfeld, R.A.** Editor, The PICU Handbook, McGraw Hill Education, 2018.
38. **Rozenfeld, R.A.** and Harris, Z.L. Liver Transplantation. In **Rozenfeld, R.A.** Editor, The PICU Handbook, McGraw Hill Education, 2018.
39. **Rozenfeld, R.A.:** Atelectasis: In Kliegman RM and St. Geme JW (editors), Nelson Textbook of Pediatrics, 21st Ed., Philadelphia, Elsevier, page 2315-2316, 2019
40. **Rozenfeld, R.A.:** Atelectasis: In Kliegman RM and St. Geme JW (editors), Nelson Textbook of Pediatrics, 22nd Ed., Philadelphia, Elsevier, 2023, in press.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Rozenfeld, R.A.**, Carbon Monoxide Poisoning in Children, Response Time, April 1995
2. Crawshaw, J. Critical Care Plus Editor. Intra-Hospital Patient Transport. Interviewed for an article, "Intra-Hospital Patient Transport Fraught with Difficulties: Global Monitoring and Clear Communication Make Positive Difference." Critical Care Alert, Vol.10, No. 9, page 105, December 2002.

ABSTRACTS

1. **Rozenfeld, R.A.**, R. Schlichtig, S.A. Bowles, P.L. Rogers. Brain Produces Metabolic Acid During Shock. Am. Rev. Resp. Dis., 147:4,2;A618; 1993.
2. **Rozenfeld, R.A.**, R. Schlichtig, S.A. Bowles, P.L. Rogers. Brain Produces Metabolic Acid During Shock. Pediatric Research, 33:4,2;40A; 1993.
3. **Rozenfeld, R.A.**, T.I. Tonnessen, M. Dishart, R. Schlichtig. Detection of Intestinal Dysoxia by PCO₂. FASEB J., 8:5;A863; 1994.

4. Tonnessen, T.I., M. Dishart, **R.A. Rozenfeld**, T. Gayowski, R. Schlichtig. Measurement of pCO₂ at the surface of the liver for detection of ischemia. *FASEB J.*, 8:5;A863; 1994.
5. Dishart, M., T.I. Tonnessen, **R. Rozenfeld**, T. Gayowski, R. Schlichtig. Detecting Dysoxia in Pig Liver by Redox State. *FASEB J.*, 8:5;A863; 1994.
6. **Rozenfeld, R.A.**, T.I. Tonnessen, M. Dishart, R. Schlichtig. Detecting Intestinal Dysoxia with a PCO₂ Electrode. *Pediatric Research*, 35:4,2;57A; 1994.
7. **Rozenfeld, R.A.**, T.I. Tonnessen, M. Dishart, R. Schlichtig. Detecting Intestinal Dysoxia with a PCO₂ Electrode. *Am. J. Resp. Crit. Care Med.*, 149:4,2;A414; 1994.
8. Tonnessen, T.I., M. Dishart, **R.A. Rozenfeld**, R. Schlichtig. Measurement of pCO₂ at the surface of the liver for detection of ischemia. International Resuscitation Research Conference 1994, CPR 6.11, 1994.
9. Tonnessen, T.I., M. Dishart, **R.A. Rozenfeld**, R. Schlichtig. Measurement of PCO₂ at the surface of the liver for detection of ischemia. *Anesthesiology*, 81:3A;A329; 1994.
10. Dishart, M., T.I. Tonnessen, **R. Rozenfeld**, R. Schlichtig. Hepatic venous ketone ratio mirrors ATP concentration in a porcine model of hepatic flow stagnation. *Anesthesiology*, 81:3A;A284; 1994.
11. **Rozenfeld, R.A.**, X.D. Tan, X.W. Qu, H. Chang, W. Hsueh. Effect of Antioxidants on PAF (Platelet Activating Factor)-Induced Group II Phospholipase A₂ (PLA₂-II) Activation in the Small Intestine. *FASEB J.*, 9:3;A125; 1995.
12. **Rozenfeld, R.A.**, X.D. Tan, X.W. Qu, W. Hsueh. Allopurinol Inhibits PAF (Platelet Activating Factor)-Induced Activation of Group II Phospholipase A₂ (PLA₂-II) in the Small Intestine. *Pediatric Research*, 37:4,2;53A; 1995.
13. **Rozenfeld, R.A.**, X.D. Tan, W. Hsueh. The Role of Leukocyte Endothelial Interactions on PAF (Platelet Activating Factor)-Induced Group II Phospholipase A₂ (PLA₂-II) Activation in the Small Intestine. *Pediatric Research*, 39:4,2;53A, 1996.
14. **Rozenfeld, R.A.**, X.D. Tan, X.W. Qu, W. Huang, W. Hsueh. The Role of Leukocyte Adhesion in PAF-Induced Type II Phospholipase A₂ (PLA₂-II) Activation in the Small Intestine. *FASEB J.*, 10:6;A1430, 1996.
15. Sun, X-M., **R.A. Rozenfeld**, X-W Qu, W. Huang, W. Hsueh. Blocking Selectins in ICAM-1 Gene Targeted Mice Prevents PAF-Induced Shock, Intestinal Injury and Death. *FASEB J.*, 10:6;A1430, 1996.
16. **Rozenfeld, R.A.**, W. Huang, W. Hsueh. The Role of Gut Bacteria in PAF-Induced Type II Phospholipase A₂ (PLA₂-II) Activation in the Small Intestine. *FASEB J.*, 11:3;A332, 1997.

17. Qu, X.W., **R.A. Rozenfeld**, W. Huang, W. Hsueh. PAF Induces Xanthine Dehydrogenase (XD) Conversion to Xanthine Oxidase (XO) in Rat Intestine. Relevance for Intestinal Necrosis. *FASEB J.*, 11:3;A331, 1997.
18. **Rozenfeld, R.A.**, W. Huang, X. Qu, W. Hsueh. Interaction of Nitric Oxide with Secretory Phospholipase A2 (SPLA2) in LPS-Induced Intestinal Injury. *FASEB J.*, 12:4, A486, 1998.
19. Qu, X.W., H. Wang, **R.A. Rozenfeld**, W. Huang, W. Hsueh. Type I Nitric Oxide Synthase (nNOS) is the Predominant Constitutive NOS (cNOS) in Rat Small Intestine: Effect of PAF. *FASEB J.*, 12:4, A487, 1998.
20. **Rozenfeld, R.A.**, W. Huang, W. Hsueh. The Role of Intestinal Flora in PAF-Induced Group II Phospholipase A2 (PLA2-II) Activation in the Small Intestine. *Am. J. Respir Crit Care Med.* 157:3, A550, 1998.
21. **Rozenfeld, R.A.**, X-W. Qu, W. Huang, W. Hsueh. The Effects of Nitric Oxide Synthase (NOS) Inhibitors and Nitric Oxide (NO) Donors on Endotoxin (LPS)-Induced Shock and Intestinal Injury. *Pediatric Research*, 43:4;2, 42A, 1998.
22. **Rozenfeld, R.A.**, W. Huang, W. Hsueh. Effects of Antibiotics and Germ-Free Environment on Endotoxin (LPS)-Induced Injury and on Intestinal Group II Phospholipase A2 (PLA2-II) Activity. *FASEB J.*, 13:5, A841 1999.
23. Qu, X-W., H. Wang, **R.A. Rozenfeld**, W. Huang, W. Hsueh. Neuronal Nitric Oxide Synthase (nNOS) Down-regulates NF-KappaB Activity and the Expression of Inducible NOS (iNOS) in Rat Small Intestine. *FASEB J.*, 13:4, A196, 1999.
24. **Rozenfeld, R.A.**, W. Huang, W. Hsueh. The Role of Intestinal Flora in Endotoxin (LPS)-Induced Gut Injury and Group II Phospholipase A2 (PLA2-II) Activation in the Small Intestine. *Pediatric Research*, 45:4;2, 45A, 1999.
25. Qu, X-W., H. Wang, **R.A. Rozenfeld**, W. Huang, W. Hsueh. Endotoxin suppresses neuronal nitric oxide synthase (nNOS) in rat small intestine: the role of platelet-activating factor (PAF). *FASEB J.*, 14:4, A193, 2000.
26. **Rozenfeld, R.A.**, W. Huang, W. Hsueh. Effects of antibiotics and germ free environment on intestinal injury, lethality and intestinal group II phospholipase A₂ (PLA₂-II) in shock states. *Pediatric Critical Care Medicine*, 1:1, S55, 2000.
27. **Rozenfeld, R.A.**, X. Liu, W. Hsueh. Effect of Allopurinol on PAF (Platelet Activating Factor)-Induced Group II Phospholipase A2 Activation and Myeloperoxidase (MPO) Activity in Rat Small Intestine. *FASEB J.*, 15:4, A241, 2001.
28. Qu, X-W, H Wang, **R.A. Rozenfeld**, J Chen, W. Hsueh. Inhibition of neuronal nitric oxide synthase (nNOS) reduces blood flow and induces NF-kappa B activation and inducible NOS (iNOS) gene expression in rat small intestine. *FASEB J.*, 15:4, A244, 2001.

