

CURRICULUM VITAE

Folafoluwa Olutobi ODETOLA, MB ChB, MPH

Associate Professor of Pediatrics

University of Michigan

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EDUCATION AND TRAINING

- 07/80-06/85 Moremi High School, Ile-Ife, Nigeria -- High School diploma.
- 09/85-06/86 College of Arts & Science, Ile-Ife, Nigeria -- Post-High School training.
- 09/86-12/92 College of Health-Sciences, Obafemi Awolowo University, Ile-Ife, Nigeria -- MB.CHB Degree.
- 01/93-01/94 House Officer, Obafemi Awolowo University Teaching Hospital complex, Ilesha, Nigeria.
- 02/94-06/95 Studied for USMLE, traveled to the United States, and took the examinations.
- 06/95-06/98 Pediatric Residency, Children's Hospital of New Jersey at Newark Beth Israel Medical Center.
- 07/98-06/01 Pediatric Critical Care Medicine Fellowship, University of Michigan Medical Center.
- 07/01-06/03 Robert Wood Johnson Fellowship, University of North Carolina at Chapel Hill.
- 07/01-08/04 University of North Carolina at Chapel Hill – Master of Public Health Degree.
- 07/03-06/05 Fellow, Pediatrics Health Services Research Fellowship, University of Michigan.
- 09/09-12/09 Graduate level training in Operations Research Methods, School of Public Health, University of Michigan.
- 06/17 Leadership Academy, University of Michigan Medical School.
- 06/17 Mid-career Minority Faculty Leadership Seminar, Association of American Medical Colleges.
- 03/20 High Reliability Organizing Universal Skills Training

CERTIFICATION AND LICENSURE

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| 1994 | Licensed to practise in Nigeria | # FM 20911 |
| 1998 | Diplomate, American Board of Pediatrics | # 065318 |
| 1998 | Michigan State licensure | # 4301072481 |

2001	North Carolina State licensure	# 200101256
2002	Diplomate, American Board of Pediatrics, Pediatric Critical Care Medicine sub-board	# 1091
2005	Diplomate, American Board of Pediatrics, General Pediatrics	Recertification
2012	Diplomate, American Board of Pediatrics, Pediatric Critical Care Medicine sub-board	Recertification
2015	Diplomate, American Board of Pediatrics General Pediatrics	Recertification

ACADEMIC APPOINTMENTS

- 07/01-06/03 Clinical instructor, Department of Pediatrics, University of North Carolina Hospitals, Chapel Hill, NC.
- 07/03-08/06 Clinical instructor, Department of Pediatrics, University of Michigan.
- 07/05-Present Core Faculty, Child Health Evaluation and Research Unit, University of Michigan.
- 09/06-Present Assistant Professor, Department of Pediatrics, University of Michigan.
- 11/12-Present Member, Institute for Healthcare Policy and Innovation, University of Michigan.
- 09/15-Present Associate Professor with Tenure, Department of Pediatrics, University of Michigan.

CLINICAL APPOINTMENTS

- 07/01-06/03 Attending Staff Physician, University of North Carolina Hospitals, Chapel Hill, NC.
- 07/03-Present Attending Staff Physician, University of Michigan Health System.

CLINICAL INTERESTS

My clinical activities occur within the pediatric intensive care unit where I serve as an attending physician, providing care to critically ill and injured children.

RESEARCH INTERESTS (Please refer to my Research Portfolio)

My research work focuses on improved understanding of the structure, processes and outcomes of pediatric critical care, and how these elements interlink with quality of the care delivered to critically ill and injured children.

1. **Structure of Pediatric Critical Care Health Delivery:** Investigation of the organizational and resource factors that influence clinical practice and outcomes in the PICU.
2. **Processes of Health Care Delivery in the PICU:** Improved understanding of the human and matériel resources used within the PICU (including health technology assessment) and elucidation of any potential association with outcomes of care.
3. **Outcomes of Pediatric Critical Care:** Assessment of the end-result of the care provided in the PICU and the factors associated with such outcomes.

GRANTS & RESEARCH FUNDING

Previous

10/01/2006 - 09/30/2007	<p>5 K12 RR017607-04 NIH. Michigan Mentored Clinical Scholars Program. Transfer of Children to Level I Pediatric Intensive Care Units. \$75,000 (75% effort) Role: Principal Investigator.</p>
09/25/2007 - 08/31/2010	<p>1K23HD054526-01A1 NICHD. Transfer of Children to Level I Pediatric Intensive Care Units. \$396,900 (75% effort) The study involved in-depth investigation of the issues influencing the decision to transfer or not transfer critically ill children from Level II to Level I PICU care. Role: Principal Investigator.</p>
02/2012- 02/2016	<p>Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium – Q-METRIC (P.I. Gary Freed) AHRQ 5 U18 HS020516 The objectives of this project were to expand on existing pediatric quality measures and advance the development of new and emerging quality measures. Role: Co-investigator.</p>
<i>Active</i> 02/01/2011- Present	<p>Barwick Award- Intramural award from the Department of Pediatrics. Project Title: Variation in Hospital Outcomes and Resource Utilization among Children with Spinal Cord Injury. Role: Principal Investigator.</p>
08/2018 – 03/2021	<p>2523.II Blue Cross Blue Shield of Michigan Foundation Outcomes of Transfer to Level I Pediatric Intensive Care Units in Michigan The goal of the study is to identify the relationship between pre-transfer severity of illness, and the timing of transfer, with outcomes for children with sepsis or respiratory failure, who were transferred from Level II to Level I pediatric intensive care units in Michigan. \$ 60,000 (2% effort) Role: Principal Investigator</p>
08/08/2019 – 07/31/2021	<p>1R21HD098416-01 NICHD. Pediatric Multiple Organ Dysfunction Syndrome: Longitudinal Evaluation of Post-Hospitalization Outcomes and Resource Use \$429,000 (20% effort) The project aims to investigate the long-term outcomes, and the disease and economic burden associated with pediatric multiple organ dysfunction syndrome (MODS) by determining the</p>

overall and disease-specific health care resource use, mortality, and health care costs that accrue for up to five years after initial hospitalization with MODS.

Role: Principal Investigator.

Unfunded Applications

R 21 Grant Application to National Institute for Child Health and Human Development (submitted 02/2010).

Project Title: Outcomes for Children who Undergo Transfer to Level I Pediatric Intensive Care Units.

Role: Principal Investigator.

Priority Score: 26, at the 13th percentile.

R 01 Grant Application to National Institute for Child Health and Human Development (submitted 02/2013).

Project Title: Illness Severity and Outcomes of Transfer to Level I Pediatric Intensive Care Units.

Role: Principal Investigator.

Grant Application to the Health Resources and Services Administration (submitted 04/2013).

Project Title: Pre-Hospital Triage of Critically Injured Children: Determinants, Outcomes, and Hospital Resource Use.

R 21 Grant Application to National Institute for Child Health and Human Development (submitted 02/2016).

Project Title: Illness Severity and Outcomes of Transfer to Level I Pediatric Intensive Care Units.

Role: Principal Investigator.

