





Peter Meaney

Clinical Professor, Pediatrics - Critical Care

 Curriculum Vitae available Online  Resume available Online

CLINICAL OFFICE (PRIMARY)

- **Division of Pediatric Critical Care**

770 Welch Rd Ste 435

MC 5876

Palo Alto, CA 94304

Tel (650) 497-8850 **Fax** (650) 736-9186

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Nancy Calderon Valenzuela - Administrative Associate

Email nancyv1@stanford.edu

Tel 650-497-4677

Bio

BIO

I am a pediatric critical care physician and clinician-operator focused on improving how clinically serious interventions and technologies are adopted, implemented, and scaled in real-world care environments.

My work sits at the intersection of clinical workflow, behavior change, evidence generation, and deployment across complex health systems. I focus on a core problem in healthcare: clinically valid interventions often fail not because they do not work, but because they do not fit workflow, align stakeholders, or scale beyond early pilots.

Across resuscitation science, adaptive learning systems, and pediatric acute care, I have led efforts that translate frontline clinical reality into implementation strategy, performance measurement, and repeatable deployment models. This includes defining CPR quality metrics later embedded in commercial feedback devices and digital training platforms, as well as building and scaling adaptive learning and performance systems across hospital networks.

My current work focuses on Pediatric Acute Care Education (PACE), an adaptive digital platform designed to improve provider performance in high-acuity care settings. This work emphasizes workflow integration, provider engagement, real-world performance data, and scalable implementation across diverse health systems.

I am particularly interested in clinically serious medtech and tech-enabled care models where success depends on aligning product design, clinical workflow, stakeholder incentives, and implementation strategy to enable adoption at scale.

CLINICAL FOCUS

- Pediatric Critical Care Medicine

ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Critical Care
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Associate Program Director, T-32 Pediatric Subspecialty Global Health Fellowship, (2022-2026)

HONORS AND AWARDS

- Faculty Fellow, Stanford Biodesign (2025-2026)
- Faculty Fellow, Center for Innovation in Global Health (CIGH) (2018-2026)

PROFESSIONAL EDUCATION

- Medical Education: Virginia Commonwealth University School of Medicine (1998) VA
- MPH, Harvard School of Public Health , Quantitative Methods (2004)
- Fellowship: Childrens Hospital of Philadelphia Pediatric Critical Care Fellowship (2005) PA
- Board Certification: Pediatric Critical Care Medicine, American Board of Pediatrics (2006)
- Board Certification: Pediatrics, American Board of Pediatrics (2002)
- Residency: University of Massachusetts Medicine and Pediatric Residency (2002) MA

COMMUNITY AND INTERNATIONAL WORK

- Saving Children's Lives — Pediatric Acute Care Implementation Program, Botswana
- Pediatric Acute Care Education (PACE), Tanzania
- Mwanza Clinical Learning Network, Tanzania

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Meaney's work focuses on a central problem in healthcare delivery: clinically valid interventions and technologies often fail to achieve adoption and sustained use in real-world environments. His research and implementation efforts examine how clinical workflow, behavior change, stakeholder incentives, and system constraints determine whether interventions succeed beyond early pilots.

His work sits at the intersection of clinical care, implementation strategy, and performance systems. Across resuscitation science, adaptive learning platforms, and pediatric acute care, he has led efforts to translate frontline clinical reality into scalable models for deployment across hospitals and health systems. This includes defining measurable performance standards, developing workflow-aligned implementation approaches, and using real-world data to iteratively improve adoption and effectiveness.

A major focus of his current work is the development and deployment of adaptive digital learning and performance platforms designed to improve provider proficiency in high-acuity care settings. These systems integrate engagement data, performance measurement, and workflow-aware design to support sustained behavior change and reliable execution in complex clinical environments.

His work emphasizes the transition from "it works" to "it fits" to "it scales," with particular attention to the barriers that prevent clinically sound interventions from achieving system-wide impact. He is particularly interested in clinically serious medtech and care delivery models where success depends on aligning product design, clinical workflow, implementation strategy, and stakeholder-specific value.