29. Wang, H., X-W Qu, **R.A. Rozenfeld**, W. Hsueh. Pretreatment with SN50, a NF-KB blocking peptide, reduces PAF-induced intestinal injury in mice. *FASEB J.*, 15:5, A935, 2001.
30. **Rozenfeld, R.A.**, X. Liu, W. Hsueh. The Effect of Germ Free Environment on LPS Induced Neutrophil Sequestration in Rat Small Intestine and its Relationship to Group II Phospholipase A2 Activation. *Pediatric Research*, 49:4;2, 44A, 2001.
31. **Rozenfeld, R.A.**, X. Liu, W. Hsueh. The effect of ischemia/reperfusion on group II phospholipase A2 (PLA2-II) activation and myeloperoxidase (MPO) activity in rat small intestine. *FASEB J.*, 16:5, A790, 2002.
32. **Rozenfeld, R.A.**, X. Liu, W. Hsueh. The Effect of Germ-Free Environment on Intestinal Injury, Group II Phospholipase A2 (PLA2-II) Activation and Neutrophil Sequestration Induced by Ischemia/Reperfusion. *Pediatric Research*, 51:4;2, 46A, 2002.
33. **Rozenfeld, R.A.**, X. Liu, W. Hsueh. The effect of germ free (GF) environment and recolonization on ischemia/reperfusion (I/R) induced intestinal injury. *FASEB J.* 17:5, A964, 2003.
34. **Rozenfeld, R.A.**, X. Liu, W. Hsueh. Germ-free (GF) Environment Protects Ischemia/reperfusion (I/R)-induced Intestinal Injury in the Rat. Effect of Recolonization. *Pediatric Research*, 53:4(2),348A 2003.
35. **Rozenfeld, R.A.**, X. Liu, W. Hsueh. The Beneficial Effects of Germ-Free (GF) Environment in Ischemia/Reperfusion (I/R)-Induced Intestinal Injury in the Rat. *Pediatric Critical Care Medicine*, 4:3, A37, 2003.
36. **Rozenfeld, R.A.**, X. Liu, W. Hsueh. The Effect of PAF Antagonists and PLA2-II Inhibitors on Ischemia/Reperfusion (I/R)-Induced Gut Injury. *Pediatric Research*, 55:4(2),61A 2004.
37. Coates, BM, Chaize RL, **Rozenfeld RA**. Comparison of Non-invasive Capnometry with Arterial PCO₂ or Transcutaneous CO₂ in infants in the PICU. (Presented at the American Academy of Pediatrics National Conference and Exhibition meeting, October 12, 2008, Boston, MA, oral presentation, best fellow abstract award, Section on Critical Care)
38. Coates BM, Chaize RL, **Rozenfeld RA**. Non-invasive capnometry compared with arterial PCO₂ and/or transcutaneous CO₂ in infants. *Critical Care Medicine* 36:12 (Suppl), A131, 2008.
39. Holl J, Hamman W, Eppich W, Woods D, **Rozenfeld R**, Ross O, Torricelli A. Assessing and improving team performance through in-situ simulation. Proceedings of the Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions, 2010; Miami, Florida.
40. Holl J, Hamman W, Eppich W, Woods D, **Rozenfeld R**, Ross O, Torricelli A. Risk-Informed In-Situ Simulations for Pediatric Emergency Transfers. Poster presented at: 12th Annual National Patient Safety Foundation Patient Safety Congress, 2010; Orlando, Florida.

Rozenfeld

41. **Rozenfeld RA**, Woods DM, Reynolds S, Kelleher M, Leonardi, PM, Jovanovic B. Patterns of pediatric emergency transports to an urban pediatric medical center. AcademyHealth Child Health Services Research Meeting June 26, 2010.
42. **Rozenfeld RA**, Woods DM, Reynolds S, Kelleher M, Leonardi, PM, Jovanovic B. Reasons for Critical Care Inter-facility Transports of Neonatal and Pediatric Patients to a Tertiary Care Academic Children's Hospital. AcademyHealth Annual Research Meeting, Boston, MA, June 27, 2010.
43. Barley WC, Treem JW, Leonardi PM, **Rozenfeld RA**, Kelleher MD, Woods DM. The Role of Interpersonal and Organizational Trust in Emergency Pediatric Transfers. AcademyHealth Annual Research Meeting June 28, 2010.
44. Holl J, Torricelli A, Hamman W, Eppich W, Woods D, **Rozenfeld R**, Ross O. Assessing care coordination and improving team performance through in-situ simulation. Poster presented at: AcademyHealth Child Health Services Research Meeting, 2010; Boston, Massachusetts.
45. Holl J, Hamman W, Eppich W, Woods D, **Rozenfeld R**, Ross O, Torricelli A. Assessing and Improving Pediatric Patient Safety and Quality of Care with In-Situ Simulation. Poster presented at: Agency for Healthcare Research and Quality Annual Meeting, 2010; Bethesda, Maryland.
46. Woods DM, Holl JL, **Rozenfeld RA**, Reynolds S, Kelleher M. Developing a Standardized Set of Elements for Effective Communication in Pediatric Emergency Transfers. American Academy of Pediatrics National Conference and Exhibition meeting, October 3, 2010, San Francisco, CA.
47. LaRusso C, **Rozenfeld, RA**. Cells R Us: Pediatric Hematology and Oncology Emergencies, Air Medical Transport Conference, Fort Lauderdale, FL, October 11, 2010.
48. Holl J, Eppich W, D Woods, **R Rozenfeld**, W Hamman, O Ross, A Torricelli, D Angst, D Vickers, S Echiverri, D Soglin. Assessing and improving team performance through in-situ simulation. Poster presented at: Annual International Science of Team Science (SciTS) Conference, 2011; Chicago, Illinois.
49. Holl J, Eppich W, Woods D, **Rozenfeld R**, Hamman W, Ross O, Torricelli A. Assessing and Improving Pediatric Patient Safety and Quality of Care through In-Situ Simulation. Proceedings of the Joint Commission Annual Conference, 2011; Chicago, Illinois.
50. **Rozenfeld, RA**, Jovanovic B, Peng J, Gilmore C, Woods D. Are we looking at the same child? Assessment and communication challenges in pediatric inter-facility transfers. Podium presentation at AcademyHealth Child Health Services Research Meeting, 2011, Seattle, Washington.
51. **Rozenfeld, RA**, Jovanovic B, Peng J, Gilmore C, Woods D. Are we looking at the same child? Assessment and communication challenges in pediatric inter-facility transfers. Poster presentation at AcademyHealth Annual Research meeting, 2011, Seattle, Washington.
52. Holl J, Torricelli A, Eppich W, Woods D, **Rozenfeld R**, Hamman W, Ross O. Measuring and

Rozenfeld

improving healthcare team performance through in-situ simulation during pediatric emergency transfers. Poster presented at: AcademyHealth Annual Research Meeting, 2011; Seattle, Washington.

53. Holl J, Eppich W, Woods D, **Rozenfeld R**, Hamman W, Ross O, Torricelli A. Measuring and improving healthcare team performance through in-situ simulation during pediatric emergency transfers. Poster presented at: AcademyHealth Child Health Services Research Meeting, 2011; Seattle, Washington.