HONORS AND AWARDS

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| 1985 | Academic Honors, Moremi High School, Ile-Ife, Nigeria. |
| 1991 | Certificate of Merit- <i>Journal club</i> , of the medical student's association, Obafemi Awolowo University Ile-Ife, Nigeria. |
| 1993 | Best house officer (intern), Wesley Guild Hospital, Ilesha, Nigeria. Awarded by the association of resident doctors, and the hospital management. |
| 1997 | Best second year pediatric resident, Children's Hospital of New Jersey. |
| 1998 | Resident of the year in pediatrics, Children's Hospital of New Jersey. |
| 2001-2003 | Robert Wood Johnson Clinical Scholar, University of North Carolina at Chapel Hill. |
| 2004 | Educational Scholarship abstract-based award from the Society of Critical Care Medicine. |
| 2004 | Elected as a Fellow of the American Academy of Pediatrics. |

2005	Clinical investigation/health services faculty award at the 16 th annual University of Michigan pediatric symposium.
2008	Selected a top resident teacher in the Department of Pediatrics.
2009	Selected a top resident teacher in the Department of Pediatrics.
2011	Nominee, Evan Newport award in patient-and family-centered care, University of Michigan Health System.
2011	Barwick Scholar Award for Spinal Cord Research, University of Michigan Department of Pediatrics and Communicable Diseases.
2012	Woodson Biostatistics Fund awardee, University of Michigan Department of Pediatrics and Communicable Diseases.
2012	Elected as a member of the Society for Pediatric Research.
2012	Making a difference award, University of Michigan Health System.
2014	Elected as a member of the Sub-board of pediatric critical care medicine of the American Board of Pediatrics.
2015	Continuing Medical Education/Continuing Professional Development Award from the American Academy of Pediatrics.
2015	Making a difference award, University of Michigan Health System.
2015	Nominee, Evan Newport award in patient-and family-centered care, University of Michigan Health System.
2016	Extra mile award, Department of Pediatrics, University of Michigan.
2019	Selected a top resident teacher in the Department of Pediatrics.
2021	Inducted, Fellow of the American College of Critical Care Medicine.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

1988-present	African Network for the Prevention of Child Abuse and Neglect.
1999-present	Society of Critical Care Medicine.
1999-present	Pediatric Section, Society of Critical Care Medicine
1995-present	Fellow, American Academy of Pediatrics.
2016-present	Member, Section of International Medical Graduates, American Academy of Pediatrics.
2011-present	Pediatric Trauma Society.

EDITORIAL POSITIONS, BOARDS, AND PEER REVIEW SERVICE

Member, Editorial Board, BMC Pediatrics
Member, Sub-board of pediatric critical care medicine, American Board of Pediatrics.
Reviewer, American Journal of Respiratory and Critical Care Medicine.
Reviewer, Intensive Care Medicine.
Reviewer, Canadian Medical Association Journal.
Reviewer, Critical Care Medicine.
Reviewer, Pediatrics.
Reviewer, Journal of Pediatrics.
Reviewer, Pediatric Critical Care Medicine.
Reviewer, BMC Pediatrics.
Reviewer, Hospital Pediatrics.
Reviewer, Journal of Intensive Care Medicine.
Reviewer, Journal of Critical Care.

Adhoc Reviewer, New England Journal of Medicine.
Adhoc Reviewer, Journal of the National Medical Association.
Abstract Reviewer, Pediatric Academic Societies Annual Meeting.
Abstract Reviewer, Society of Critical Care Medicine Annual Congress Meeting.

TEACHING ACTIVITIES (Please refer to my Educator's Portfolio)

Teaching Activities:

1. Lectures given monthly to resident trainees and fellow trainees during their rotation through the PICU. Titles of the lectures include:
 - a. Airway management in the PICU.
 - b. Functional outcomes of survivors of pediatric intensive care.
 - c. Oxygen transport.
 - d. Antibiotic use in the PICU.
 - e. The use of neuromuscular blocking agents in the PICU.
 - f. Biostatistics- lecture given to critical care medicine fellows and faculty.
2. Clinical and Teaching Rounds: As attending physician, I supervise and actively teach during clinical rounds in the PICU for a week every month.
3. In-patient Consultant to the Trauma-Burn intensive care unit for injured children 0-14 years.

Trainees: Mentorship and Faculty Advisor roles

Mentorship Role

Mentees, Period of Tutelage, and their Current Positions

Mien Chyi, MD	2008 – 2009	General Pediatrician, Bethel, Alaska.
Bryan Lin, MD	2008 – 2011	Anesthesiologist, Kaiser Permanente, Oregon.
Rebecca Miller, MD	2009 – 2011	Pediatric hospitalist, Spokane, Washington.
Brian Benneyworth, MD	2009 – 2012	Pediatric Intensivist, Indiana University, Indiana.
Karen Fauman, MD	2009 – 2010	Pediatric Intensivist, University of Chicago, Chicago, Illinois.
Tsovinar Sorkin (Arutyunyan), MD	2011 – 2013; 2019 – Present	Pediatric Intensivist, University of Michigan, Ann Arbor, Michigan.
Ryan Barbaro, MD	2012 – 2014	Pediatric Intensivist, University of Michigan, Ann Arbor, Michigan.

Brian Jordan, MD	2013 – 2014	Neonatologist, Oregon Health Sciences University, Portland, Oregon.
Michelle White, MD	2013 – 2016	Attending, Pediatric Hospital Medicine, Duke University, Durham, North Carolina.
Lauren Yagiela, MD	2014 – Present	Pediatric Intensivist, Children’s Hospital of Michigan, Detroit, Michigan.
Laurel Metzler, MD	2016 – 2018	Pediatric Intensivist, University of Tennessee, Memphis, Tennessee.
Zubin Modi, MD	2016 – 2018	Pediatric Nephrologist, University of Michigan, Ann Arbor, Michigan.
Meghan Harding, MD	2017 – 2020	Pediatric Intensivist, University of Illinois at Chicago, Illinois.

Advisor Role

List of those advised, Period of Advice, and their current positions

Megan Olson, MD	2010 – 2013	General Pediatrician, Michigan
Brendan Crawford, MD	2012 – 2014	Attending, Pediatric nephrology, University of Arkansas for the Medical Sciences, Little Rock, Arkansas.
Stephen Gorga, MD	2012 – 2015	Attending, Pediatric intensive care medicine, University of Michigan, Ann Arbor, Michigan.
Clinton Cochran, MD	2013 – 2016	Attending, Pediatric cardiology, Beaumont Children’s Hospital, Royal Oak, Michigan.
Julianne Wilke, MD	2014 – 2017	Fellow, Pediatric critical care medicine, University of California – San Diego.
Rohit Madani, MD	2015 – 2018	Fellow, Pediatric cardiology, Emory University, Atlanta, Georgia.
Jennifer Blase, MD	2016 – 2019	Fellow, pediatric hematology/oncology, University of Michigan, Ann Arbor, Michigan.
Aaron Schuh, MD	2017 – 2020	Chief resident in Pediatrics, University of Michigan.
Carissa Bunke, MD	2018 – Present	Resident in Pediatrics, University of Michigan.

Courtney Nugent, MD 2019 – Present, Resident in Pediatrics, University of Michigan.

Nicholas Litchin, MD 2020 – Present, Resident in Pediatrics, University of Michigan.

COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE

National

Member, Sub-board of pediatric critical care medicine, American Board of Pediatrics, 2015 – 2020.

Chair, Sub-board of pediatric critical care medicine, American Board of Pediatrics, 2019 – 2020.

Member, Credentials Committee of the Sub-board of Critical Care Medicine, American Board of Pediatrics, 2016 – Present.

Chair, Credentials Committee of the Sub-board of Critical Care Medicine, American Board of Pediatrics. 2017- 2019.

Member, Pediatric sepsis task force, Society of Critical Care Medicine, 2013 – 2019.

Member, Research Committee, Pediatric Trauma Society, 2012 – Present.

Member, Pediatric Critical Care Admission, Discharge and Triage Guideline Task Force, Society of Critical Care Medicine, 2015 – Present.

Member, PODIUM: Pediatric Organ Dysfunction Information Update Mandate, 2016 – Present.