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Pediatric Critical Care Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Evaluating the implementation of the Pediatric Acute Care Education (PACE) program in northwestern Tanzania: a mixed-methods study guided by normalization process theory.** *BMC health services research*
Mwanga, J. R., Hokororo, A., Ndosu, H., Masenge, T., Kalabamu, F. S., Tawfik, D., Mediratta, R. P., Rozenfeld, B., Berg, M., Smith, Z. H., Chami, N., Mkopi, N. P., Mwanga, et al
2024; 24 (1): 1066
- **Evaluating the Implementation of the Pediatric Acute Care Education (PACE) Program in Northwestern Tanzania: A Mixed-Methods Study Guided by Normalization Process Theory.** *Research square*
Mwanga, J. R., Hokororo, A., Ndosu, H., Masenge, T., Kalabamu, F. S., Tawfik, D., Mediratta, R. P., Rozenfeld, B., Berg, M., Smith, Z. H., Chami, N., Mkopi, N. P., Mwanga, et al
2024
- **Implementing adaptive e-learning for newborn care in Tanzania: an observational study of provider engagement and knowledge gains.** *BMJ open*
Meaney, P. A., Hokororo, A., Ndosu, H., Dahlen, A., Jacob, T., Mwanga, J. R., Kalabamu, F. S., Joyce, C. L., Mediratta, R., Rozenfeld, B., Berg, M., Smith, Z. H., Chami, et al
2024; 14 (2): e077834
- **Physical Realism of Simulation Training for Health Care in Low- and Middle-Income Countries-A Systematic Review.** *Simulation in healthcare : journal of the Society for Simulation in Healthcare*
Issa, M., Furia, F., Whaiba, A., Meaney, P. A., Shilkofski, N., Donoghue, A., Lockey, A., Society for Simulation in Healthcare
2024; 19 (1S): S41-S49
- **Development of pediatric acute care education (PACE): An adaptive electronic learning (e-learning) environment for healthcare providers in Tanzania.** *Digital health*
Meaney, P. A., Hokororo, A., Masenge, T., Mwanga, J., Kalabamu, F. S., Berg, M., Rozenfeld, B., Smith, Z., Chami, N., Mkopi, N., Mwanga, C., Agweyu, A.
2023; 9: 20552076231180471
- **Feasibility of an Adaptive E-Learning Environment to Improve Provider Proficiency in Essential and Sick Newborn Care in Mwanza, Tanzania.** *medRxiv : the preprint server for health sciences*
Meaney, P., Hokororo, A., Ndosu, H., Dahlen, A., Jacob, T., Mwanga, J. R., Kalabamu, F. S., Joyce, C., Mediratta, R., Rozenfeld, B., Berg, M., Smith, Z., Chami, et al
2023
- **Knowledge acquisition and retention following Saving Children's Lives course for healthcare providers in Botswana: a longitudinal cohort study.** *BMJ open*
Meaney, P. A., Joyce, C. L., Setlhare, S., Smith, H. E., Mensinger, J. L., Zhang, B., Kalenga, K., Kloock, D., Kgosiesele, T., Jibril, H., Mazhani, L., de Caen, A., Steenhoff, et al
2019; 9 (8): e029575
- **Feasibility and preliminary validity evidence for remote video-based assessment of clinicians in a global health setting.** *PLoS one*
Smith, K. A., Setlhare, S. n., DeCaen, A. n., Donoghue, A. n., Mensinger, J. L., Zhang, B. n., Snow, B. n., Zambo, D. n., Ndlovu, K. n., Littman-Quinn, R. n., Bhanji, F. n., Meaney, P. A.
2019; 14 (8): e0220565
- **Knowledge Accrual Following Participation in Pediatric Fundamental Critical Care Support Course in Gaborone, Botswana*** *PEDIATRIC CRITICAL CARE MEDICINE*
Cox, M., Afonso, N., Mazhani, L., Kloock, D., Mysore, M., Roy, K., Setlhare, S., Daman, T., Meaney, P. A.
2018; 19 (8): E417–E424

- **Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015.** *Lancet (London, England)*
2017
- **Impact of contextualized pediatric resuscitation training on pediatric healthcare providers in Botswana** *RESUSCITATION*
Wright, S. W., Steenhoff, A. P., Elci, O., Wolfe, H. A., Ralston, M., Kgosiesele, T., Makone, I., Mazhani, L., Nadkarni, V. M., Meaney, P. A.
2015; 88: 57–62
- **Cardiopulmonary Resuscitation Quality: Improving Cardiac Resuscitation Outcomes Both Inside and Outside the Hospital: A Consensus Statement From the American Heart Association (vol 128, pg 417, 2013)** *CIRCULATION*
Meaney, P. A.
2013; 128 (20): E408
- **Training hospital providers in basic CPR skills in Botswana: Acquisition, retention and impact of novel training techniques** *RESUSCITATION*
Meaney, P. A., Sutton, R. M., Tsimba, B., Steenhoff, A. P., Shilkofski, N., Boulet, J. R., Davis, A., Kestler, A. M., Church, K. K., Niles, D. E., Irving, S. Y., Mazhani, L., Nadkarni, et al
2012; 83 (12): 1484–90
- **Resuscitation training in developing countries: A systematic review** *RESUSCITATION*
Meaney, P. A., Topjian, A. A., Chandler, H. K., Botha, M., Soar, J., Berg, R. A., Nadkarni, V. M.
2010; 81 (11): 1462–72
- **FEASIBILITY TRIAL OF ADAPTIVE ELECTRONIC LEARNING FOR PEDIATRIC HEALTHCARE WORKERS IN TANZANIA**
Smith, Z., Hokororo, A., Masenge, T., Mwanga, J., Kalabamu, S., Berg, M., Rozenfeld, B., Xwatsal, E., Pastory, N., Msoke, I., Ndosi, H., Chami, N., Mkopi, et al
LIPPINCOTT WILLIAMS & WILKINS.2023: 423
- **FEASIBILITY TRIAL OF ADAPTIVE ELECTRONIC LEARNING FOR PEDIATRIC HEALTHCARE WORKERS IN TANZANIA**
Smith, Z., Hokororo, A., Masenge, T., Mwanga, J., Kalabamu, S., Berg, M., Rozenfeld, B., Xwatsal, E., Pastory, N., Msoke, I., Ndosi, H., Chami, N., Mkopi, et al
LIPPINCOTT WILLIAMS & WILKINS.2023: 423
- **Improved survival to hospital discharge in pediatric in-hospital cardiac arrest using 2 Joules/kilogram as first defibrillation dose for initial pulseless ventricular arrhythmia.** *Resuscitation*
Hoyme, D. B., Zhou, Y., Girotra, S., Haskell, S. E., Samson, R. A., Meaney, P., Berg, M., Nadkarni, V. M., Berg, R. A., Hazinski, M. F., Lasa, J. J., Atkins, D. L.
2020
- **Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Template for In-Hospital Cardiac Arrest A Consensus Report From a Task Force of the International Liaison Committee on Resuscitation (American Heart Association, European Resuscitation Council, Australian and New Zealand Council on Resuscitation, Heart and Stroke Foundation of Canada, InterAmerican Heart Foundation, Resuscitation Council of Southern Africa, Resuscitation Council of Asia)** *RESUSCITATION*
Nolan, J. P., Berg, R. A., Andersen, L. W., Bhanji, F., Chan, P. S., Donnino, M. W., Lim, S., Ma, M., Nadkarni, V. M., Starks, M. A., Perkins, G. D., Morley, P. T., Soar, et al
2019; 144: 166–77
- **Paediatric targeted temperature management post cardiac arrest: A systematic review and meta-analysis** *RESUSCITATION*
Buick, J. E., Wallner, C., Aickin, R., Meaney, P. A., de Caen, A., Maconochie, I., Skifvars, M. B., Welsford, M., Atkins, D., Bingham, R., Couto, T., Guerguerian, A., Hazinski, et al
2019; 139: 65–75
- **A systematic review and meta-analysis of the effect of dispatcher-assisted CPR on outcomes from sudden cardiac arrest in adults and children** *RESUSCITATION*
Nikolaou, N., Dainty, K. N., Couper, K., Morley, P., Tijssen, J., Vaillancourt, C., Olasveegen, T., Mancini, M., Travers, A., Lofgren, B., Nishiyama, C., Stanton, D., Ristagno, et al
2019; 138: 82-105
- **Paediatric targeted temperature management post cardiac arrest: A systematic review and meta-analysis.** *Resuscitation*
Buick, J. E., Wallner, C., Aickin, R., Meaney, P. A., de Caen, A., Maconochie, I., Skifvars, M. B., Welsford, M., International Liaison Committee on Resuscitation Pediatric Life Support Task Force, Meaney, P., Aickin, R., de Caen, A., Maconochie, I., et al