54. Woods D, Holl J, Eppich W, **Rozenfeld R**, Hamman W, Ross O, Torricelli A. Negotiating Leadership in Medical Teams – Observations from Pediatric In-Situ Simulations. Poster presented at: AcademyHealth Child Health Services Research Meeting, 2011; Seattle, Washington.

55. **Rozenfeld, RA**, Jovanovic B, Peng J, Gilmore C, Woods D. Assessment and communication challenges in pediatric inter-facility transfers. American Academy of Pediatrics National Conference and Exhibition meeting, October 16, 2011, Boston, Massachusetts.

56. J Holl, W Eppich, A Torricelli, **R Rozenfeld**, W Hamman, O Ross, N Seivert, D Woods. In situ simulation: Measuring and improving communication and team performance. Poster presented at: Agency for Healthcare Research and Quality Annual Meeting, 2011; Bethesda, Maryland.

57. A Torricelli, O Ross, N Seivert, W Eppich, D Woods, **R Rozenfeld**, JL Holl. Raising the Bar: Enhancing the fidelity of in-situ simulation in a collaborative, multi-institutional team training project. Poster presented at: 8th Annual Simulation Technology in Healthcare Professions Education Conference (2011); Northwestern University, Chicago, Illinois.

58. J Holl, W Eppich, A Torricelli, **R Rozenfeld**, W Hamman, O Ross, N Seivert, D Woods. In-situ simulation: Measuring and improving communication and team performance. Poster presented at: 4th International Pediatric Simulation Symposia and Workshops (IPSSW), 2011; Toulouse, France.

59. A Torricelli, O Ross, N Seivert, W Eppich, D Woods, **R Rozenfeld**, JL Holl. Raising the Bar: Enhancing the fidelity of in-situ simulation in a collaborative, multi-institutional team training project. Poster presented at: 4th International Pediatric Simulation Symposia and Workshops (IPSSW), 2011; Toulouse, France.

60. A Torricelli, O Ross, N Seivert, W Eppich, D Woods, **R Rozenfeld**, JL Holl. Raising the Bar: Enhancing the fidelity of in-situ simulation in a collaborative, multi-institutional team training project. Proceedings of the SSH-NLN Interprofessional Education and Healthcare Simulation Symposium, 2012; San Diego, California.

61. J Holl, W Eppich, A Torricelli, N Seivert, **R Rozenfeld**, O Ross, D Angst, D Vickers, S Echiverri, D Soglin, D Woods. Bridging the performance gap through in-situ simulation: An innovative method for team training. Poster presented at: Annual International Science of Team Science (SciTS) Conference, 2012; Chicago, Illinois.

62. J Holl, W Eppich, A Torricelli, N Seivert, **R Rozenfeld**, O Ross, D Woods. Improving

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Communication and Team Performance Using Risk Informed In-Situ Simulation. Poster presented at: National Patient Safety Foundation 14th Annual Patient Safety Congress, 2012; Washington, DC.

63. J Holl, W Eppich, A Torricelli, **R Rozenfeld**, N Seivert, D Woods. Bridging the performance gap through in-situ simulation: an innovative, collaborative method for team training to improve patient safety and quality of care. Poster presented at: Association of American Medical Colleges Integrating Quality Meeting, 2012; Chicago, IL.

64. D Woods, J Holl, W Eppich, **R Rozenfeld**, W Hamman, O Ross, N Seivert, A Torricelli. Negotiating Physician Leadership in Academic Teaching Facilities – Learning through In-Situ Simulations. Poster presented at Association of American Medical Colleges Integrating Quality Meeting, 2012; Chicago, IL.

65. J Holl, W Eppich, A Torricelli, N Seivert, **R Rozenfeld**, O Ross, D Angst, D Vickers, S Echiverri, D Soglin, D Woods. Bridging the performance gap through in-situ simulation. An innovative method for team training. Poster presented at Academy Health 2012 Annual Research Meeting; Orlando, FL.

66. LaRusso C, **Rozenfeld, RA**. Tumors, Ticks and Time bombs: Pediatric Neurologic Emergencies. Air Medical Transport Conference, Seattle WA, October 23, 2012

67. Gomez M, **Rozenfeld, R**. Transport of a Large Freestanding Children's Hospital 3.5 Miles to a New Hospital. American Academy of Pediatrics National Conference and Exhibition, New Orleans, LA, October 21, 2012.

68. J Holl, W Eppich, A Nannicelli, **R Rozenfeld**, N Seivert, O Ross, D Woods. Improving Communication and Team Performance through Risk Informed In-Situ Simulation. Proceedings of the International Meeting on Simulation in Healthcare (IMSH), 2013, Orlando, FL.

69. Byron D, Gomez M, **Rozenfeld, R**. Simulation as a tool to prepare for an ECMO Patient Move as part of a Large Pediatric Hospital Evacuation. 29th Annual CNMC Symposium ECMO & the Advanced Therapies for Respiratory Failure. Keystone, CO, February 26, 2013

70. Mickells G, Goodman D, **Rozenfeld RA**. Education of Pediatric Subspecialty Fellows in Transport Medicine: A Needs Assessment. American Academy of Pediatrics National Conference and Exhibition, San Diego, CA, October 12, 2014.

71. Westley L, **Rozenfeld RA**. Decreasing the Use of Lights and Sirens in an Urban Environment: A Quality Improvement Initiative. American Academy of Pediatrics National Conference and Exhibition, San Diego, CA, October 12, 2014, oral presentation, Allied Health Professional Best Paper Award, Section on Transport Medicine.

72. Westley L, Piszczek M, **Rozenfeld RA**. A Multidisciplinary Approach to Airway Competency Validation. American Academy of Pediatrics National Conference and Exhibition, San Francisco, CA, October 23, 2016. Pediatrics January 2018, 141 (1 MeetingAbstract) 721; DOI: https://doi.org/10.1542/peds.141.1_MeetingAbstract.721

73. Monteagudo J, **Rozenfeld, R**, Kurkchubasche, A. Cannulation Options in Pediatric RSV Pneumonitis Complicated by Heart Failure. 34th Annual Children's National Symposium: ECMO and the Advanced Therapies for Respiratory Failure. Keystone, CO, February 26, 2018.
74. Nickerson JA, Decerbo PC, Duffy SJ, **Rozenfeld RA**. Education Strategies: Community Hospital Staff Education on Sepsis Recognition. IPSO Workshop, Dallas, TX, December 13, 2019.
75. Ogueri V, Mellor J, Muralidhar N, **Rozenfeld R**. Acute Cardiac Failure and Hypereosinophilic Myocarditis Secondary To New-Onset Pediatric ALL. *Critical Care Medicine* 48:1 (Suppl), A87, 2020 doi:10.1097/01.ccm.0000619192.13277.84.
76. Schmidt CD, Thompson AN, Welsh SS, **Rozenfeld RA**. Use of transport illness severity scores to predict risk of clinical deterioration in transported patients. American Academy of Pediatrics National Conference and Exhibition, Virtual Conference, October 4, 2020, oral presentation, Best Paper Award Trainee, Section on Transport Medicine. *Pediatrics* March 2021, 147 (3 Meeting Abstract) 1019-1020; DOI: https://doi.org/10.1542/peds.147.3_MeetingAbstract.1019
77. Schmidt CD, Thompson AN, Welsh SS, Simas DM, Carreiro PE, **Rozenfeld RA**. Utilizing transport illness severity scores to predict clinical deterioration in pediatric patients. Department of Pediatrics, Hasbro Children's Hospital, Research Scholarship Day, Virtual Conference, October 20, 2020, oral presentation.
78. Silberman A, **Rozenfeld RA**, Kessler, D. Core Components of a Pediatric Critical Care Transport Communication Curriculum; A Modified Delphi. Presented at the Society of Critical Care Medicine Virtual Critical Care Congress, January 2021
79. Good R, Zurca A, Czaja A, **Rozenfeld RA**, Tchamtchi M, Turner D, Krennerich E, Petrillo T, Watson C, Bjorklund A, Schuette J, Sasser W. Out of Sight: Transport Medical Control Education in Pediatric Critical Care Medicine Fellowship. Presentation at the Society of Critical Care Medicine Virtual Critical Care Congress, January 2021
80. Schmidt CD, Thompson AN, Welsh SS, Simas DM, Carreiro PE, **Rozenfeld RA**. Predicting Clinical Deterioration in Pediatric Patients with Transport Illness Severity Scores. Presented at the Society of Critical Care Medicine Virtual Critical Care Congress, January 2021. *Critical Care Medicine*. Jan 2021. 49(1):524 DOI:[10.1097/01.ccm.0000730080.47390.ad](https://doi.org/10.1097/01.ccm.0000730080.47390.ad)
81. Silberman A, **Rozenfeld RA**, Kessler, D. Essential Components of a Pediatric Critical Care Transport Communication Curriculum. Presented at the Pediatric Academic Societies Virtual Meeting, May 2021
82. **Rozenfeld RA**, Noje C. Pediatric Transport Medicine Publication Rates following Abstract Presentations 2011-2020: What Predicts Publication Success. Presented at the WIFPICCS Virtual Conference e-poster, Cape Town, South Africa, July 2022. November 2022 [Pediatric Critical Care Medicine](https://doi.org/10.1097/01.pcc.0000901820.37979.7b) 23(Supplement 1 11S) DOI:[10.1097/01.pcc.0000901820.37979.7b](https://doi.org/10.1097/01.pcc.0000901820.37979.7b)

