**CURRICULUM VITAE**

**Name:** Edward Vincent S. Faustino, M.D., M.H.S.

**School:** Yale School of Medicine

**Education:** B.S. Basic Medical Sciences *Magna cum Laude*, College of Medicine, University of the Philippines, 1994

M.D. *Magna cum Laude*, College of Medicine, University of the Philippines, 1997

 M.H.S. School of Medicine, Yale University, 2014

**Career/Academic Appointments:**

05/1996-04/1997 Rotating Intern, Philippine General Hospital, Manila, Philippines

03/1998-12/1998 Assistant Professor, Department of Physiology, College of Medicine, University of the Philippines-Manila, Manila, Philippines

01/1999-12/2001 Resident, Pediatrics, Philippine General Hospital, Manila, Philippines

01/2002-12/2002 Chief Resident, Pediatrics, Philippines General Hospital, Manila, Philippines

07/2003-06/2006 Postdoctoral Clinical and Research Fellow, Pediatric Critical Care, Yale University School of Medicine, New Haven, CT

07/2006-06/2008 Resident, Pediatrics, Yale New Haven Children’s Hospital, New Haven, CT

07/2008-06/2014 Assistant Professor, Department of Pediatrics, Yale University School of Medicine, New Haven, CT

06/2011-present Visiting Professor, Department of Pediatrics, College of Medicine, University of the Philippines-Manila, Manila, Philippines

07/2014-06/2022 Associate Professor, Department of Pediatrics, Yale University School of Medicine, New Haven, CT

07/2022-present Professor, Department of Pediatrics, Yale University School of Medicine, New Haven, CT

**Administrative Positions:**

07/2008-present Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) site coordinator

07/2008-06/2013 Chair, PICU Quality and Safety Committee

01/2010-12/2018 Member, Pediatric Protocol Review Committee

05/2010-12/2022 Member, Formulary Integration Committee

06/2010-present Member, BloodNet of PALISI

08/2010-06/2012 Associate Medical Director, Pediatric ICU

01/2011-06/2012 Member, Provider Advisory Group for Epic implementation at Yale-New Haven Health System

01/2011-12/2012 Founding Chair, Northeast Pediatric Critical Care Research Consortium

02/2011-12/2013 Chair, PICU Clinical Research Committee

02/2012-06/2013 Coordinator, Philippine General Hospital International Pediatric Lecture Series

07/2015-06/2018 Course Director, Yale School of Medicine Department of Pediatrics’ Academic Work in Progress

07/2017-12/2019 Subject Matter Expert, Yale-New Haven Children’s Hospital CVC-VTE Steering Committee

05/2018-present Site Champion, Institute for Advanced Clinical Trials for Children

01/2019-06/2022 Co-Chair, Pediatric Protocol Review Committee

09/2020-08/2023 Scientific Committee Member-at-Large, PALISI

08/2021-07/2023 Research Committee Member, University of the Philippines Medical Alumni Society in America

10/2021-present Co-chair, Scientific and Standardization Subcommittee on Pediatric and Neonatal Thrombosis and Hemostasis, International Society on Thrombosis and Hemostasis

01/2022-08/2023 Scientific Committee Member-at-Large, BloodNet

07/2022-present Chair, Pediatric Protocol Review Committee

09/2023-present Executive Committee Member, PALISI

09/2023-present Director of Trainee Research, Department of Pediatrics, Yale School of Medicine

**Yale University Service:**

2014-2015 Thesis Reviewer, Pediatrics Thesis Committee, Yale School of Medicine

2017 Thesis Reviewer, PA Master Thesis Committee, Yale School of Medicine

2020-present Advisory Committee Member, JH Milstone Fund, Yale School of Medicine

2021-2023 Search Committee Member, Section Chief of Endocrinology (Pediatrics), Yale School of Medicine

2023-present Member, Yale Institutional Review Board

**Editorial Board:**

06/2016-11/2018 Associate Editor, Frontiers in Pediatrics Pediatric Hematology and Hematologic Malignancies

11/2018-09/2021 Associate Editor, Frontiers in Pediatrics Pediatric Critical Care