2019

- **2018 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary** *CIRCULATION*
Soar, J., Donnino, M. W., Maconochie, I., Aickin, R., Atkins, D. L., Andersen, L. W., Berg, K. M., Bingham, R., Boettiger, B. W., Callaway, C. W., Couper, K., Couto, T., de Caen, et al
2018; 138 (23): E714–E730
- **2018 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary** *RESUSCITATION*
Soar, J., Donnino, M. W., Maconochie, I., Aickin, R., Atkins, D. L., Andersen, L. W., Berg, K. M., Bingham, R., Boettiger, B. W., Callaway, C. W., Couper, K., Couto, T., de Caen, et al
2018; 133: 194–206
- **Effect of Defibrillation Dose and Waveform Characteristics on Defibrillation Success in Pediatric In-Hospital Cardiac Arrest**
Raymond, T. T., Duval-Arnould, J., Quan Weilun, Chai, S., Ryerson, L., Lasa, J., Meaney, P., Berg, R., Nadkarni, V., Niles, D., Silver, A., de Caen, A., Atkins, D.
LIPPINCOTT WILLIAMS & WILKINS.2018
- **2017 American Heart Association Focused Update on Pediatric Basic Life Support and Cardiopulmonary Resuscitation Quality An Update to the American Heart Association Guidelines for Cardio-pulmonary Resuscitation and Emergency Cardiovascular Care** *CIRCULATION*
Atkins, D. L., de Caen, A. R., Berger, S., Samson, R. A., Schexnayder, S. M., Joyner, B. L., Bigham, B. L., Niles, D. E., Duff, J. P., Hunt, E. A., Meaney, P. A.
2018; 137 (1): E1–E6
- **2017 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary** *CIRCULATION*
Olasveengen, T. M., de Caen, A. R., Mancini, M. E., Maconochie, I. K., Aickin, R., Atkins, D. L., Berg, R. A., Bingham, R. M., Brooks, S. C., Castren, M., Chung, S., Considine, J., Couto, et al
2017; 136 (23): E424–E440
- **2017 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary** *RESUSCITATION*
Olasveengen, T. M., de Caen, A. R., Mancini, M. E., Maconochie, I. K., Aickin, R., Atkins, D. L., Berg, R. A., Bingham, R. M., Brooks, S. C., Castren, M., Chung, S., Considine, J., Couto, et al
2017; 121: 201–14
- **Don't wait for the weight** *RESUSCITATION*
Fowler, J. C., Woods-Hill, C. Z., Meaney, P. A.
2017; 117: A3–A4
- **Improved Retention of Chest Compression Psychomotor Skills With Brief "Rolling Refresher" Training** *SIMULATION IN HEALTHCARE-JOURNAL OF THE SOCIETY FOR SIMULATION IN HEALTHCARE*
Niles, D. E., Nishisaki, A., Sutton, R. M., Elci, O. U., Meaney, P. A., O'Connor, K. A., Leffelman, J., Kramer-Johansen, J., Berg, R. A., Nadkarni, V.
2017; 12 (4): 213–19
- **Child and Adolescent Health From 1990 to 2015 Findings From the Global Burden of Diseases, Injuries, and Risk Factors 2015 Study** *JAMA PEDIATRICS*
Kassebaum, N., Hmwe Kyu, H., Zoeckler, L., Elizabeth Olsen, H., Thomas, K., Pinho, C., Bhutta, Z. A., Dandona, L., Ferrari, A., Ghiwot, T., Hay, S. I., Kinfu, Y., Liang, et al
2017; 171 (6): 573–92
- **Survival Rates Following Pediatric In-Hospital Cardiac Arrests During Nights and Weekends** *JAMA PEDIATRICS*
Bhanji, F., Topjian, A. A., Nadkarni, V., Praestgaard, A. H., Hunt, E. A., Cheng, A., Meaney, P. A., Berg, R. A., Amer Heart Assoc Get Guidelines-Re
2017; 171 (1): 39–45
- **Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015** *LANCET*
Lim, S. S., Allen, K., Bhutta, Z. A., Dandona, L., Forouzanfar, M. H., Fullman, N., Gething, P. W., Goldberg, E. M., Hay, S. I., Holmberg, M., Kinfu, Y., Kutz, M. J., Larson, et al
2016; 388 (10053): 1813-1850