83. **Rozenfeld RA**, Noje C. Fate of American Academy of Pediatrics Section on Transport Medicine Presented Abstracts 2011-2020: What Predicts Publication Success? Presented at American Academy of Pediatrics National Conference and Exhibition, Section on Transport Medicine Scientific Session, Oral Presentation with an accompanying virtual poster, Anaheim, CA, October 9, 2022. Won the C. Robert Chambliss Best Paper Award.

84. Noje C, **Rozenfeld RA**. Neonatal-pediatric Transport Literature Review: What's New in the Past Decade? American Academy of Pediatrics National Conference and Exhibition, Section on Transport Medicine Scientific Session, Oral Presentation with an accompanying virtual poster, October 9, 2022.

85. Alcorta C, Schmidt C, **Rozenfeld RA**. Adrenal Crisis in young woman with Lupus and incidental nonocclusive IVC thrombus. Presented at Department of Pediatrics Scholarship Day, October 24, 2022.

86. **Rozenfeld RA**, Noje C. Fate of American Academy of Pediatrics Section on Transport Medicine Presented Abstracts 2011-2020: What Predicts Publication Success? Presented at Department of Pediatrics Scholarship Day, October 24, 2022.

87. **Ranna A. Rozenfeld**, Ingrid M. Anderson, Grace M. Arteaga, Patricia Carreiro, Stephen Gleich, Erin Hulfish, Snimarjot Kaur, Christopher Kennedy, Lauren Maloney, Arushi Manga, Devin McKissic, Erin Montgomery, Kellie Pearson, Daniel J. Scherzer, Rachel Umoren, Jessica Wall, Robyn Wing, Kamal Abulebda. Pediatric Critical Care Transport Teams Performance Across a National Cohort; Multi-center, In situ, Simulation-Based Study. Presented at the Pediatric Academic Societies Meeting, Washington, DC, April 28, 2023.

88. Erin Montgomery, **Ranna Rozenfeld**, Ingrid Anderson, Wendy VanIttersum, Mark Adler, Vishal Naik, Grace Arteaga, Chris Kennedy, Daniel Scherzer, Rachel Umoren, Erin Hulfish, Arushi Manga, Callie Searly, Anna McCormick, Devin McKissic, Jessica Walls, Robyn Wing, Snimarjot Kaur, Kellie Pearson, Marc Auerbach, Kamal Abulebda. Pediatric Critical Care Transport Teams Performance Across a National Cohort; Multi-center, In situ, Simulation-Based Study. Presented at the IPSSW (International Pediatric Simulation Society) Meeting, May 17, 2023, Lisbon, Portugal.

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

PEER-REVIEWED

1. **AAP Section on Transport Medicine Executive Committee**. Frequently Asked Questions: Interfacility Transport of the Critically Ill Neonatal or Pediatric Patient with Suspected or Confirmed COVID-19. American Academy of Pediatrics COVID-19 Interim Guidance. <https://www.aap.org/covid-19>, published February 11, 2021, updated April 29, 2021.
2. Ogueri VN, Agarwal S, **Rozenfeld RA**. Acute Myocardial Dysfunction and Hypereosinophilic Infiltrative Myocarditis Secondary to New-Onset Pediatric Acute Lymphoblastic Leukemia (JACC: Case Reports July 2021), CME/MOC/ECME. Created CME questions and answers

that were peer-reviewed by CME editor at JACC.

<https://learn.acc.org/Public/Catalog/Details.aspx?id=if79infiz0kLT6GK3PhCaQ%3d%3d&returnurl=%2fUsers%2fUserOnlineCourse.aspx%3fLearningActivityID%3dif79infiz0kLT6GK3PhCaQ%253d%253d>

NON-PEER-REVIEWED

1. CO - The Silent Killer. PBS documentary. Aired January, February and March 1996, WTTW, Channel 11, Chicago.
2. Carbon Monoxide Poisoning. Interviewed for a piece on CLTV, Chicago, and Aired April 12, 1996.
3. “Children’s Memorial Hospital – and its little patients – plan a very delicate move.” Interviewed for an article in Crain’s Chicago Business, May 23, 2011.
4. Interviewed for a piece on WGN News Health Watch on the hospital move preparations. June 10, 2011.
5. “For hospital’s move, prep, patients key.” Interviewed for an article in the Chicago Tribune, February 20, 2012.
6. Interviewed by ABC News on the upcoming move from Children’s Memorial Hospital to Ann & Robert H. Lurie Children’s Hospital of Chicago, June 4, 2012.
7. “Safe move to new hospital completes long journey.” Ferenc, J. Health Facilities Management, page 5, July 2012.
8. Waxer, C. (2013). Life or death: Comprehensive risk management enables a project team to move more than 100 critically ill children across a bustling city safe and sound. *PM Network (Project Management Institute)*, 27(2), 42–47, February 2013.
9. In Touch with Research: Featured in a special issue of the Stanley Manne Children’s Research Institute Newsletter, 2014.
10. Interviewed for a blog post on “Pediatric Patient Satisfaction in the NICU and PICU” <http://mcgrawhillprofessionalblog.com/patient-satisfaction-nicu-picu-1apd/>, February 15, 2017
11. Carbon Monoxide Poisoning. Interviewed for a piece on Channel 10 News, Providence, RI, Aired December 19, 2017.
12. Carbon Monoxide: Colorless, Odorless, Deadly, Lifespan Blog February 15, 2018. <https://www.lifespan.org/news-events/lifespan-blog/carbon-monoxide-colorless-odorless-deadly>
13. Hasbro Sepsis Initiative: Interviewed by NBC 10, April 25, 2019. <https://turnto10.com/features/health-landing-page/health-check-kids/health-check-kids-hasbro-implements-new-sepsis-protocols>
14. Hasbro Sepsis Initiative: Interviewed by ABC 6, April 29, 2019. <http://my.tvey.es/Yg92N>
15. Pediatric Respiratory Illnesses. Webinar. American Academy of Pediatrics, Section on Transport Medicine. Recorded December 2021. Accessible on AAP website for SOTM members.