01/2019-06/2023 Editorial Board, Journal of Pediatrics

**Ad Hoc Journal Reviewer:**

1. Archives of Disease in Childhood
2. Blood Advances
3. BMC Cardiovascular Disorders
4. BMC Endocrine Disorders
5. BMC Health Services Research
6. BMC Pediatrics
7. BMC Research Notes
8. Cochrane Vascular
9. Critical Care Medicine
10. Clinical Pharmacology: Advances and Applications
11. European Journal of Pediatrics
12. Frontiers in Pediatrics
13. International Journal of Pediatric Endocrinology
14. International Journal of General Medicine
15. JAMA
16. JAMA Pediatrics
17. Joint Commission Journal on Quality and Patient Safety
18. Journal of Diabetes and its Complications
19. Journal of Parenteral and Enteral Nutrition
20. Journal of Pediatric Endocrinology and Metabolism
21. Journal of Pediatric Hematology and Oncology
22. Journal of Pediatric Intensive Care
23. Journal of Pediatrics
24. Journal of Perinatology
25. Journal of Thrombosis and Hemostasis
26. Lancet Child & Adolescent Health
27. New England Journal of Medicine
28. Pediatric Blood & Cancer
29. Pediatric Critical Care Medicine
30. Pediatrics
31. Pediatric Research
32. Pharmacy & Therapeutics
33. PLOS One
34. Proteomics Clinical Application
35. Thrombosis and Haemostasis
36. World Journal of Pediatrics

**Grant Reviewer:**

1. American Academy of Pediatrics
2. American Heart Association
3. Auckland Medical Research Foundation
4. Hemostasis and Thrombosis Research Society
5. Marsden Fund, Royal Society of New Zealand
6. National Institutes of Health
	1. SBIB-H82 – Clinical pediatric and fetal applications (5/2017; 10/2017)
	2. ZHD1 DSR-K90 – Point of care technologies for the evaluation and management of obstetrics, neonatal, and pediatric care patients, and for patients with disorders of reproductive tract and infertility (11/2017)
	3. ZHD1 DSR-A (50) – NICHD special emphasis panel (3/2018; 10/2019)
	4. CHHD-A – Pediatrics Subcommittee A (2018-2024)
	5. NRCS – Nursing and Related Clinical Study (10/2019)
	6. ZHD1 DSR-T (50) – NICHD Special Emphasis Panel (7/2020; 10/2021)
	7. CHHD-B – Pediatrics Subcommittee B (6/2021)

**Data and Safety Monitoring Board Membership:**

2012-2015 Effect of the Liraglutide on automated closed-loop glucose control in type 1 diabetes

Principal Investigator: Jennifer Sherr, MD, PhD

Role: Member

2015-2017 Mindfulness-based stress reduction in fibromyalgia: A dose-finding study

 Principal Investigator: Ather Ali, ND, MPH, MHS

 Role: Chair

2016-2017 A study to evaluate the safety, efficacy and pharmacokinetics of two doses of Arixtra (fondaparinux sodium) versus standard of care in treatment of venous thromboembolism in pediatric patients

 Sponsor: GlaxoSmithKline LLC and Aspen Pharmacare Holdings Ltd

 Role: Member

2019-2022 Effect of adiposity on hepatic and peripheral insulin resistance in type 1 diabetes

 Principal Investigator: Michelle van Name, MD

 Role: Independent safety monitor

2021-present PeRsonalizEd immunomodulation in pediatriC sepsIS-inducEd MODS (PRECISE) Trial

Principal Investigator: J. Michael Dean, MD, MBA

Role: Member

**Expert Panel Committee Membership:**

2014-2016 VTE Workgroup, Pediatric Trauma Society

2015-2016 Catheter-related thrombosis prevention and treatment in the pediatric population, International Society on Thrombosis and Hemostasis

2016-2021 Chair for the coagulation subgroup, NIH/NICHD Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Task Force

2016-present Venous thromboEmbolism Network U.S. pediatric committee

2018-2020 Expert panel member for the Michigan Appropriateness Guide for Infusion Catheters in Pediatric Patients (miniMAGIC)

2018-present Children’s Hospital Acquired Thrombosis (CHAT) Registry

2019-present Pulmonary embolism response team, International Society on Thrombosis and Hemostasis

2020-2020 Low cost ventilator workgroup, Philippines-American Academy of Science and Engineering

2020-present Modification of the OstreaVent for use in adults, OstreaVent Work Group

2020-2022 Vents for PHL

2021-present Prevention of venous thromboembolism, International Society on Thrombosis and Hemostasis