- **Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015.** *Lancet (London, England)*
GBD 2015 Disease and Injury Incidence and Prevalence Collaborators, Vos, T., Allen, C., Arora, M., Barber, R. M., Bhutta, Z. A., Brown, A., Carter, A., Casey, D. C., Charlson, F. J., Chen, A. Z., Coggeshall, M., Cornaby, L., et al
2016; 388 (10053): 1545-1602
- **Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Wang, H., Bhutta, Z. A., Coates, M. M., Coggeshall, M., Dandona, L., Diallo, K., Franca, E., Fraser, M., Fullman, N., Gething, P. W., Hay, S. I., Kinfu, Y., Kita, et al
2016; 388 (10053): 1725-74
- **Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Forouzanfar, M. H., Afshin, A., Alexander, L. T., Anderson, H. R., Bhutta, Z. A., Biryukov, S., Brauer, M., Burnett, R., Cercy, K., Charlson, F. J., Cohen, A. J., Dandona, L., Estep, et al
2016; 388 (10053): 1659-1724
- **Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Kassebaum, N. J., Arora, M., Barber, R. M., Bhutta, Z. A., Carter, A., Casey, D. C., Charlson, F. J., Coates, M. M., Coggeshall, M., Cornaby, L., Dandona, L., Dicker, D. J., Erskine, et al
2016; 388 (10053): 1603-1658
- **Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Kassebaum, N. J., Barber, R. M., Bhutta, Z. A., Dandona, L., Gething, P. W., Hay, S. I., Kinfu, Y., Larson, H. J., Liang, X., Lim, S. S., Lopez, A. D., Lozano, R., Mensah, et al
2016; 388 (10053): 1775-1812
- **Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Vos, T., Allen, C., Arora, M., Barber, R. M., Bhutta, Z. A., Brown, A., Carter, A., Casey, D. C., Charlson, F. J., Chen, A. Z., Coggeshall, M., Cornaby, L., Dandona, et al
2016; 388 (10053): 1545-1602
- **Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Wang, H., Naghavi, M., Allen, C., Barber, R. M., Bhutta, Z. A., Carter, A., Casey, D. C., Charlson, F. J., Chen, A. Z., Coates, M. M., Coggeshall, M., Dandona, L., Dicker, et al
2016; 388 (10053): 1459-1544
- **Physiologic monitoring of CPR quality during adult cardiac arrest: A propensity-matched cohort study** *RESUSCITATION*
Sutton, R. M., French, B., Meaney, P. A., Topjian, A. A., Parshuram, C. S., Edelson, D. P., Schexnayder, S., Abella, B. S., Merchant, R. M., Bembea, M., Berg, R. A., Nadkarni, V. M., Amer Heart Assoc Get With
2016; 106: 76-82
- **Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2015: the Global Burden of Disease Study 2015** *LANCET HIV*
Wang, H., Wolock, T. M., Carter, A., Nguyen, G., Kyu, H. H., Gakidou, E., Hay, S. I., Mills, E. J., Trickey, A., Msemburi, W., Coates, M. M., Mooney, M. D., Fraser, et al
2016; 3 (8): E361-E387
- **The global burden of injury: incidence, mortality, disability-adjusted life years and time trends from the Global Burden of Disease study 2013** *INJURY PREVENTION*
Haagsma, J. A., Graetz, N., Bolliger, I., Naghavi, M., Higashi, H., Mullany, E. C., Abera, S., Abraham, J., Adofu, K., Alsharif, U., Ameh, E. A., Ammar, W., Antonio, et al
2016; 22 (1): 3-18
- **Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013** *LANCET*