Co-Chair, Data Analysis/Validation subgroup, PODIUM, 2016 – Present.

Member, Pediatric Critical Care Medicine practice analysis Task Force of the Sub-board of Critical Care Medicine, American Board of Pediatrics, 2017 – 2019.

Member, Accreditation & Learning Strategies Committee, Society of Critical Care Medicine, 2021 – 2024.

Content Development Expert, American Board of Pediatrics, 2021 – Present.

University

Elected member, University of Michigan Senate Assembly, September 2011 – August 2014.

Medical School

Member, Pediatric clinical research committee of the Michigan Clinical and Translation award pediatric research program, 2008 – 2011.

Member, health disparities research program of the Michigan Clinical and Translation award, 2008 – 2011.

Faculty participant, Liaison Committee for Medical Education reaccreditation site visit, March, 2012.

Faculty participant, Accreditation Council for Graduate Medical Education Clinical Learning Environment Review site visit, December, 2014.

Elected member, Executive Committee on Clinical Affairs, 2017-2020.

Faculty participant, Accreditation Council for Graduate Medical Education Clinical Learning Environment Review site visit, June, 2018.

Elected member, Faculty Grievance Hearing Panel, 2019-2022.

Departmental

- Member**, Pediatric Resident Scholarly Activity Committee, 2010 – Present.
- Elected member**, Research Advisory Committee, July 2011 – June 2014.
- Member**, Search committee for division director, pediatric critical care medicine, July 2011- June 2012.
- Member**, Search committee for division director, general pediatrics, August 2012- June, 2013.
- Member**, Pediatric Residency Program Evaluation Committee, 2014 – Present.
- Member**, Advisory Committee on Equity 2014 – 2017.
- Member**, Pediatric chronic ventilator data registry 2015 – Present.
- Member**, Promotion Committee, 2016 – Present.
- Member**, Diversity, Equity, and Inclusion action committee, 2017 – 2020.
- Member**, Faculty search committee, Neonatal-perinatal medicine, 2020 – Present.
- Member**, Faculty Recruitment Oversight Committee, 2020 – Present.
- Moderator**, Fairness, Inclusion, Respect, and Equity (FIRE) Rounds, 2020 – Present.

Divisional

- Lead**, pediatric critical care sub-committee to evaluate readmissions to the PICU.
- Member**, Task force on program areas in the Child Health Evaluation and Research Unit, Department of Pediatrics.
- Member**, Pediatric Critical Care Medicine-Pediatric Surgery task force.
- Champion for Diversity, Equity, and Inclusion** – Child Health Evaluation and Research Center and the Division of Pediatric Critical Care Medicine.
- Member**, CHEAR Health Services Research Fellowship Steering Committee.
- Member**, CHEAR Leadership Team

SEMINARS, VISITING PROFESSORSHIPS, AND EXTRAMURAL INVITED PRESENTATIONS

Intramural Presentations:

- 11/01/2005 **Children’s Health Services Research Seminar:** Improving the delivery of care to critically ill and injured children through Health Services Research.
- 04/04/2006 **Children’s Health Services Research Seminar:** Going back for more: Evaluation of the outcomes associated with readmission to the pediatric intensive care unit.
- 09/08/2006 **NACHRI-VIRTUAL PICU Meeting:** Characteristics and Outcomes associated with Inter-hospital PICU transfer.
- 01/09/2007 **Children’s Health Services Research Seminar:** Unraveling the maze: Interhospital transfer of critically ill children.

- 03/07/2007 **U-M Clinical Scholars' Program Research Seminar:** Improving the delivery of care to critically ill and injured children through health services research.
- 09/26/2007 **Joint Pediatric Critical Care Medicine-Emergency Medicine Conference:** Caring for children in the event of a mass disaster.
- 12/23/2008 **Children's Health Services Research Seminar:** To Run or not to Run: Evaluating Patterns of Travel, Outcomes and Resource Use in a Regionalized Pediatric Trauma Care System.
- 10/27/2009 **Children's Health Services Research Seminar:** Monitoring Intracranial Pressure in Comatose Children with Meningitis: What do U.S. Neurosurgeons Think?
- 11/10/2009 **Moderator of research presentation session, 20th Annual Pediatric Research Symposium.** Department of pediatrics, University of Michigan.
- 03/22/2010 **Research Seminar, The Center for Behavioral and Decision Sciences in Medicine:** Optimizing the Delivery of Care to Critically Ill and Injured Children- A Mixed Methods Approach.
- 10/25/2011 **Moderator of research presentation session, 22nd Annual Pediatric Research Symposium.** Department of pediatrics, University of Michigan.
- 04/10/2012 **Pediatric Grand Rounds, Department of Pediatrics, University of Michigan.** Optimizing HealthCare Delivery to Critically Ill and Injured Children: Filling the Gap between Evidence and Practice.
- 05/31/2013 **Pediatric Critical Care Medicine Research Seminar:** Inter-hospital Transfer of Critically Ill Children - A Mixed Methods Approach to unraveling the Determinants.
- 10/08/2013 **Children's Health Services Research Seminar:** Inter-hospital Transfer of Critically Ill Children - A Mixed Methods Approach to unraveling the Determinants – Quantitative assessment.
- 10/22/2013 **Oral research presentation, 24th Annual Pediatric Research Symposium.** Determinants of inter-hospital transfer of children from Level II to Level I Pediatric Intensive Care Units.
- 11/18/2014 **Presentation to the General Pediatric Clinical and Outpatient Faculty.** The Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium (QMETRIC) Sepsis Project.
- 05/28/2015 **Pediatric Critical Care Medicine Research Seminar:** Inter-hospital Transfer of Critically Ill Children - A Mixed Methods Approach to unraveling the Determinants – Qualitative assessment.
- 09/24/2015 **Pediatric Critical Care Medicine Research Seminar:** Critical appraisal of the literature-session I.

- 10/22/2015 **Pediatric Critical Care Medicine Research Seminar:** Critical appraisal of the literature-session II.
- 02/24/2016 **Didactic lecture and simulation laboratory session,** School of Nursing Advanced Practice Nursing Program: Pediatric airway management.
- 06/03/2016 **PCCM Clinical research symposium:** Health services research in the critically ill and injured pediatric population.
- 06/28/2017 **Global Health Panelist; Place Matters – Michigan Health Summer Institute,** University of Michigan.
- 04/11/2018 **Panelist; Life beyond the daily grind – Diversity, Equity and Inclusion event,** Department of Pediatrics, University of Michigan.
- 09/20/2018 **Pediatric Critical Care Medicine Seminar:** Oxygen Transport.
- 11/15/2018 **Pediatric Critical Care Medicine Seminar:** The use of neuromuscular blocking agents in the PICU.
- 04/28/2019 **Celebrating the Children of Mott Memorial Service:** A message of Gratitude
- 03/05/2020 **Children’s Health Services Research Seminar:** Care of the critically ill child: what if it involves inter-hospital transfer?
- 11/24/2020 **Pediatric Grand Rounds, Department of Pediatrics, University of Michigan.** Fairness, Inclusion, Respect, and Equity (FIRE) Rounds.
- 3/23/2021 **Pediatric Grand Rounds, Department of Pediatrics, University of Michigan.** Fairness, Inclusion, Respect, and Equity (FIRE) Rounds.

