

CURRICULUM VITAE

Folafoluwa Olutobi ODETOLA, MD, MPH
Associate Professor of Pediatrics and Communicable Diseases
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.

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 | Recertification |

2012	Diplomate, American Board of Pediatrics, Pediatric Critical Care Medicine sub-board	Recertification
2015	Diplomate, American Board of 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 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.

09/25/2007 - 08/31/2010	1K23HD054526-01A1 NICHD. Transfer of Children to Level I Pediatric Intensive Care Units. \$396,900 (75% effort) Role: Principal Investigator.
<i>Active</i>	
02/01/2011- Present	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.
2012- Present	Quality Measurement, Evaluation, Testing, Review, and Implementation Consortium – Q-METRIC (P.I. Gary Freed) AHRQ 5 U18 HS020516 The objectives of this project are to expand on existing pediatric quality measures and advance the development of new and emerging quality measures. Role: Co-investigator.
<i>Applications Under Review</i>	
	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.
<i>Unfunded Applications</i>	
	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 13 th 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.

HONORS AND AWARDS

1985 Academic Honors, Moremi High School, Ile-Ife, Nigeria.

- 1991 Certificate of Merit-*Journal club*, 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 16th 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 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.
- 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.

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, Sub-board of pediatric critical care medicine, American Board of Pediatrics.
- Reviewer, Pediatrics.
- Reviewer, Canadian Medical Association Journal.
- Reviewer, Critical Care Medicine.
- Reviewer, Journal of Pediatrics.
- Reviewer, Intensive Care Medicine.
- Reviewer, Pediatric Critical Care Medicine.
- Reviewer, BMC Pediatrics.
- Reviewer, Hospital Pediatrics.
- 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, Alaska.
Bryan Lin, MD	2008 - 2011	Anesthesiologist, Saint Joseph Hospital, Ann Arbor, MI.
Rebecca Miller, MD	2009 - 2011	General Pediatrician, Washington.
Brian Benneyworth, MD	2009 - 2012	Pediatric Intensivist, Indiana University, Indiana.
Karen Fauman, MD	2009 - 2010	Pediatric Intensivist, Tufts New England Medical Center, Boston, Massachusetts.
Tsovinar Arutyunyan, MD	2011 - 2013	Pediatric Intensivist, University of Michigan, MI.
Ryan Barbaro, MD	2012 - 2014	Pediatric Intensivist, University of Michigan, MI.

Brian Jordan, MD	2013 - 2014	Neonatologist, Oregon Health Sciences University.
Michelle White, MD	2013 -	Fellow, Pediatric Cardiology, University of Michigan, MI.
Lauren Yagiela, MD	2014 -	Fellow, Pediatric Intensive Care, University of Michigan, MI.

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	Fellow, Pediatric Nephrology, University of Michigan, MI.
Stephen Gorga, MD	2012 - 2015	Chief Pediatric resident, University of Michigan.
Clinton Cochran, MD	2013 -	Resident in Pediatrics, University of Michigan.
Julianne Wilke, MD	2014 -	Resident in Pediatrics, University of Michigan.
Rohit Madani, MD	2015 -	Resident in Pediatrics, University of Michigan.

COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE

National

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

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

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

Member, Research Committee, Pediatric Trauma Society.

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

Member, PODIUM: Pediatric Organ Dysfunction Information Update Mandate

Co-Chair, Data Analysis/Validation subgroup, PODIUM

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.

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

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.

Departmental

Member, Pediatric Resident Scholarly Activity Committee, 2010 – Present.

Elected member, Department of Pediatrics 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 –

Member, Department of Pediatrics Diversity Committee, 2014 –

Member, Pediatric chronic ventilator data registry set-up committee 06-09, 2015

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.

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.

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.

Pediatric Grand Rounds

- 5/12/2010 **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.
- 9/6/2013 **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. Arutyunyan T, **Odetola FO**. Airway Foreign Body: When Imaging is not enough. *Clin Pediatr (Phila)*. 2014;53:186-8
28. 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

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* 2014;18:1-7 [Epub ahead of print]
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 Jun 16. [Epub ahead of print]
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):1-6.
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 Jan 19. [Epub ahead of print]
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 Feb 1. [Epub ahead of print]
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*. 2016 Feb 14. pii: 0885066616631325. [Epub ahead of print]
42. White MJ, Locco EC, Goble MM, Yu S, Duquette D, Davis MM, **Odetola FO**, Russell MW. *J Pediatr*. 2016 Feb 27. pii: S0022-3476(16)00158-X. doi: 10.1016/j.jpeds.2016.02.010. [Epub ahead of print]

Articles in press

Articles submitted for peer review

1. 2014 ACCM Clinical practice parameters for hemodynamic support of pediatric and neonatal septic shock. *Crit Care Med*
2. **Odetola FO**. Pediatric Multiple Organ Dysfunction Syndrome: All-cause and Disease-specific Incidence, Prevalence, and Risk Factors. *Pediatr Crit Care Med*
3. White MJ, Locco EC, Goble MM, Yu S, Duquette D, **Odetola FO**, Russell MW. High School Cardiac Emergency Response Plans and Sudden Cardiac Death in the Young in Michigan. *Health Behavior and Policy Review*
4. Arutyunyan T, Swieringa R, **Odetola FO**, Niedner M. Religion and Spiritual Care in Pediatric Intensive Care Unit: Parental Attitudes Regarding Physician Spiritual and Religious Inquiry. *Pediatr Crit Care Med*
5. **Odetola FO**, Anspach RR, Han YY, Clark SJ. Interhospital Transfer of Children in Respiratory Failure: A Clinician Interview Qualitative Study. *Annals ATS*.

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).
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