- Forouzanfar, M. H., Alexander, L., Anderson, H. R., Bachman, V. F., Biryukov, S., Brauer, M., Burnett, R., Casey, D., Coates, M. M., Cohen, A., Delwiche, K., Estep, K., Frostad, et al
2015; 386 (10010): 2287-2323
- **Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition** *LANCET*
Murray, C. J., Barber, R. M., Foreman, K. J., Ozgoren, A. A., Abd-Allah, F., Abera, S. F., Aboyans, V., Abraham, J. P., Abubakar, I., Abu-Raddad, L. J., Abu-Rmeileh, N. M., Achoki, T., Ackerman, et al
2015; 386 (10009): 2145-2191
 - **Part 11: Pediatric Basic Life Support and Cardiopulmonary Resuscitation Quality 2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care** *CIRCULATION*
Atkins, D. L., Berger, S., Duff, J. P., Gonzales, J. C., Hunt, E. A., Joyner, B. L., Meaney, P. A., Niles, D. E., Samson, R. A., Schexnayder, S. M.
2015; 132 (18): S519-S525
 - **Part 6: Pediatric Basic Life Support and Pediatric Advanced Life Support 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations (Reprinted from Circulation, vol 132, pg S177-S203, 2015)** *PEDIATRICS*
De Caen, A. R., Aickin, R., Maconochie, I. K., Atkins, D. L., Biarent, D., Guerguerian, A., Kleinman, M. E., Kloeck, D. A., Meaney, P. A., Nadkarni, V. M., Ng, K., Nuthall, G., Reis, et al
2015; 136: S88-S119
 - **Part 11: Pediatric Basic Life Support and Cardiopulmonary Resuscitation Quality 2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care (Reprinted from Circulation, vol 132, pg S519-S525, 2015)** *PEDIATRICS*
Atkins, D. L., Berger, S., Duff, J. P., Gonzales, J. C., Hunt, E. A., Joyner, B. L., Meaney, P. A., Niles, D. E., Samson, R. A., Schexnayder, S. M.
2015; 136: S167-S175
 - **Part 6: Pediatric Basic Life Support and Pediatric Advanced Life Support 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations** *CIRCULATION*
de Caen, A. R., Maconochie, I. K., Aickin, R., Atkins, D. L., Biarent, D., Guerguerian, A., Kleinman, M. E., Kloeck, D. A., Meaney, P. A., Nadkarni, V. M., Ng, K., Nuthall, G., Reis, et al
2015; 132 (16): S177-S203
 - **Pediatric basic life support and pediatric advanced life support 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations** *RESUSCITATION*
Maconochie, I. K., de Caen, A. R., Aickin, R., Atkins, D. L., Biarent, D., Guerguerian, A., Kleinman, M. E., Kloeck, D. A., Meaney, P. A., Nadkarni, V. M., Ng, K., Nuthall, G., Reis, et al
2015; 95: E147-E168
 - **Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013** *LANCET*
Vos, T., Barber, R. M., Bell, B., Bertozzi-Villa, A., Biryukov, S., Bolliger, I., Charlson, F., Davis, A., Degenhardt, L., Dicker, D., Duan, L., Erskine, H., Feigin, et al
2015; 386 (9995): 743-800
 - **Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013** *LANCET*
Naghavi, M., Wang, H., Lozano, R., Davis, A., Liang, X., Zhou, M., Vollset, S. E., Ozgoren, A. A., Abdalla, S., Abd-Allah, F., Aziz, M. I., Abera, S. F., Aboyans, et al
2015; 385 (9963): 117-171
 - **PHYSIOLOGICAL MONITORING OF CPR QUALITY IS ASSOCIATED WITH IMPROVED SURVIVAL FROM CARDIAC ARREST**
Meaney, P., French, B., Parshuram, C., Schexnayder, S., Edelson, D., Abella, B., Merchant, R., Sutton, R.
LIPPINCOTT WILLIAMS & WILKINS.2014
 - **Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013** *LANCET*
Murray, C. J., Ortblad, K. F., Guinovart, C., Lim, S. S., Wolock, T. M., Roberts, D. A., Dansereau, E. A., Graetz, N., Barber, R. M., Brown, J. C., Wang, H., Duber, H. C., Naghavi, et al
2014; 384 (9947): 1005-1070