Extramural Presentations:

- 02/23/2006 **Moderator** of research presentation session, 16th Annual Pediatric Critical Care Colloquium, Salt Lake City, Utah.
- 11/30/2007 **Transfer of Children to Level I Pediatric intensive care units—**Bronson Methodist Hospital, Kalamazoo, MI.
- 12/10/2007 **Transfer of Children to Level I Pediatric intensive care units—**William Beaumont Hospital, Royal Oak, MI.
- 01/16/2008 **Transfer of Children to Level I Pediatric intensive care units—**Hurley Medical Center, Flint, MI.
- 01/22/2008 **Transfer of Children to Level I Pediatric intensive care units—**Covenant Hospital, Saginaw, MI.
- 01/26/2010 **Outcomes of Transfer of Children to Level I Pediatric intensive care units—**Children’s Hospital of Michigan, Detroit, MI.

- 02/04/2010 **Outcomes of Transfer of Children to Level I Pediatric intensive care units**—Devos Children’s Hospital, Grand Rapids, MI.
- 03/27/2013 **Pre-Hospital Triage of Critically Injured Children: Determinants, Outcomes, and Hospital Resource Use**---Washtenaw-Livingston Emergency Medical Services Medical Control Authority.
- 01/11/2014 **Invited Faculty & Presenter**, Critical Care Congress of the Society of Critical Care Medicine; Pediatrics: Year in Review, Clinical Science.
- 03/26/2015 **Invited Faculty & Presenter**, 1st pediatric multiple organ dysfunction syndrome state of the science Conference-National Institutes of Health.
- 05/01/2016 **Facilitator**, Poster session on neonatal and perinatal epidemiology, Pediatric Academic Societies Meeting.
- 05/02/2016 **Facilitator**, Poster session on clinical care and outcomes, Pediatric Academic Societies Meeting.
- 02/25/2018 **Moderator**, Research Snapshot Theater – Pediatric Infectious Disease, Society of Critical Care Medicine Annual Congress.
- 02/27/2018 **Moderator**, Research Snapshot Theater – Pediatric Sepsis, Society of Critical Care Medicine Annual Congress.
- 01/08/2019 **Bridging the Gap between Evidence and Practice in the care of the critically ill child** – Department of Pediatrics, Children’s Hospital of Richmond, Virginia Commonwealth University, Richmond, VA.
- 10/04/2020 **Faculty Speaker**, American Academy of Pediatrics National Conference and Exhibition 2020: Improving the delivery of care to critically ill and injured children through Health Services Research.

Pediatric Grand Rounds at Other Institutions

- 05/12/2010 **Optimizing HealthCare Delivery to Critically Ill and Injured Children: Filling the Gap between Evidence and Practice**--- Children’s Hospital of New Jersey at Newark Beth Israel Medical Center.
- 11/13/2012 **Optimizing HealthCare Delivery to Critically Ill and Injured Children: Filling the Gap between Evidence and Practice**---Department of Pediatrics, Beaumont Children’s Hospital.
- 09/06/2013 **Optimizing HealthCare Delivery to Critically Ill and Injured Children: Filling the Gap between Evidence and Practice**---Department of Pediatrics, Wesley Medical Center, University of Kansas School of Medicine-Wichita (Visiting Professor).

BIBLIOGRAPHY

Peer- Reviewed Publications:

1. **Odetola FO**, Bhatt-Mehta V, Zahraa J, Moler FW, Custer JR. Cisatracurium infusion in infants 0-2 years in a Pediatric intensive care unit: A dose-finding study. *Pediatr Crit Care Med* 2002; 3:250-254
2. Meyer RJ, Moler FW, Maxvold NJ, Annich GM, **Odetola FO**, Sadowski R, Custer JR. Pediatric extracorporeal life support after high frequency ventilation: predictors of survival. *ASAIO Journal* 2002; 48:472-475
3. **Odetola FO**, Moler FW, Dechert R, VanDerElzen K, Chenoweth C. Nosocomial catheter-related bloodstream infections in a PICU: Risk and rates associated with various intravascular technologies. *Pediatr Crit Care Med* 2003; 4:432-436
4. **Odetola FO**, Bratton SL. Characteristics and immediate outcome of childhood meningitis treated in the pediatric intensive care unit. *Intensive care med* 2005; 31:92-97
5. **Odetola FO**, Clark SJ, Freed GL, Bratton SL, Davis MM. A National Survey of Pediatric Critical Care Resources in the United States. *Pediatrics* 2005; 115: e382-e386
6. **Odetola FO**, Miller WC, Davis MM, Bratton SL: The relationship between the location of pediatric intensive care unit facilities and child death from trauma: A county-level ecologic study. *J Pediatr* 2005; 147:74-77
7. Bratton SL, **Odetola FO**, McCollegan J, Cabana MD, Levy FH, Keenan HT: Regional Variation in ICU Care for Pediatric Patients with Asthma. *J Pediatr* 2005; 147:355-361
8. **Odetola FO**, Clark SJ, Davis MM: Growth, development and failure to thrive: Factors that underlie the availability of pediatric critical care facilities in the United States. *Pediatr Crit Care Med* 2006; 7:70-73
9. **Odetola FO**, Tilford JM, Davis MM: Variation in the Use of Intracranial-Pressure Monitoring and Mortality in Critically Ill Children with Meningitis in the United States. *Pediatrics* 2006; 117: 1893-1900
10. **Odetola FO**, Dechert R, VanDerElzen K, Chenoweth C, Moler FW: Antimicrobial-impregnated catheters for reducing nosocomial catheter-associated blood stream infections in the pediatric intensive care unit. *Clinical Intensive Care* 2006; 17:33-40
11. **Odetola FO**, Shanley TP, Gurney JG, Clark SJ, Dechert RE, Freed GL, Davis MM. Characteristics and outcomes of interhospital transfers from level II to level I pediatric intensive care units. *Pediatr Crit Care Med* 2006; 7: 536-540
12. **Odetola FO**, Gebremariam A, Freed GL. Patient and Hospital Correlates of Clinical Outcomes and Resource-Utilization in Severe Pediatric Sepsis. *Pediatrics* 2007; 119: 487-494