INVITED PRESENTATIONS

National Presentations

1. The Effects of Carbon Monoxide on Infants and Children. National Safe Kids Campaign Carbon Monoxide Symposium with Medical and Safety Groups, Washington, D.C., December 7, 1995.
2. The Health Effects of Carbon Monoxide on Infants and Children. U.S. Consumer Product Safety Commission, Washington, D.C., Carbon Monoxide Detector Public Hearing, February 21, 1996.
3. The role of gut flora on intestinal group II phospholipase A₂ activity, intestinal injury and lethality in shock. Society of Critical Care Medicine (SCCM), San Francisco, CA, February 11, 2001.
4. Risk Assessment for Transport Teams. Plenary Session, American Academy of Pediatrics, National Conference and & Exhibition, Atlanta, GA, October 8, 2006.
5. Transport Team Liability. Plenary Session, American Academy of Pediatrics, National Conference and & Exhibition, Atlanta, GA, October 8, 2006.
6. Elements of a Systems-Oriented Morbidity and Mortality Conference. Pediatric Academic Societies Meeting, Vancouver, BC, May 3, 2014.
7. Transforming the Morbidity and Mortality Conference into a Powerful Tool for Improving Safety and Quality. Workshop. Pediatric Academic Societies Meeting. Vancouver, BC, May 3, 2014.
8. The Building Blocks of an Effective Transport Team: Starting from Scratch. American Academy of Pediatrics, National Conference and & Exhibition, Course on Neonatal and Pediatric Critical Care Transport Medicine, Anaheim, CA, October 10, 2022
9. Role of the Transport Program Medical Director. American Academy of Pediatrics, National Conference and & Exhibition, Course on Neonatal and Pediatric Critical Care Transport Medicine, Anaheim, CA, October 11, 2022

Regional Presentations

1. The Effects of Carbon Monoxide on Infants and Children. Chicago City Council Committee on Buildings, Chicago, IL. Chicago Carbon Monoxide Detector Ordinance Amendment Hearing, February 28, 1996.
2. Carbon Monoxide Poisoning. Children's Memorial Hospital, Pediatric Grand Rounds, March 29, 1996.

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3. The Regulation of Intestinal Group II Phospholipase A₂, Northwestern University Pulmonary and Critical Care Medicine Research Conference. May 24, 1999.
4. Outcome of Pediatric Arrests. Pediatric Emergencies – Where Kids Come First, Children’s Memorial Hospital Transport Team Conference, May 15, 2001.
5. Transport of the Trauma Patient. Children’s Memorial Hospital, Surgery/Trauma Grand Rounds. June 11, 2001.
6. Carbon Monoxide Poisoning. Stroger Hospital of Cook County, Pediatric Grand Rounds, April 19, 2005.
7. Autopsy Review. Children’s Memorial Hospital, Pathology Grand Rounds, September 26, 2005.
8. Autopsy Review. Children’s Memorial Hospital, Pathology Grand Rounds, December 20, 2006.
9. Autopsy: do we need one in this modern era? Children’s Memorial Hospital Pediatric Grand Rounds, August 7, 2009.
10. Autopsy Review with Clinical Correlation. Children’s Memorial Hospital Pediatric Grand Rounds, July 1, 2011.
11. Autopsy: Answering clinical questions with pathological findings? Ann & Robert H. Lurie Children’s Hospital of Chicago Pediatric Grand Rounds. June 21, 2013.
12. Transport Medicine. Northwestern Memorial Hospital Emergency Medicine Conference. July 24, 2013.
13. Pitfalls in Pediatric Critical Care. Northwestern Memorial Hospital Emergency Medicine Conference. October 14, 2015.
14. Relevance of Autopsy as a tool for clinic-pathologic correlation. Ann & Robert H. Lurie Children’s Hospital of Chicago Pediatric Grand Rounds. April 15, 2016.
15. The Educator Portfolio: A Career Carepath. Rhode Island Hospital/Hasbro Children’s Hospital February 16, 2018
16. Pediatric Airway Skills Leader, State Component of NREMT NCCP for RI EMS Professionals Course, Providence, RI March 11, 2018
17. Transport of the Pediatric Trauma Patient via EMS. Pediatric Trauma Symposium, Warwick RI, May 2, 2019.
18. Pediatric Respiratory Illnesses. Bristol North EMS Conference 2020, Plainville, MA, January 22, 2020

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19. Utilizing transport illness severity scores to predict clinical deterioration in pediatric patients. Department of Pediatrics, Hasbro Children's Hospital, Research Scholarship Day, Virtual Conference, October 20, 2020.
20. Pediatric Respiratory Illnesses in the transport environment. Cumberland EMS Conference, Cumberland, RI. January 20, 2022.
21. Pediatric Sepsis. Brown EMS Conference, Providence RI. February 23, 2022

Local Presentations

1. Multisystem Inflammatory Syndrome in Children (MIS-C) Part 1, LifePACT conference, May 22, 2020
2. Multisystem Inflammatory Syndrome in Children (MIS-C) Part 2, LifePACT conference, June 5, 2020
3. Department of Pediatrics Morbidity and Mortality Conference, Hasbro Children's Hospital. June 7, 2022.
4. Division of Pediatric Critical Care Medicine Conference, Research Update, May 22, 2023.

Conference Presentations:

1. Brain Produces Metabolic Acid During Shock. Society for Pediatric Research (SPR), Washington, D.C., May 4, 1993.
2. Brain Produces Metabolic Acid During Shock. American Thoracic Society (ATS), San Francisco, CA, May 18, 1993.
3. Detection of Intestinal Dysoxia by PCO_2 . Federation of American Societies for Experimental Biology (FASEB), Anaheim, CA, April 28, 1994.
4. Detecting Intestinal Dysoxia with a PCO_2 Electrode. Society for Pediatric Research (SPR), Seattle, WA, May 2, 1994.
5. Detecting Intestinal Dysoxia with a PCO_2 Electrode. American Thoracic Society (ATS), Boston, MA, May 23, 1994.
6. Effect of Antioxidants on PAF (Platelet Activating Factor)-Induced Group II Phospholipase A_2 (PLA_2-II) Activation in the Small Intestine. Federation of American Societies for Experimental Biology (FASEB), Atlanta, GA, April 10, 1995.
7. Allopurinol Inhibits PAF (Platelet Activating Factor)-Induced Activation of Group II Phospholipase A_2 (PLA_2-II) in the Small Intestine. Society for Pediatric Research (SPR), San Diego, CA, May 10, 1995.
8. The Role of Leukocyte Endothelial Interactions on PAF (Platelet Activating Factor)-Induced

- Group II Phospholipase A₂ (PLA₂-II) Activation in the Small Intestine. Society for Pediatric Research (SPR), Washington, D.C., May 8, 1996.
9. Blocking Selectins in ICAM-1 Gene Targeted Mice Prevents PAF-Induced Shock, Intestinal Injury and Death. American Society for Investigative Pathology, New Orleans, LA, June 4, 1996.
 10. The Role of Leukocyte Adhesion in PAF-Induced Type II Phospholipase A₂ (PLA₂-II) Activation in the Small Intestine. American Society for Investigative Pathology, New Orleans, LA, June 6, 1996.
 11. The Role of Gut Bacteria in PAF-Induced Type II Phospholipase A₂ (PLA₂-II) Activation in the Small Intestine. Experimental Biology (FASEB), New Orleans, LA, April 8, 1997.
 12. Interaction of Nitric Oxide with Secretory Phospholipase A₂ (SPLA₂) in LPS-Induced Intestinal Injury. Experimental Biology (FASEB), San Francisco, CA, April 20, 1998.
 13. The Role of Intestinal Flora in PAF-Induced Group II Phospholipase A₂ (PLA₂-II) Activation in the Small Intestine. American Thoracic Society (ATS), Chicago, IL, April 28, 1998.
 14. The Effects of Nitric Oxide Synthase (NOS) Inhibitors and Nitric Oxide (NO) Donors on Endotoxin (LPS)-Induced Shock and Intestinal Injury. Society for Pediatric Research (SPR), New Orleans, LA, May 2, 1998.
 15. Effects of Antibiotics and Germ-Free Environment on Endotoxin (LPS)-Induced Injury and on Group II Phospholipase A₂ (PLA₂-II) Activity. Experimental Biology (FASEB), Washington, DC, April 20, 1999.
 16. The Role of Intestinal Flora in Endotoxin (LPS)-Induced Gut Injury and Group II Phospholipase A₂ (PLA₂-II) Activation in the Small Intestine. Society for Pediatric Research (SPR), San Francisco, CA, May 3, 1999.
 17. Effects of antibiotics and germ free environment on intestinal injury, lethality, and intestinal group II phospholipase A₂ (PLA₂-II) in shock states. 3rd World Congress on Pediatric Intensive Care, Montreal, Canada, June 27, 2000.
 18. Effect of Allopurinol on PAF (Platelet Activating Factor)-Induced Group II Phospholipase A₂ Activation and Myeloperoxidase (MPO) Activity in Rat Small Intestine. Experimental Biology (FASEB), Orlando, FL, April 1, 2001
 19. The Effect of Germ Free Environment on LPS Induced Neutrophil Sequestration in Rat Small Intestine and its Relationship to Group II Phospholipase A₂ Activation. Society for Pediatric Research (SPR), Baltimore, MD, April 30, 2001.
 20. The effect of ischemia/reperfusion on group II phospholipase A₂ (PLA₂-II) activation and myeloperoxidase (MPO) activity in rat small intestine. Experimental Biology (FASEB), New Orleans, LA, April 23, 2002.