- **2010 American Heart Association recommended compression depths during pediatric in-hospital resuscitations are associated with survival** *RESUSCITATION*
Sutton, R. M., French, B., Niles, D. E., Donoghue, A., Topjian, A. A., Nishisaki, A., Leffelman, J., Wolfe, H., Berg, R. A., Nadkarni, V. M., Meaney, P. A.
2014; 85 (9): 1179–84
- **Does a Resuscitation Pharmacologic Bundle of Epinephrine, Terlipressin, and Corticosteroids Improve Outcome From Asphyxial Cardiac Arrest?** *PEDIATRIC CRITICAL CARE MEDICINE*
Berg, R. A., Meaney, P. A., Nadkarni, V. M.
2014; 15 (6): 573–74
- **Interdisciplinary ICU Cardiac Arrest Debriefing Improves Survival Outcomes** *CRITICAL CARE MEDICINE*
Wolfe, H., Zebuhr, C., Topjian, A. A., Nishisaki, A., Niles, D. E., Meaney, P. A., Boyle, L., Giordano, R. T., Davis, D., Priestley, M., Apkon, M., Berg, R. A., Nadkarni, et al
2014; 42 (7): 1688–95
- **Imagine what we will "know" tomorrow: The naked truth about cardiopulmonary resuscitation quality research** *RESUSCITATION*
Sutton, R. M., Wolfe, H., Meaney, P. A.
2014; 85 (6): 722–23
- **First quantitative analysis of cardiopulmonary resuscitation quality during in-hospital cardiac arrests of young children** *RESUSCITATION*
Sutton, R. M., Niles, D., French, B., Maltese, M. R., Leffelman, J., Eilevstjonn, J., Wolfe, H., Nishisaki, A., Meaney, P. A., Berg, R. A., Nadkarni, V. M.
2014; 85 (1): 70–74
- **Resuscitation game changer: The AHA CPR Quality Consensus Statement offers agencies a framework to maximize CPR quality & save more lives from cardiac arrest.** *JEMS : a journal of emergency medical services*
Bobrow, B. J., Meaney, P. A., Berg, R. A.
2014; 39 (1): 38-41
- **Simplified dispatcher instructions improve bystander chest compression quality during simulated pediatric resuscitation** *RESUSCITATION*
Rodriguez, S., Sutton, R. M., Berg, M. D., Nishisaki, A., Maltese, M., Meaney, P. A., Niles, D. E., Leffelman, J., Berg, R. A., Nadkarni, V. M.
2014; 85 (1): 119–23
- **Pushing harder, pushing faster, minimizing interruptions ... But falling short of 2010 cardiopulmonary resuscitation targets during in-hospital pediatric and adolescent resuscitation** *RESUSCITATION*
Sutton, R. M., Wolfe, H., Nishisaki, A., Leffelman, J., Niles, D., Meaney, P. A., Donoghue, A., Maltese, M. R., Berg, R. A., Nadkarni, V. M.
2013; 84 (12): 1680–84
- **Simplified Dispatcher-Assisted Pediatric CPR Instructions Improves Bystander Chest Compression Quality**
Rodriguez, S., Sutton, R. M., Berg, M. D., Nishisaki, A., Leffelman, J., Maltese, M. R., Niles, D. E., Meaney, P. A., Berg, R. A., Nadkarni, V. M.
LIPPINCOTT WILLIAMS & WILKINS.2013
- **Survival From Pediatric In-Hospital Cardiac Arrest is Worse at Night Compared With Days and Evenings: A Report From the AHA Get With the Guidelines-Resuscitation (GWTG=R) Registry**
Bhanji, F., Meaney, P. A., Praestgaard, A., Peberdy, M., Cheng, A., Hunt, E. A., Berg, R. A., Nadkarni, V.
LIPPINCOTT WILLIAMS & WILKINS.2013
- **Response to Letters Regarding Article, "Duration of Cardiopulmonary Resuscitation and Illness Category Impact Survival and Neurologic Outcomes for In-Hospital Pediatric Cardiac Arrests"** *CIRCULATION*
Matos, M. I., Watson, R., Nadkarni, V. M., Huang, H., Berg, R. A., Meaney, P. A., Carroll, C. L., Berens, R. J., Praestgaard, A., Weissfeld, L., Spinella, P. C.
2013; 128 (7): E102–E103
- **Cardiopulmonary Resuscitation Quality: Improving Cardiac Resuscitation Outcomes Both Inside and Outside the Hospital: A Consensus Statement From the American Heart Association** *CIRCULATION*
Meaney, P. A., Bobrow, B. J., Mancini, M. E., Christenson, J., de Caen, A. R., Bhanji, F., Abella, B. S., Kleinman, M. E., Edelson, D. P., Berg, R. A., Aufderheide, T. P., Menon, V., Leary, et al
2013; 128 (4): 417–35
- **Laundry Detergent "Pod" Ingestions A Case Series and Discussion of Recent Literature** *PEDIATRIC EMERGENCY CARE*
Beuhler, M. C., Gala, P. K., Wolfe, H. A., Meaney, P. A., Henretig, F. M.