13. **Odetola FO**, Clark SJ, Dechert RE, Shanley TP. Going back for more: An evaluation of clinical outcomes and characteristics of readmissions to a pediatric intensive care unit. *Pediatr Crit Care Med*. 2007; 8:343-347
14. **Odetola FO**, Rosenberg AL, Davis MM, Clark SJ, Dechert RE, Shanley TP. Do outcomes vary according to the source of admission to the pediatric intensive care unit? *Pediatr Crit Care Med*. 2008; 9:20-25
15. Kanter RK, Andrade JS, Boeing NM, Callahan J, Cooper A, Lopez-Dwyer CA, Marcin JP, **Odetola FO**, Ryan AE, Terndrup TE, Tobin JR. Developing consensus on appropriate standards of disaster care for children. *Disaster Med Public Health Preparedness* 2009; 3:27-32
16. **Odetola FO**, Davis MM, Cohn LM, Clark SJ. Interhospital transfer of critically ill and injured children: an evaluation of transfer patterns, resource utilization, and clinical outcomes. *J Hosp Med* 2009; 4:164-70
17. **Odetola FO**, Clark SJ, Gurney JG, Dechert RE, Shanley TP, Freed GL. Effect of interhospital transfer on resource utilization and outcomes at a tertiary pediatric intensive care unit. *J Crit Care* 2009; 24(3):379-86
18. **Odetola FO**. Assessing the functional status of hospitalized children. *Pediatrics* 2009; 124: e163-e165
19. **Odetola FO**, Mann NC, Hansen K, Patrick S, Bratton SL. Source of Admission and Outcomes for Critically Injured Children in the Mountain States. *Arch Pediatr Adolesc Med* 2010; 164: 277-282
20. **Odetola FO**, Gebremariam A, Davis MM. Comorbid Illnesses among Critically Ill Hospitalized Children: Impact on Hospital Resource Use and Mortality, 1997-2006. *Pediatr Crit Care Med* 2010; 11: 457- 463
21. **Odetola FO**, Clark SJ, Lamarand KE, Davis MM, Garton HJ. Intracranial pressure monitoring in childhood meningitis with coma: A national survey of neurosurgeons in the United States. *Pediatr Crit Care Med* 2011; 12: e350-6.
22. **Odetola FO**, Custer JR. Infections acquired while on extracorporeal membrane oxygenation: Navigating the maze. *Pediatr Crit Care Med* 2011; 12: 353-5.
23. Singer K, Subbaiah P, Hutchinson R, **Odetola FO**, Shanley TP. Clinical Course of sepsis in children with acute leukemia admitted to the pediatric intensive care unit. *Pediatr Crit Care Med* 2011; 12: 649-54.
24. Miller RL, Gebremariam A, **Odetola FO**. Pediatric high-impact conditions in the United States: retrospective analysis of hospitalizations and associated resource use. *BMC Pediatrics* 2012; 12:61.
25. Chen JG, Kemper AR, **Odetola FO**, Cheifetz IM, Turner DA. Prevalence, Characteristics, and Opinions of Pediatric Rapid Response Teams in the United States. *Hosp Pediatr*. 2012; 2:133-40
26. Srinivasan S, Benneyworth B, Garton HJ, Hervey-Jumper SL, Raimor PL, **Odetola FO**, Han YY. Intracranial pressure/cerebral perfusion pressure-targeted management of life-threatening intracranial hypertension complicating diabetic ketoacidosis-associated cerebral edema: a case report. *Pediatr Emerg Care* 2012; 28:696-8
27. Kuo K, Cornell T, Shanley T, **Odetola F**, Annich G. The use of extracorporeal membrane oxygenation in pediatric patients with sickle cell disease. *Perfusion* 2013; 28:424-32
28. Arutyunyan T, **Odetola FO**. Airway Foreign Body: When Imaging is not enough. *Clin Pediatr (Phila)*. 2014; 53:186-8

29. **Odetola FO**, Gebremariam A. Paediatric trauma in the USA: patterns of emergency department visits and associated hospital resource use. *Int J Inj Contr Saf Promot* 2015;22(3):260-6
30. **Odetola FO**, Freed GL, Madden B, Shevrin CA, McCormick J, Dombkowski KJ for the Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium. Protocol for identifying and treating children with sepsis syndrome in the emergency department. National Quality Measures Clearinghouse (NQMC). Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Published June 8, 2015.
31. **Odetola FO**, Freed GL, Madden B, Shevrin CA, McCormick J, Dombkowski KJ for the Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium. Timely blood culture for children with sepsis syndrome. National Quality Measures Clearinghouse (NQMC). Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Published June 8, 2015.
32. **Odetola FO**, Freed GL, Madden B, Shevrin CA, McCormick J, Dombkowski KJ for the Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium. Timely antibiotics for children with severe sepsis or septic shock. National Quality Measures Clearinghouse (NQMC). Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Published June 8, 2015.
33. **Odetola FO**, Freed GL, Madden B, Shevrin CA, McCormick J, Dombkowski KJ for the Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium. Timely fluid bolus for children with severe sepsis or septic shock. National Quality Measures Clearinghouse (NQMC). Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Published June 8, 2015.
34. **Odetola FO**, Freed GL, Madden B, Shevrin CA, McCormick J, Dombkowski KJ for the Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium. Documentation of heart rate during fluid resuscitation for children with severe sepsis or septic shock. National Quality Measures Clearinghouse (NQMC). Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Published June 8, 2015.
35. Kawai Y, Cornell TT, Cooley EG, Beckman CN, Baldrige PK, Mottes TA, Luckritz KE, Plomaritas KS, Meade JM, **Odetola FO**, Han YY, Blatt NB, Annich GM. Therapeutic plasma exchange may improve hemodynamics and organ failure among children with sepsis-induced multiple organ dysfunction syndrome receiving extracorporeal life support. *Pediatr Crit Care Med*. 2015;16(4):366-74
36. Barbaro RP, **Odetola FO**, Kidwell KM, Paden ML, Bartlett RH, Davis MM, Annich GM. Association of hospital-level volume of extracorporeal membrane oxygenation cases and mortality. Analysis of the extracorporeal life support organization registry. *Am J Respir Crit Care Med*. 2015; 191(8):894-901
37. **Odetola FO**, Clark SJ, Gurney JG, Donohue JE, Gebremariam A, DuBois L, Freed GL. Factors associated with interhospital transfer of children with respiratory failure from level II to level I pediatric intensive care units. *J Crit Care*. 2015;30(5):1080-4

38. **Odetola FO**, Mann NC, Hansen K, Bratton SL. Factors Associated with Time to Arrival at a Regional Pediatric Trauma Center. *Prehosp Disaster Med.* 2016; 31(1):4-9
39. **Odetola FO**, Bruski L, Zayas-Caban G, Lavieri M. An Innovative Framework to Improve Efficiency of Interhospital Transfer of Children in Respiratory Failure. *Ann Am Thorac Soc.* 2016;13(5):671-7
40. **Odetola FO**, Gebremariam A. Variation in Patterns of Hospitalization and Associated Resource Use among Children with Spinal Cord Injury in the U.S. *Injury.* 2016; 47(5):1123-7
41. Maley N, Gebremariam A, **Odetola F**, Singer K. Influence of Obesity Diagnosis with Organ Dysfunction, Mortality, and Resource Use Among Children Hospitalized with Infection in the United States. *J Intensive Care Med.* 2017;32(5):339-345
42. White MJ, Loccoh EC, Goble MM, Yu S, Duquette D, Davis MM, **Odetola FO**, Russell MW. Availability of Automated External Defibrillators in Public High Schools. *J Pediatr* 2016; 172:142-6
43. Kuo KW, Barbaro RP, Gadepalli SK, Davis MM, Bartlett RH, **Odetola FO**. Should extracorporeal membrane oxygenation be offered? An international survey. *J Pediatr* 2017; 182:107-13
44. **Odetola FO**, Anspach RR, Han YY, Clark SJ. Interhospital transfer of children in respiratory failure: a clinician interview qualitative study. *J Crit Care.* 2017; 37:162-172
45. White MJ, Loccoh EC, Goble MM, Yu S, **Odetola FO**, Russell MW. High school cardiac emergency response plans and sudden cardiac death in the young. *Prehosp Disaster Med* 2017; 32 (3): 1-4.
46. Watson RS, Crow SS, Hartman ME, Lacroix J, **Odetola FO**. Epidemiology and outcomes of pediatric multiple organ dysfunction syndrome (MODS). *Pediatr Crit Care Med* 2017 Mar;18(3_suppl Suppl 1): S4-S16.
47. **Odetola FO**, Anspach RR, Han YY, Clark SJ. Interhospital Transfer of Children in Septic Shock: A Clinician Interview Qualitative Study. *J Intensive Care Med* 2018; 33: 671-679.
48. Davis AL, Carcillo JA, Aneja RK, Deymann AJ, Lin JC, Nguyen TC, Okhuysen-Cawley RS, Relvas 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. *Crit Care Med.* 2017;45(6):1061-1093.
49. Davis AL, Carcillo JA, Aneja RK, Deymann AJ, Lin JC, Nguyen TC, Okhuysen-Cawley RS, Relvas 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 Kissoon 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. *Pediatr Crit Care Med*. 2017;18(9):884-890
50. **Odetola FO**, Freed G, Shevrin C, Madden B, McCormick J, Dombkowski K. In-Hospital Quality-of-Care Measures for Pediatric Sepsis Syndrome. *Pediatrics* 2017 Jul 24.
 51. Arutyunyan T, **Odetola F**, Swieringa R, Niedner M. Religion and Spiritual Care in Pediatric Intensive Care Unit: Parental Attitudes Regarding Physician Spiritual and Religious Inquiry. *Am J Hosp Palliat Care* 2018;35(1):28-33
 52. Peterson LS, Gállego Suárez C, Segaloff HE, Griffin C, Martin ET, **Odetola FO**, Singer K. Outcomes and Resource Use Among Overweight and Obese Children with Sepsis in the Pediatric Intensive Care Unit. *J Intensive Care Med* 2018;885066618760541
 53. Criss CN, Barbaro R, Bauman KA, **Odetola F**, Vellody R, Jarboe MD. Selective Management of Multiple Bronchopleural Fistulae in a Pediatric Patient on Extracorporeal Membrane Oxygenation: A Multidisciplinary Approach. *J Laparoendosc Adv Surg Tech A*. 2018 Oct;28(10):1271-1274. Epub 2018 Jun 19.
 54. Yagiela LM, Barbaro RP, Quasney MW, Pfarr MA, Ursu DC, Prosser LA, **Odetola FO**. Outcomes and Patterns of Healthcare Utilization After Hospitalization for Pediatric Critical Illness Due to Respiratory Failure. *Pediatr Crit Care Med*.2019;20(2): 120-127.doi: 10.1097/PCC.0000000000001797.
 55. Yagiela LM, Carlton EF, Meert KL, **Odetola FO**, Cousino MK. Parent Medical Traumatic Stress and Associated Family Outcomes After Pediatric Critical Illness: A Systematic Review. *Pediatr Crit Care Med* 2019 May 16. doi: 10.1097/PCC.0000000000001985. [Epub ahead of print]
 56. **Odetola FO**, Gebremariam A. Transfer hospitalizations for pediatric severe sepsis or septic shock: resource use and outcomes. *BMC Pediatr* 2019 ;19(1):196. doi: 10.1186/s12887-019-1577-5.
 57. 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, Kissoon N, Moss M, Mysore MR, Papo ME, Rajzer-Wakeham KL, Rice TB, Rosenberg DL, Wakeham MK, Conway EE Jr; **Voting Panel**. 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.
 58. **Odetola FO**, Gebremariam A. Resource Use and Outcomes for Children Hospitalized with Severe Sepsis or Septic Shock. *J Intensive Care Med* 2019 Nov 10;885066619885894. doi: 10.1177/0885066619885894. [Epub ahead of print]
 59. Turner DA, Boyer DL, Dwyer A, Czaja AS, **Odetola FO**, Schuette J, Wheeler D, Winkler M, Goodman DM. Establishing the Knowledge and Skills