21. The Effect of Germ-Free Environment on Intestinal Injury, Group II Phospholipase A₂ (PLA₂-II) Activation and Neutrophil Sequestration Induced by Ischemia/Reperfusion. Society for Pediatric Research (SPR), Baltimore, MD, May 6, 2002.
22. The effect of germ free (GF) environment and recolonization on ischemia/reperfusion (I/R) induced intestinal injury. Experimental Biology, San Diego, CA, April 14, 2003.
23. Germ-free (GF) Environment Protects Ischemia/reperfusion (I/R)-induced Intestinal Injury in the Rat. Effect of Recolonization. Society for Pediatric Research (SPR), Seattle, WA, May 3, 2003.
24. The Beneficial Effects of Germ-Free (GF) Environment in Ischemia/Reperfusion (I/R)-Induced Intestinal Injury in the Rat. 4Th World Congress on Pediatric Intensive Care. Boston, MA, June 9, 2003.
25. The Effect of PAF Antagonists and PLA₂-II Inhibitors on Ischemia/Reperfusion (I/R)-Induced Gut Injury. Society for Pediatric Research (SPR), San Francisco, CA, May 4, 2004.
26. Patterns of pediatric emergency transports to an urban pediatric medical center. AcademyHealth Child Health Services Research Meeting, Boston, MA, June 26, 2010.
27. Reasons for Critical Care Inter-facility Transports of Neonatal and Pediatric Patients to a Tertiary Care Academic Children's Hospital. AcademyHealth Annual Research Meeting, Boston, MA, June 27, 2010.
28. Cells R Us: Pediatric Hematology and Oncology Emergencies, Air Medical Transport Conference, Fort Lauderdale, FL, October 11, 2010.
29. Are we looking at the same child? Assessment and communication challenges in pediatric inter-facility transfers. AcademyHealth Child Health Services Research Meeting, Seattle, Washington, June 11, 2011.
30. Are we looking at the same child? Assessment and communication challenges in pediatric inter-facility transfers. AcademyHealth Annual Research meeting, Seattle, Washington, June 12, 2011.
31. Assessment and communication challenges in pediatric inter-facility transfers. American Academy of Pediatrics National Conference and Exhibition meeting, Boston, Massachusetts, October 16, 2011.
32. Pediatric Transport Medicine Publication Rates following Abstract Presentations 2011-2020: What Predicts Publication Success. WIFPICCS Virtual Conference, Cape Town, South Africa, July 2022.
33. Fate of American Academy of Pediatrics Section on Transport Medicine Presented Abstracts 2011-2020: What Predicts Publication Success? American Academy of Pediatrics National Conference and Exhibition, Section on Transport Medicine Scientific Session, October 9, 2022.

GRANTS

1. ASCEND: ARDS in Children and ECMO initiation strategies impact on Neuro-Development
University of Michigan/NIH SUBK00014465 / 1R01HL153519-01
Site PI
2. PRoMPT BOLUS: Pragmatic Pediatric Trial of Balanced Versus Normal Saline Fluid in Sepsis Study
Children's Hospital of Philadelphia/NIH - NICHD
PICU Site PI
3. Building a Pediatric Critical Care Transport Communication Curriculum
AAP Section on Transport Medicine Research Grant
\$1000 2020-2021
Senior Mentor for Critical Care Fellow PI awardee
4. Pediatric Sepsis Education Grant
Philanthropy/Donation to Hasbro Children's Hospital for Sepsis Education
\$10,000 2019
Co-Investigator
5. Education of Pediatric Subspecialty Fellows in Transport Medicine.
2014 Air Medical Physician Association Seed Grant Research Award
\$2500. 5/1/14-10/1/16
Senior Mentor for Critical Care Fellow PI awardee
6. Risk Informed In-Situ Simulations for Pediatric Emergency Transfers.
Agency for Healthcare Research and Quality grant # 1-R18-HS017909-01 (PI: Dr. Jane Holl)
\$631,754. 9/30/08-9/29/11
Co-Investigator
7. Clinical Information Network for Safe Pediatric Emergency Transfers.
Agency for Healthcare Research and Quality grant # 1-R18-HS017912-01 (PI: Dr. Donna Woods)
\$889,903 9/30/08-7/31/12
Co-Investigator
8. Corridor of Innovation: Simulation for Improved Healthcare Outcomes, Chicago to Peoria, IL
Improving the Safety of Pediatric Inter-facility Transfers
Jump Trading Simulation and Education Center (PI: Dr. Donna Woods)
3/15/11-3/14/12 \$754,554
Co-Investigator

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9. The Regulation of Intestinal group II phospholipase A₂ in a model of intestinal ischemia reperfusion.
CMIER Seed grant
\$50,000 7/1/01-3/31/03
Principal Investigator
10. The Role of Intestinal Secretary Phospholipase A₂ in Endotoxic Shock.
Illinois Department of Public Aid
\$251,851 9/1/99-8/31/02
Principal Investigator
11. Pathogenesis of Experimental Bowel Necrosis
NIH 2RO1-DK 34574
\$704,495 4/1/97-3/30/02
Co-Investigator
12. The Regulation of Intestinal Group II Phospholipase A₂ in a Model of Endotoxin Shock.
Society of Critical Care Medicine Founder's Grant
\$40,000 7/1/99-6/30/00
Principal Investigator
13. The Regulation of Intestinal Group II Phospholipase A₂ in a Model of Necrotizing Enterocolitis.
Children's Research Foundation
\$3,000 1/1/99-12/30/99
Principal Investigator
14. Detecting Intestinal Dysoxia with a PCO₂ Electrode
Children's Hospital of Pittsburgh Research Fellowship Grant
\$14,550 July 1, 1993 - June 30, 1994
Principal Investigator
15. Detecting Liver Dysoxia with a PCO₂ Electrode
University of Pittsburgh, Department of Anesthesia and Critical Care Medicine
Seed Grant
\$8,000 July 1, 1993 - June 30, 1994
Co-Principal Investigator

CURRENT UNFUNDED RESEARCH

1. ImPACTS Critical Care Pediatric Transport Study
2. Development of a standardized Transport Medical Control curriculum for pediatric subspecialty fellows. EPIC investigator group.
3. Resident education in the PICU. EPIC investigator group.
4. SOTM Abstract to Publication rates project.
5. History of Transport Medicine research project.

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6. Improving Pediatric Sepsis Outcomes (IPSO), Children's Hospital Association.
 - a. Sepsis in Pediatric Hematology Oncology patients

UNIVERSITY TEACHING ROLES

Medical Students:

Northwestern University Feinberg School of Medicine:

Course Name: Year 4: Pediatric Critical Care Medicine (Pediatric Intensive Care Unit)

Years: 2013-2017

Number of students: 2 students/month

1. Clerkship director for a 4th year student clerkship for medical students to rotate in the PICU which includes simulation. This clerkship in the PICU fulfills the 4th year student required ICU clerkship. I developed this clerkship in 2013.