2013; 29 (6): 743–47

- **Duration of Cardiopulmonary Resuscitation and Illness Category Impact Survival and Neurologic Outcomes for In-hospital Pediatric Cardiac Arrests** *CIRCULATION*
Matos, R. I., Watson, R., Nadkarni, V. M., Huang, H., Berg, R. A., Meaney, P. A., Carroll, C. L., Berens, R. J., Praestgaard, A., Weissfeld, L., Spinella, P. C., Amer Heart Assoc Get
2013; 127 (4): 442+
- **"ROLLING REFRESHER" CPR EDUCATION IMPROVES CHEST COMPRESSION PSYCHOMOTOR SKILL ACQUISITION AND RETENTION.**
Niles, D., O'Connor, K., Mellar, B., Leffelman, J., Sutton, R., Nishisaki, A., Berg, R., Meaney, P., Nadkarni, V.
LIPPINCOTT WILLIAMS & WILKINS.2012: U164–U165
- **Health hazards associated with laundry detergent pods - United States, May-June 2012.** *MMWR. Morbidity and mortality weekly report*
Centers for Disease Control and Prevention (CDC)
2012; 61 (41): 825-9
- **Cardiac arrest resuscitation "without walls": A concept of the past? The present?? The future???** *RESUSCITATION*
Meaney, P. A., Boyer, D. L.
2012; 83 (10): 1177–78
- **Evaluation of quantitative debriefing after pediatric cardiac arrest** *RESUSCITATION*
Zebuhr, C., Sutton, R. M., Morrison, W., Niles, D., Boyle, L., Nishisaki, A., Meaney, P., Leffelman, J., Berg, R. A., Nadkarni, V. M.
2012; 83 (9): 1124-1128
- **Repair of Anomalous Left Coronary Artery From Pulmonary Artery in an Infant With Respiratory Syncytial Virus Bronchiolitis** *WORLD JOURNAL FOR PEDIATRIC AND CONGENITAL HEART SURGERY*
Kirsch, R. E., DiMaria, M., Quartermain, M. D., Meaney, P. A., Fuller, S.
2012; 3 (2): 267–70
- **Evaluation of Quantitative Debriefing After Cardiac Arrest**
Zebuhr, C., Sutton, R., Morrison, W., Niles, D., Boyle, L., Nishisaki, A., Meaney, P., Leffelman, J., Berg, R., Nadkarni, V.
LIPPINCOTT WILLIAMS & WILKINS.2011
- **Low-Dose, High-Frequency CPR Training Improves Skill Retention of In-Hospital Pediatric Providers** *PEDIATRICS*
Sutton, R. M., Niles, D., Meaney, P. A., Aplenc, R., French, B., Abella, B. S., Lengetti, E. L., Berg, R. A., Helfaer, M. A., Nadkarni, V.
2011; 128 (1): E145–E151
- **Resuscitation training in developing countries: Importance of a stable program of formation of instructors Reply** *RESUSCITATION*
Meaney, P. A., Topjian, A. A., Chandler, H. K., Botha, M., Soar, J., Berg, R. A., Nadkarni, V. M.
2011; 82 (6): 780–81
- **"Booster" training: Evaluation of instructor-led bedside cardiopulmonary resuscitation skill training and automated corrective feedback to improve cardiopulmonary resuscitation compliance of Pediatric Basic Life Support providers during simulated cardiac arrest** *PEDIATRIC CRITICAL CARE MEDICINE*
Sutton, R. M., Niles, D., Meaney, P. A., Aplenc, R., French, B., Abella, B. S., Lengetti, E. L., Berg, R. A., Helfaer, M. A., Nadkarni, V.
2011; 12 (3): E116–E121
- **Effect of Defibrillation Energy Dose During In-Hospital Pediatric Cardiac Arrest** *PEDIATRICS*
Meaney, P. A., Nadkarni, V. M., Atkins, D. L., Berg, M. D., Samson, R. A., Hazinski, M., Berg, R. A.
2011; 127 (1): E16–E23
- **Acute Kidney Injury** *FUNDAMENTALS OF PEDIATRIC SURGERY*
Meaney, P. A., Meyers, K. E. C.
edited by Mattei, P.
2011: 73–82
- **DURATION OF CPR AND ILLNESS CATEGORY IMPACT IN-HOSPITAL PEDIATRIC CARDIAC ARREST OUTCOMES**
Matos, R., Watson, R., Nadkarni, V., Huang, H., Meaney, P., Carroll, C., Berg, R., Berens, R., Praestgaard, A., Spinella, P.
LIPPINCOTT WILLIAMS & WILKINS.2010: U126