- Necessary in Pediatric Critical Care Medicine: A Systematic Approach to Practice Analysis. *Pediatr Crit Care Med*. 2020 Mar 13. doi: 10.1097/PCC.0000000000002312. [Epub ahead of print]
60. Carr BD, Kohne J, Ralls MW, Sassalos P, Ohye RG, **Odetola FO**, Gadepalli SK. Venogram Before Long-Interval Repeat Cannulation for Pediatric extracorporeal membrane oxygenation. *Perfusion* 2020; May 27:267659120925351
 61. **Odetola, F.O.** Generosity in the midst of adversity. *Intensive Care Med* (2021). <https://doi.org/10.1007/s00134-020-06342-6>

Articles in press

1. **Odetola FO.** Of Name Badges, Status symbols, and Titles. *Patient Education and Counseling*
2. Yagiela LM, Pfarr MA, Meert K, **Odetola FO.** Post-hospitalization follow-up after pediatric critical illness due to respiratory failure. *Ped pulmonology*

Articles submitted for peer review

1. Odetola FO, Cain JA, Freed GL. Looking out for children during the COVID-19 pandemic and beyond.
2. Pfarr MA, Odetola FO, Yagiela LM. Interactions with healthcare providers prior to critical illness admission in children with medical complexity.
3. Sanchez-Pinto LN, Bembea MM, Farris R, Hartman ME, Odetola FO, Spaeder M, Watson RS, Zimmerman JJ, Bennett TD. Evaluation of the Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Criteria in Critically Ill Children using Electronic Health Record Data.
4. Odetola FO. Behind the mask.
5. Stevens M, Heider A, Simon C, Odetola F. What if the airway is secured but not secure?
6. Harding M, Sorkin T, McCaffery H, Pizzo M, Panches A, Sears S, Odetola F. Parental Acute Stress due to Invasive Procedures Performed at Bedside in the PICU
7. Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Contemporary Organ Dysfunction Criteria: Executive Summary

Book Chapters

1. **Odetola FO.** Outcomes Research in the PICU. In: Wheeler DS, Wong HR, Shanley TP, editors. *Pediatric Critical Care Medicine*. 2nd ed. London: Springer-Verlag; 2014. P. 107-116.
2. **Odetola FO.** Commentary on dexamethasone pretreatment for 24 h versus 6 h for prevention of postextubation airway obstruction in children: a randomized double-blind trial. *Intensive Care Med* 2014; 40:1285-1294. In: Cabana MD, Goldstein AM, de Gialluly PS, Schroeder AR. *The Year Book of Pediatrics*. Elsevier Mosby; 2016. P. 217-221.

Abstracts

1. **Odetola FO**, Bhatt-Mehta V, Moler FW, Custer JR, Zahraa J: Cisatracurium infusion in infants 0-2 years in a Pediatric intensive care unit (PICU): A dose-finding study. *Crit Care Med*. 1999; 27: A134 (suppl.). Presented at the 29th International Educational and Scientific Symposium of the Society for Critical Care Medicine, February 2000.
2. Meyer RJ, Moler FW, Maxvold NJ, Annich GM, **Odetola FO**, Custer JR: ECMO following High frequency ventilation: Predictors of survival. *Clinical Intensive care* 1999; 10(4).
3. **Odetola FO**, Moler FW, Dechert R, VanDerElzen K, Chenoweth C: Nosocomial catheter-related Bloodstream infections in the PICU: A comparison of risks for, and rates of bloodstream infection associated with central venous catheters, renal replacement therapy catheters and ECMO cannulae. Presented at the 30th International Educational and Scientific Symposium of the Society for Critical Care Medicine, February 2001. *Crit Care Med* 2000; 28: A42 (suppl).
4. **Odetola FO**: Immediate outcome of meningitis in the Pediatric Intensive Care Unit. 14th Annual Pediatric Critical Care Colloquium, October 2002.
5. **Odetola FO**: The location of Pediatric intensive care facilities and childhood trauma mortality. University of Michigan's 14th annual pediatric research symposium. October 2003.
6. **Odetola FO**, Bratton SL, Davis MM: Immediate outcome of meningitis in the Pediatric Intensive Care Unit. University of Michigan's 14th annual pediatric research symposium. October 2003.
7. **Odetola FO**, Davis MM, Renski H, Miller W, Bratton SL: Pediatric intensive care units and childhood mortality due to trauma: An ecologic study. Presented at the 33rd International Educational and Scientific Symposium of the Society for Critical Care Medicine, February 2004. *Crit Care Med* 2003; 31: A18 (suppl).
8. **Odetola FO**, Davis MM, Renski H, Miller W, Bratton SL: The presence of Pediatric Intensive care facilities and childhood mortality: An ecologic study. Presented at the 33rd International Educational and Scientific Symposium of the Society for Critical Care Medicine, February 2004. *Crit Care Med* 2003; 31: A77 (suppl).
9. **Odetola FO**, Tilford JM, Davis MM: Utilization of Intracranial Pressure Monitors in Critically Ill Children with Meningitis. Pediatric Academic Societies' Annual Meeting, May 2004.
10. **Odetola FO**, Tilford JM, Davis MM: Utilization of Intracranial Pressure Monitors in Critically Ill Children with Meningitis. AcademyHealth Annual Meeting, June 2004.
11. **Odetola FO**, Tilford JM, Davis MM: Utilization of Intracranial Pressure Monitors in Critically Ill Children with Meningitis. University of Michigan's 15th annual pediatric research symposium. September 2004.
12. **Odetola FO**, Clark SJ, Freed GL, Bratton SL, Davis MM: Distribution of pediatric critical care resources in the United States. University of Michigan's 15th annual pediatric research symposium. September 2004.
13. Bratton SL, **Odetola FO**, McCollegan J, Levy FH: Variation in practice for severe asthma. 15th annual pediatric critical care colloquium. Presented at the