Critical Care Curriculum developed

Simulation Curriculum developed

Lecture series

Packet of critical care readings

Orientation

Evaluation

2. PICU Clerkship – 2 students/month, 4 simulations per month, 4 lectures per month

3. Medical Student Supervision and Teaching, Pediatric Intensive Care Unit - Bedside teaching of medical students during their PICU rotations. Supervision of two medical students, 25-60 contact hours per week, 12 weeks per year.

The Warren Alpert Medical School, Brown University

1. Peds Biomed 464: Pediatric Critical Care Medicine Sub-internship: Medical Student Supervision and Teaching, Pediatric Intensive Care Unit - Bedside teaching of medical students during their PICU rotations. Supervision of medical students, 25-60 contact hours per week, 6-7 weeks per year.
2. Peds 4500: Pediatric Clerkship MS3: Medical Student Supervision and Teaching, Pediatric Intensive Care Unit - Bedside teaching of medical students during their PICU rotations. Supervision of medical students, 25-60 contact hours per week, 6-7 weeks per year.
3. Transport elective for AMS MS4 students
 - Transport Curriculum developed
 - Transport Orientation

HOSPITAL TEACHING ROLES

Trainees

Ann & Robert H. Lurie Children's Hospital of Chicago and Northwestern University Feinberg School of Medicine:

67 fellows: 62 with academic appointments, 5 in private practice

A. Pediatric Residents:

Rozenfeld

Ann & Robert H. Lurie Children's Hospital of Chicago and Northwestern University Feinberg School of Medicine:

Years: 1994-2017

1. Director of critical care education for the pediatric residency program, Lurie Children's Hospital/Feinberg School of Medicine Department of Pediatrics
 - Critical Care Curriculum developed
 - Created/wrote a 100 page PICU Resident Handbook that is given to each PL-2, and is revised annually.
 - Resident Core Curriculum Lecture Series in Critical Care Medicine
 - Orientation 1x/month
2. Resident Supervision and Teaching, Pediatric Intensive Care Unit - Bedside teaching of residents during their PICU rotations. Supervision of five residents, 25-60 contact hours per week, 12 weeks per year.
3. Transport elective for pediatric residents
 - Transport Curriculum developed
 - Transport Orientation

Hasbro Children's Hospital/The Warren Alpert Medical School of Brown University:

Years: 2017-present

1. Resident Supervision and Teaching, Pediatric Intensive Care Unit - Bedside teaching of residents during their PICU rotations. Supervision of four to five residents, 25-60 contact hours per week, 6-7 weeks per year.
2. Monthly mock codes Hasbro Children's Hospital

Years: 2018-present

1. Transport elective for pediatric residents – created an elective for the pediatric residency program
 - a. Transport Curriculum developed
 - b. Transport orientation

B. Critical Care Fellows:

Ann & Robert H. Lurie Children's Hospital of Chicago and Northwestern University Feinberg School of Medicine:

Years: 1994-2017

1. Created/wrote a 100 page PICU Fellow Handbook that is given to each critical care fellow. This is revised annually.
2. Fellow Supervision and Teaching, Pediatric Intensive Care Unit - Bedside teaching of fellows during their PICU rotations. Supervision of one-two fellows, 25-60 contact hours per week, 12 weeks per year.
3. Lurie Children's Hospital, Department of Pediatrics, Division of Critical Care Medicine Fellow Core Curriculum Lecture Series and Journal Club.
4. PICU morbidity and mortality conference
 - Course director and moderator
 - Conference 2 hours/month
5. Transport required rotation for PICU fellows.
 - Transport Curriculum

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Transport orientation

C. ECMO

Classes for bedside caregivers and for ECMO specialists

Participate in orientation lecture series

Bedside teaching of critical care fellows when patient is on extracorporeal life support.

ECMO specialist training class for critical care, neonatology, and pediatric surgery fellows.

Lectures given during annual class.

D. Pediatric Advance Life Support courses

Instructor, 2-3 courses/year

PALS students include: attending physicians, pediatric and emergency medicine residents, fellows, nurses, respiratory care practitioners, and emergency medical technicians.

E. LifePACT Transport Team 2017-present

Monthly simulation training

Lectures given:

Brain Death and Organ Donation. Children's Hospital of Pittsburgh, Critical Care Medicine Conference, February 17, 1992.

Hemorrhagic Shock and Encephalopathy. Children's Hospital of Pittsburgh, Critical Care Medicine Conference, January 25, 1993.

The Dysoxic Threshold. Children's Hospital of Pittsburgh Critical Care Medicine Visiting Professor Series, August 20, 1993.

Field Priorities in Pediatric Transport. Children's Hospital of Pittsburgh, Department of Pediatrics, Resident Transport Orientation, June 16, 1993.

Heliox. Children's Memorial Hospital, National Respiratory Care Week, October 4, 1994.

Daily Patient Management: Gas Exchange and Venous Saturation Monitoring; Anticoagulation, Coagulation Studies and Blood Products. Children's Memorial Hospital, ECMO Class for Bedside Caregivers, May 16, 1996.

Pediatric ECMO. Children's Memorial Hospital, ECMO Specialist Training Class, July 15, 1998.

Cardiac ECMO. Children's Memorial Hospital, ECMO Specialist Training Class, July 16, 1998.

Pediatric ECMO. Children's Memorial Hospital, ECMO Specialist Training Class, July 21, 1999.

Physiology of Oxygen Delivery. Children's Memorial Hospital, ECMO Specialist Training Class, July 21, 1999.

Update on bronchiolitis, RSV fellowship, Children's Memorial Hospital, February 26, 2004.

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Fellow Transport Orientation, Children's Memorial Hospital, July 5, 2006.

Pediatric Critical Care Medicine Fellow Transport Orientation, Children's Memorial Hospital, July 5, 2006.

Pediatric Resident Transport Orientation, Children's Memorial Hospital, July 31, 2006.

Pediatric ECMO. Children's Memorial Hospital, ECMO Specialist Training Class, August 3, 2006.

Pediatric ECMO. Children's Memorial Hospital, PICU ECMO Class for the Bedside Caregiver, August 29, 2006.

Pediatric ECMO. Children's Memorial Hospital, PICU ECMO Class for the Bedside Caregiver, February 21, 2007.

Pediatric ECMO. Children's Memorial Hospital, ECMO Specialist Training Class, October 3, 2009.

Fellow Transport Orientation, Children's Memorial Hospital, July 2, 2010.

Pediatric Critical Care Medicine Fellow Transport Orientation, Children's Memorial Hospital, July 7, 2010.

Fellow Transport Orientation, Children's Memorial Hospital, July 5, 2011.

Pediatric Critical Care Medicine, Neonatology, and Emergency Medicine Fellow Transport Orientation, Children's Memorial Hospital, July 6, 2011.

Pediatric and Cardiac ECMO. Children's Memorial Hospital, PICU ECMO Class for the Bedside Caregiver, July 11, 2011.

Pediatric and Cardiac ECMO. Children's Memorial Hospital, PICU ECMO Class for the Bedside Caregiver, August 4, 2011.

Fellow Transport Orientation, Lurie Children's Hospital, July 2, 2012.

Critical Care Fellow (PICU, NICU, CICU, ED) Transport Orientation/Medical Control Orientation, Lurie Children's Hospital, July 2, 2012.

Pediatric ECMO, Lurie Children's Hospital, ECMO Specialist Training Class, October 4, 2012.

Pediatric Sepsis and Septic Shock, Division of Critical Care Medicine Fellow Core Curriculum Lecture Series October 24, 2012.

Fellow Transport Orientation, Lurie Children's Hospital, July 1, 2013.

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Critical Care Fellow (PICU, NICU, CICU, ED) Transport Orientation/Medical Control Orientation, Lurie Children's Hospital, July 1, 2013.

Pediatric Sepsis, Division of Critical Care Medicine Fellow Core Curriculum Lecture Series August 28, 2013.

Fellow Transport Orientation, Lurie Children's Hospital, July 1, 2014.

Critical Care Fellow (PICU, NICU, CICU, ED) Transport Orientation/Medical Control Orientation, Lurie Children's Hospital, July 1, 2014.