- **"BOOSTER" TRAINING: LOW-DOSE, HIGH-FREQUENCY CARDIOPULMONARY RESUSCITATION (CPR) TRAINING IMPROVES SKILL RETENTION OF HOSPITAL-BASED PEDIATRIC PROVIDERS**
Sutton, R., Niles, D., Meaney, P., Aplenc, R., French, B., Abella, B., Berg, R., Helfaer, M., Nadkarni, V.
LIPPINCOTT WILLIAMS & WILKINS.2010: U17
- **Part 16: Education, Implementation, and Teams 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care** *CIRCULATION*
Bhanji, F., Mancini, M. E., Sinz, E., Rodgers, D. L., McNeil, M., Hoadley, T. A., Meeks, R. A., Hamilton, M., Meaney, P. A., Hunt, E. A., Nadkarni, V. M., Hazinski, M.
2010; 122 (18): S920–S933
- **Analysis of transthoracic impedance during real cardiac arrest defibrillation attempts in older children and adolescents: Are stacked-shocks appropriate?** *RESUSCITATION*
Niles, D. E., Nishisaki, A., Sutton, R. M., Brunner, S., Stavland, M., Mahadevaiah, S., Meaney, P. A., Maltese, M. R., Berg, R. A., Nadkarni, V. M.
2010; 81 (11): 1540–43
- **Part 12: Education, Implementation, and Teams 2010 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations** *CIRCULATION*
Mancini, M. E., Soar, J., Bhanji, F., Billi, J. E., Dennett, J., Finn, J., Ma, M., Perkins, G. D., Rodgers, D. L., Hazinski, M., Jacobs, I., Morley, P. T., Educ Implementation Teams Chapter
2010; 122 (16): 8539–81
- **Part 12: Education, implementation, and teams 2010 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations** *RESUSCITATION*
Soar, J., Mancini, M. E., Bhanji, F., Billi, J. E., Dennett, J., Finn, J., Ma, M., Perkins, G. D., Rodgers, D. L., Hazinski, M., Jacobs, I., Morley, P. T., Educ Implementation & Teams Chapte
2010; 81 (1): E288–E332
- **The problem of delayed inhospital defibrillation is obscured by poor time-interval data reply** *CRITICAL CARE MEDICINE*
Meaney, P., Berg, R. A., Nadkarni, V. M., Halperin, H. R., Kern, K. B., Indik, J. H.
2010; 38 (6): 1500
- **Women of child-bearing age have better inhospital cardiac arrest survival outcomes than do equal-aged men** *CRITICAL CARE MEDICINE*
Topjian, A. A., Localio, A., Berg, R. A., Alessandrini, E. A., Meaney, P. A., Pepe, P. E., Larkin, G., Peberdy, M., Becker, L. B., Nadkarni, V. M., Natl Registry Cardiopulm Resuscita
2010; 38 (5): 1254–60
- **Rhythms and outcomes of adult in-hospital cardiac arrest** *CRITICAL CARE MEDICINE*
Meaney, P. A., Nadkarni, V. M., Kern, K. B., Indik, J. H., Halperin, H. R., Berg, R. A.
2010; 38 (1): 101–8
- **"BOOSTER" TRAINING: BRIEF, PERIODIC, BEDSIDE MANIKIN CPR SKILL DEBRIEFING IMPROVES SKILL ACQUISITION AND RETENTION DURING SIMULATED INPATIENT WARD PEDIATRIC ARREST**
Sutton, R., Niles, D., Meaney, P., Aplenc, R., French, B., Lengetti, E., Berg, R., Helfaer, M., Nadkarni, V.
LIPPINCOTT WILLIAMS & WILKINS.2009: A272
- **Brief Bedside CPR Skill Debriefing and Automated Corrective Feedback During Simulated Pediatric Cardiac Arrest**
Sutton, R. M., Niles, D., Meaney, P., Aplenc, R., French, B., Abella, B. S., Lengetti, E., Berg, R. A., Helfaer, M. A., Nadkarni, V.
LIPPINCOTT WILLIAMS & WILKINS.2009: S1453
- **Epidemiology of Methicillin-Resistant Staphylococcus aureus Bacteremia in Gaborone, Botswana**
Wood, S. M., Shah, S. S., Bafana, M., Ratner, A. J., Meaney, P. A., Malefho, K. C. S., Steenhoff, A. P.
CAMBRIDGE UNIV PRESS.2009: 782–85
- **Short Report: Antibiotic Use in Pediatric Patients Admitted to a Referral Hospital in Botswana** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Fisher, B. T., Meaney, P. A., Shah, S. S., Irwin, S. A., Grady, C. A., Kurup, S., Malefho, K. C. S., Jibril, H., Steenhoff, A. P.
2009; 81 (1): 129–31
- **Vasopressin for in-hospital pediatric cardiac arrest: Results from the American Heart Association National Registry of Cardiopulmonary Resuscitation** *PEDIATRIC CRITICAL CARE MEDICINE*

Duncan, J. M., Meaney, P., Simpson, P., Berg, R. A., Nadkarni, V., Schexnayder, S., Natl Registry CPR Investigators
2009; 10 (2): 191–95

● **GENDER IS ASSOCIATED WITH SURVIVAL FROM IN-HOSPITAL CARDIAC ARREST**

Topjian, A., Meaney, P., Berg, R. A., Nadkarni, V., Alessandrini, E., Localio, R.
LIPPINCOTT WILLIAMS & WILKINS.2008: A148

● **Survival from in-hospital cardiac arrest during nights and weekends** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*

Peberdy, M., Ornato, J. P., Larkin, G., Braithwaite, R., Kashner, T., Carey, S. M., Meaney, P. A., Cen, L., Nadkarni, V. M., Praestgaard, A. H., Berg, R. A., Natl Registry Cardiopulm Resuscita
2008; 299 (7): 785–92

● **Rhythms and outcomes of adult in-hospital cardiac arrest**

Meaney, P. A., Nadkarni, V. M., Kern, K. B., Indik, J. H., Berg, R. A., Halperin, H.
LIPPINCOTT WILLIAMS & WILKINS.2007: A95

● **Higher survival rates among younger patients after pediatric intensive care unit cardiac arrests** *PEDIATRICS*

Meaney, P. A., Nadkarni, V. M., Cook, E., Testa, M., Helfaer, M., Kaye, W., Larkin, G., Berg, R. A., Amer Heart Assoc Natl Registry Car
2006; 118 (6): 2424–33

● **Outcomes of in-hospital ventricular fibrillation in children** *NEW ENGLAND JOURNAL OF MEDICINE*

Samson, R. A., Nadkarni, V. M., Meaney, P. A., Carey, S. M., Berg, M. D., Berg, R. A., Amer Heart Assoc Natl Registry CPR
2006; 354 (22): 2328–39

● **An exceedingly agitated patient** *PEDIATRIC EMERGENCY CARE*

Beno, S., Osterhoudt, K. C., Meaney, P.
2004; 20 (12): 845–48

● **In-hospital pediatric ventricular fibrillation: results from the national registry of CPR**

Samson, R. A., Berg, R. A., Berg, M. D., Nadkarni, Meaney, P.
LIPPINCOTT WILLIAMS & WILKINS.2004: 453–54