- 15th annual pediatric critical care colloquium. September 2004. *Pediatr Crit Care Med* 2005; 6:107.
14. **Odetola FO**, Clark SJ, Bratton SL, Davis MM: Do children share critical care resources with adults? A descriptive analysis. 15th annual pediatric critical care colloquium. September 2004.
 15. **Odetola FO**, Clark SJ, Bratton SL, Davis MM: Availability of advanced therapeutic modalities in US PICUs. 15th annual pediatric critical care colloquium. September 2004.
 16. **Odetola FO**, Clark SJ, Bratton SL, Davis MM: Factors that drive the distribution of pediatric critical care services. 15th annual pediatric critical care colloquium. September 2004.
 17. **Odetola FO**, Clark SJ, Bratton SL, Davis MM: Do children share critical care resources with adults? A descriptive analysis. Presented at the 34th International Educational and Scientific Symposium of the Society for Critical Care Medicine, January 2005. *Crit Care Med* 2004; 32: A86 (suppl).
 18. **Odetola FO**, Clark SJ, Bratton SL, Davis MM: Availability of advanced therapeutic modalities in US PICUs. *Crit Care Med* 2004; 32: A86 (suppl). Presented at the 34th International Educational and Scientific Symposium of the Society for Critical Care Medicine, January 2005.
 19. **Odetola FO**, Clark SJ, Bratton SL, Davis MM: Factors that drive the distribution of pediatric critical care services. *Crit Care Med* 2004; 32: A88 (suppl). Presented at the 34th International Educational and Scientific Symposium of the Society for Critical Care Medicine, January 2005.
 20. **Odetola FO**, Moler FW, Dechert R, VanDerElzen K, Chenoweth C: Effectiveness of antimicrobial impregnated catheters in reducing the incidence of nosocomial catheter-related blood stream infections in the pediatric intensive care unit. *Crit Care Med* 2004; 32: A162 (suppl). Presented at the 34th International Educational and Scientific Symposium of the Society for Critical Care Medicine, January 2005.
 21. **Odetola FO**, Davis MM, Clark SJ, Dechert RE, Shanley TP. Variation of outcomes according to the source of admission to the Pediatric Intensive Care Unit. *Crit Care Med* 2005; 33: A94 (suppl). Presented at the University of Michigan 15th annual pediatric research symposium, November 2005, and at the 35th International Educational and Scientific Symposium of the Society for Critical Care Medicine, January 2006.
 22. **Odetola FO**, Gurney JG, Davis MM, Clark SJ, Freed GL, Shanley TP. Characteristics of inter-ICU transfers to a tertiary pediatric intensive care unit. *Crit Care Med* 2005; 33: A95 (suppl). Presented at the 35th International Educational and Scientific Symposium of the Society for Critical Care Medicine, January 2006.
 23. **Odetola FO**, Gurney JG, Davis MM, Clark SJ, Shanley TP, Freed GL. Characteristics and outcomes of inter-hospital transfers from Level II to Level I PICUs. *Crit Care Med* 2005; 33: A96 (suppl). Presented at the 35th International Educational and Scientific Symposium of the Society for Critical Care Medicine, January 2006.
 24. **Odetola FO**, Gurney JG, Davis MM, Clark SJ, Shanley TP, Freed GL. Characteristics and outcomes of inter-hospital transfers from Level II to Level

- I PICUs. *Pediatr Crit Care Med* 2006; 7: 513; Presented at the 16th Pediatric Critical Care Colloquium, February 2006.
25. **Odetola FO**, Clark SJ, Dechert RE, Shanley TP. An evaluation of clinical outcomes associated with readmissions to a pediatric intensive care unit. University of Michigan's 17th annual pediatric research symposium. November 2006.
 26. **Odetola FO**, Gebremariam A, Freed GL. Patient and Hospital Correlates of Clinical Outcomes and Resource Utilization in Severe Pediatric Sepsis. University of Michigan's 17th annual pediatric research symposium. November 2006.
 27. Kanter R, Andrade J, Boeing N, Callahan J, Cooper A, Lopez-Dwyer C, Marcin , **Odetola F**, Ryan A, Terndrup T, Tobin J. Professional consensus on altered standards of hospital care in disaster surges. *Acad Emerg Med* 2007; 14 (5 Suppl 1):S190-1.
 28. **Odetola FO**, Clark SJ, Dechert RE, Shanley TP. Outcomes and characteristics of readmissions to pediatric intensive care. Pediatric Academic Societies' Annual Meeting, May 2007.
 29. **Odetola FO**, Davis MM, Cohn L, Clark SJ. Characteristics and outcomes of interhospital transfer of critically ill children. *Pediatr Crit Care Med* 2007; 8: A190 (Suppl).
 30. **Odetola FO**, Davis MM, Cohn L, Clark SJ. Interhospital transfer of critically ill children: An evaluation of clinical outcomes and resource utilization. *Pediatr Crit Care Med* 2007; 8: A116 (Suppl).
 31. **Odetola FO**, Clark SJ, Dechert RE, Shanley TP. Clinical outcomes and characteristics of readmissions to a pediatric intensive care unit. *Pediatr Crit Care Med* 2007; 8: A 249 (Suppl).
 32. **Odetola FO**, Clark SJ, Gurney JG, Dechert RE, Shanley TP, Freed GL. The effect of interhospital transfer on outcomes and resource use at a tertiary pediatric intensive care unit. Life Sciences Symposium, October 2007.
 33. **Odetola FO**, Clark SJ, Gurney JG, Dechert RE, Shanley TP, Freed GL. The effect of interhospital transfer on outcomes and resource use at a tertiary pediatric intensive care unit. 18th Annual pediatric research symposium, November 2007.
 34. **Odetola FO**, Davis MM, Cohn L, Clark SJ. Characteristics and outcomes of interhospital transfer of critically ill children. 18th Annual pediatric research symposium, November 2007.
 35. **Odetola FO**, Gebremariam A, Davis MM. The Association of Coexisting Comorbid Illness with Increased Hospital Resource Use and Mortality among Critically Ill Children, 1994 vs 2004. *Crit Care Med* 2008; 36: A87 (suppl). Presented at the Pediatric Academic Societies' Annual Meeting, May 2008; the University of Michigan's 19th Annual pediatric research symposium, November 2008, and the 38th International Educational and Scientific Symposium of the Society for Critical Care Medicine, January 2009.
 36. El-Wiher N, McCaskey D, Igielski D, Han Y, **Odetola F**, Annich GM. ECLS for severe respiratory failure in confirmed pertussis-Survival in a high mortality group. 19th Annual ELSO Conference, September 2008.
 37. **Odetola FO**, Mann NC, Hansen K, Patrick S, Bratton SL. Effect of Source of Admission on Outcomes for Critically Injured Children: Evaluation of a