Management of Sepsis, Division of Critical Care Medicine Fellow Core Curriculum Lecture Series September 4, 2014

Pediatric ECMO, Lurie Children's Hospital, ECMO Specialist Training Class, November 11, 2014.

Fellow Transport Orientation, Lurie Children's Hospital, July 1, 2015.

Critical Care Fellow (PICU, NICU, CICU, ED) Transport Orientation/Medical Control Orientation, Lurie Children's Hospital, July 1, 2015.

Management of Sepsis, Division of Critical Care Medicine Fellow Core Curriculum Lecture Series September 9, 2015

Fellow Transport Orientation, Lurie Children's Hospital, July 1, 2016.

Critical Care Fellow (PICU, NICU, CICU, ED) Transport Orientation/Medical Control Orientation, Lurie Children's Hospital, July 1, 2016.

Pediatric Resident Transport Orientation, Lurie Children's Hospital, July 11, 2016.

Sepsis management guidelines, Division of Critical Care Medicine Fellow Core Curriculum Lecture Series September 7, 2016.

Fellow Transport Orientation, Lurie Children's Hospital, July 3, 2017.

Fellow Transport Orientation, Lurie Children's Hospital, July 7, 2017.

Critical Care Fellow (PICU, NICU, CICU, ED) Transport Orientation/Medical Control Orientation, Lurie Children's Hospital, July 7, 2017.

Transport Orientation, Department of Pediatrics Resident Core Curriculum Conference August 29, 2018

Sepsis, Pediatric Critical Care Medicine Conference, September 24, 2018

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Death Communication and Brain Death Exams, Pediatric Critical Care Medicine Conference, October 22, 2018

Transport Medicine Research update, December 10, 2018

Transport Orientation, Department of Pediatrics Resident Core Curriculum Conference July 3, 2019

Severe DKA, Department of Pediatrics Resident Core Curriculum Conference July 9, 2019

Emergency Preparedness, Pediatric Critical Care Nursing Orientation, November 5, 2019

Transport Orientation and Ambulance Orientation, Department of Pediatrics Resident Core Curriculum Conference July 8, 2020

Severe DKA, Department of Pediatrics Resident Core Curriculum Conference August 24, 2020

Airway Management, LifePACT transport team conference December 15, 2020

Transport Orientation and Ambulance Orientation, Department of Pediatrics Resident Core Curriculum Conference July 7, 2021

Sedation, analgesia and neuromuscular blockade, PICU Resident Core Curriculum Conference, July 8, 2021

Blood gases, PICU Resident Core Curriculum Conference, October 21, 2021

Sedation, analgesia and neuromuscular blockade, PICU Resident Core Curriculum Conference, November 2, 2021

Sepsis, Shock and vasoactive agents, PICU Resident Core Curriculum Conference, December 2, 2021

Pediatric Respiratory diseases, PICU Resident Core Curriculum Conference, January 20, 2022

Sepsis, Shock and vasoactive agents, PICU Resident Core Curriculum Conference, February 10, 2022

Asphyxial hanging injuries, PEM/PICU/LifePACT joint conference March 15, 2022.

Severe DKA, PICU Resident Core Curriculum Conference March 17, 2022

Blood gases, PICU Resident Core Curriculum Conference, April 19, 2022

Cardiovascular Diseases, LifePACT Conference, April 26, 2022

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Blood gases, PICU Resident Core Curriculum Conference, May 19, 2022

Cardiovascular Diseases, LifePACT Conference, May 24, 2022

Blood gases, PICU Resident Core Curriculum Conference, June 14, 2022

Cardiovascular Diseases, LifePACT Conference, June 21, 2022

Transport Orientation and Ambulance Orientation, Department of Pediatrics Resident Core Curriculum Conference June 22, 2022

Sedation, analgesia, and neuromuscular blockade, PICU Resident Core Curriculum Conference, July 19, 2022

Sepsis, Shock and vasoactive agents, PICU Resident Core Curriculum Conference, August 2, 2022

Severe DKA, PICU Resident Core Curriculum Conference October 13, 2022

Blood gases, PICU Resident Core Curriculum Conference, December 6, 2022

Severe DKA, PICU Resident Core Curriculum Conference January 26, 2023

Sepsis, Shock and vasoactive agents, PICU Resident Core Curriculum Conference, February 9, 2023

Severe DKA, PICU Resident Core Curriculum Conference May 11, 2023

MENTORING

Research Supervision:

| Mentee Name | Mentee Rank | Project | Years |
|----------------------|---------------------------------|---|--------------|
| Sarah Welsh, MD | PCCM faculty, HCH | Interprofessional Education Bundle as an Implementation Strategy for Resuscitation Skills | 2022 |
| Cristina Alcorta, MD | Pediatric Resident, HCH | Case Report on Adrenal Crisis in Lupus Patient | 2022 |
| Avani Ganta, MD | Pediatric Endocrine Fellow, HCH | Acute adrenal insufficiency and adrenal shock | 2021-2022 |
| Carly Schmidt MD | Pediatric Resident, HCH | LifePACT/FAST team project | 2019-2022 |
| Alexis Thompson, MD | Pediatric Resident, HCH | LifePACT/FAST team project | 2019-2022 |

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|---------------------|---|--|-----------|
| Anna Silberman, MD | PCCM Fellow, Columbia | Transport Education | 2019-2021 |
| Vanessa Ogueri, MD | Pediatric Resident, HCH | ALL and myocarditis | 2019-2021 |
| Josh Mellor, MD | Pediatric Resident, HCH | ALL and myocarditis | 2019-2021 |
| Nina Muralidhar, MD | Pediatric Resident, HCH | ALL and myocarditis | 2019-2021 |
| Geoff Mickells, MD | PCCM Fellow, Lurie Children's | PCCM Fellow Education in Transport Medicine | 2012-2015 |
| Bria Coates, MD | Pediatric Resident and then PCCM Fellow, Lurie Children's | Non-invasive capnometry compared with arterial PCO2 and/or transcutaneous CO2 in infants | 2005-2011 |
| Robin Chaize, MD | PCCM Fellow, Lurie Children's | Non-invasive capnometry compared with arterial PCO2 and/or transcutaneous CO2 in infants | 2003-2006 |

Mentoring/Advising Activities:

| Mentee Name | Mentee Rank | Project/Area of Mentorship | Years |
|-----------------------|----------------------------------|----------------------------|-----------|
| Sydney Tucker | Pediatric Resident | HCH residency advisee | 2022-2025 |
| Ryan Hurtado | PCCM Fellow Lurie Children's | Career advising | 2022-2023 |
| Sarah Welsh | PCCM Faculty HCH | Career advising | 2020-2022 |
| Pam Peterson | PCCM Faculty Texas Children's | Career advising | 2021-2022 |
| Carly Schmidt | Pediatric Resident | Career advising | 2019-2021 |
| Alexis Thompson | Pediatric Resident | Career advising | 2019-2021 |
| Vanessa Ogueri | Pediatric Resident | Career advising | 2019-2021 |
| Anna Silberman | PCCM Fellow, Columbia | Career advising | 2019-2021 |
| Aadil Kakajiwala | PCCM Fellow, Children's National | Career advising | 2019-2021 |
| Geoff Mickells, MD | PCCM Fellow, Lurie Children's | Career advising | 2012-2015 |
| Marcelo Malakooti, MD | PCCM Fellow, Lurie Children's | PICU Handbook | 2011-2013 |
| Gary Fang, MD | PCCM Fellow, Lurie Children's | Member of SOC | 2009-2012 |
| Tara Benton, MD | PCCM Fellow, Lurie Children's | Member of SOC | 2009-2012 |

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|--------------------------------|----------------------------------|---------------|-----------|
| Amanda Barrett Levin, MD | PCCM Fellow, Lurie Children's | PICU Handbook | 2008-2011 |
| Amanda Brooks Hassinger, MD | PCCM Fellow, Lurie Children's | PICU Handbook | 2008-2011 |
| Christine Vohwinkel, MD | PCCM Fellow, Lurie Children's | Member of SOC | 2007-2010 |
| Danielle DeCoursey, MD | PCCM Fellow, Lurie Children's | PICU Handbook | 2005-2008 |