- Pediatric Trauma Center Registry. *Crit Care Med* 2008; 36: A80 (suppl). Presented at the 19th Annual pediatric research symposium, November 2008, the 38th International Educational and Scientific Symposium of the Society for Critical Care Medicine, January 2009, and the Pediatric Academic Societies Meeting, May 2009.
38. **Odetola FO**, Mann NC, Hansen K, Patrick S, Bratton SL. The golden hour and outcomes at a pediatric trauma center. Presented at the Pediatric Academic Societies Meeting, May 2009.
 39. **Odetola FO**, Clark SJ, Lamarand K, Davis MM, Garton HJ. Response to Intensive care unit physician requests to monitor intracranial pressure in childhood meningitis with coma. 20th Annual pediatric research symposium, November 2009.
 40. **Odetola FO**, Clark SJ, Lamarand K, Davis MM, Garton HJ. Intracranial pressure monitoring in childhood meningitis with coma: A national survey of neurosurgeons. *Crit Care Med* 2009; 37: A157 (suppl). Also presented at the 20th University of Michigan's annual pediatric research symposium, November 2009; the 39th International Educational and Scientific Symposium of the Society for Critical Care Medicine, January 2010; and the Pediatric Academic Societies Meeting, May 2010.
 41. Benneyworth B, Davis M, Shanley T, **Odetola F**. Acute mechanical ventilation in U.S. children, 1997-2006. *Crit Care Med* 2010; 38: A178 (suppl). Also presented at the 21st Annual pediatric research symposium, October 2010.
 42. Miller RL, Gebremariam A, **Odetola FO**. Hospitalizations for leading causes of child death: Resource burden according to illness severity and hospital type. 21st Annual pediatric research symposium, October 2010.
 43. Chen J, Kemper A, **Odetola F**, Turner D. Distribution and characteristics of pediatric rapid response teams in the United States. *Crit Care Med* 2010; 38: A586 (suppl).
 44. **Odetola FO**, Gebremariam A. Pediatric Trauma Care in the U.S: patterns of emergency department visits, and variation in hospital outcomes and resource use by hospital trauma center status. *Crit Care Med* 2011; 39: A576 (suppl). Also presented at the 22nd Annual University of Michigan's pediatric research symposium, October 2011; the 41st International Critical Care Congress of the Society for Critical Care Medicine, February 2012.
 45. **Odetola FO**, Gebremariam A. Pediatric Spinal Cord Injury in the U.S: Emergency department visits, hospital outcomes and resource use. Presented at the 23rd Annual University of Michigan's pediatric research symposium, October 2012; and the Pediatric Academic Societies Meeting, May 2013.
 46. Barbaro R, **Odetola F**, Kidwell K, Paden M, Bartlett R, Davis M, Annich G. Association of mortality with hospital-level extracorporeal membrane oxygenation patient volume. *Crit Care Med* 2013; 41: A7 (suppl)
 47. **Odetola F**. Determinants of Inter-Hospital Transfer of Children from Level II to Level I Pediatric Intensive Care Units. *Crit Care Med* 2013; 41: A136 (suppl). Also presented at the 24th Annual University of Michigan's pediatric research symposium, October 2013; the 43rd Critical Care Congress of the Society for Critical Care Medicine, January 2014, and the Pediatric Academic Societies Meeting, May 2014.

48. Maley N, Gebremariam A, **Odetola FO**, Singer K. Association of Obesity Diagnosis with Organ Dysfunction, Mortality, Resource Usage Among Children Hospitalized with Sepsis. Presented at the 25th Annual University of Michigan's pediatric research symposium, October 2014, and the Pediatric Academic Societies Meeting, April 2015.
49. **Odetola FO**, Anspach RR. Interhospital Transfer of Children in Respiratory Failure: A Clinician Interview Qualitative Study. *Crit Care Med* 2014; 42: A148 (suppl). Also presented at the 25th Annual University of Michigan's pediatric research symposium, October 2014, and the Pediatric Academic Societies Meeting, April 2015, and the 8th World congress on pediatric intensive and critical care, June 2016.
50. **Odetola FO**, Anspach RR, Han YY, Clark SJ. Interhospital Transfer of Children in Septic Shock: A Clinician Interview Qualitative Study. *Crit Care Med* 2014; 42: A149 (suppl). Also presented at the 25th Annual University of Michigan's pediatric research symposium, October 2014, the Pediatric Academic Societies Meeting, April 2015, and the 8th World congress on pediatric intensive and critical care, June 2016.
51. **Odetola FO**, Freed GL, Madden B, Shevrin CA, McCormick J, Dombkowski KJ. Development and Testing of Pediatric Sepsis Quality Measures. Presented as a poster presentation at the child health research meeting, AcademyHealth Annual Research Meeting, June 2015, and the 8th World congress on pediatric intensive and critical care, June 2016, and as an oral presentation at the Pediatric Academic Societies Meeting, May 2016.
52. **Odetola F**, Bruski L, Zayas-Caban G, Lavieri M, An Innovative Framework to Improve Efficiency of Interhospital Transfer of Children in Respiratory Failure. Presented at the 2015 Healthcare Engineering & Patient Safety Symposium. September 2015.
53. Yagiela L, Barbaro R, Quasney M, Ursu D, Pfarr M, **Odetola F**. Patterns of health care utilization after hospitalization for pediatric critical illness. *Crit Care Med* 2016; 44:324(suppl). Also presented at the 27th Annual University of Michigan's pediatric research symposium, October 2016. PMID: 27850630
54. Kuo K, Barbaro R, Gadepalli S, Davis M, Bartlett R, **Odetola F**. Should Extracorporeal Membrane Oxygenation be offered? An International Survey. *Crit Care Med* 2016;44: 216 (suppl). PMID: 27850200
55. **Odetola F**, Gebremariam A. Resource Use and Outcomes for Children Hospitalized with Severe Sepsis and Septic Shock. *Crit Care Med* 2018; 46:748 (suppl). Also presented at the 28th Annual University of Michigan's pediatric research symposium, November 2017, and the 47th Critical Care Congress of the Society for Critical Care Medicine, February 2018.
56. **Odetola F**, Gebremariam A. Transfer Hospitalizations for Pediatric Severe Sepsis and Septic Shock: Resource Use and Outcomes. *Crit Care Med* 2018; 46:747 (suppl). Also presented at the 28th Annual University of Michigan's pediatric research symposium, November 2017, and the 47th Critical Care Congress of the Society for Critical Care Medicine, February 2018.
57. Pfarr MA, Yagiela LM, **Odetola F**. Patient Interaction with Pediatric Healthcare Providers prior to Hospitalization for Pediatric Respiratory Failure.

58. Metzler L, Arutyunyan T, Hutchinson R, **Odetola F**. Prognostic goals of care conversations for critically ill pediatric hematology/oncology patients. *Pediatric Blood and Cancer* 2018 65 Supplement 1 (S171-)
59. Harding M, Sorkin T, McCaffery H, Pizzo M, Panches A, Sears S, **Odetola F**. Parental acute stress due to invasive procedures in the pediatric intensive care unit. *Crit Care Med* 2020; 48:396
60. **Odetola F**, Gebremariam A. Epidemiology of Resource Use and Outcomes in Pediatric Acute Respiratory Failure. 50th Critical Care Congress of the Society for Critical Care Medicine, February 2021.
61. Fretz E, Gebremariam A, **Odetola F**. Epidemiology of Hospitalizations for Asthma in Children in the United States 2006 – 2016