2023-present ASH Pediatric VTE Guideline Revision Panel

**Consultancy:**

2021 Pediatric VTE Advisory Board, Boehringer Ingelheim Pharmaceuticals, Inc.

2022 Dexcom Hospital Advisory Board, Dexcom

**Board Certification/Licensure:**

Board of Medicine, Philippines, 1997

Philippine Pediatric Society, 2003

Connecticut Physician Licensure, 2007

American Board of Pediatrics, General Pediatrics, 2008

American Board of Pediatrics, Pediatric Critical Care Medicine, 2010

**Professional Honors and Recognition:**

A) International/National/Regional

2022: University of the Philippines Medical Alumni Society in America Award of Excellence and Merit in Medical Education

2019: Bronze Snapshot Research Award at the 48th Critical Care Congress

2015: University of the Philippines College of Medicine-Philippine General Hospital Pediatrics Centennial Award in Research

2014: Top Abstract Award at the World Congress on Pediatric Intensive & Critical Care

2013: American Society for Clinical Investigation Young Physician-Scientist Award

2008: Eastern Society for Pediatric Research Trainee Travel Award

2007: Yale Johnson & Johnson Physician Scholar in International Health

2006: Eastern Society for Pediatric Research Trainee Travel Award

2005: Society for Pediatric Research Trainee Travel Award

2005: Eastern Society for Pediatric Research Trainee Travel Award

2003: First Place in the Philippine Pediatric Society Diplomate Examination

1997: Ten Outstanding Students of the Philippines

1997: First Place in the Philippine Physicians’ Licensure Examination

B) University

2012: Yale Center for Clinical Investigation Scholar Award

2011: Friends of the Yale New Haven Children's Hospital Young
Investigators Award

2001: Most Outstanding Resident Award

1997: Outstanding Graduate Award

1997: Most Outstanding Student of UP-Manila Award

1997: Most Outstanding Medical Graduate Award

1997: University and Medical Class Valedictorian

1997: Most Outstanding Intern Award

1995: Excellence in Physiology Award

**Active Grants:**

2021-present Age-Dependent Heterogeneity in the Efficacy of Prophylaxis with Enoxaparin Against Catheter-Associated Thrombosis in Critically Ill Children

 NICHD: R01HD106326

 Principal Investigator: E. Vincent S. Faustino, MD, MHS

2020-present Antithrombin Activity and Catheter-Associated Thrombosis in Critically Ill Children

 Grifols Shared Services of North America, Inc.

 Principal Investigator: E. Vincent S. Faustino, MD, MHS

2021-present A Phase 3 Randomized Controlled Trial of AZM for RSV-induced Respiratory Failure in Children

 NICHD: R01HD105678

 Principal Investigator: Michele Kong, MD

 Role: Site Principal Investigator

2022-present Transfusion and Organ Dysfunction in Pediatric Septic Shock (TROPICS) Study

 NHLBI: R01HL157208

 Principal Investigator: Jennifer Muszynski, MD

 Role: Site Principal Investigator

2022-present Yale Clinical and Translational Science Award

 NCATS: UL1TR001863

 Principal Investigator: Brian Smith, MD and John Krystal, MD

 Role: Faculty

2022-present Post-Acute Sequelae of SARS-CoV-2 Infection Initiative

 NHLBI: OT2HL161847

 Principal Investigator: Stuart Katz, MD, et al

 Role: Site Principal Investigator

**Previous Grants:**

2008-2014 Sedation Management in Pediatric Patients with Acute Respiratory Failure

 NHLBI: U01HL086649

 Principal Investigator: Martha Curley, RN, PhD

Role: Site Principal Investigator

2009-2011 Epidemiology of Central Venous Line-Related Deep Venous Thrombosis in Critically Ill Children

 Yale Pediatric Faculty Scholars Program

 Principal Investigator: E. Vincent S. Faustino, MD, MHS

2009-2014 Genetic Variations and Biomarkers in Children with Acute Lung Injury

 NHLBI: R01HL095410

 Principal Investigators: Michael Quasney, MD and Heidi Flori, MD

Role: Site Principal Investigator

2011-2014 Impact of Pharmacology on the Duration of Ventilation in Patients with Respiratory Failure

NHLBI: R01HL098087

 Principal Investigator: Athena Zuppa, MD

Role: Site Principal Investigator

2011-2014 Post-Thrombotic Syndrome in Critically Ill Children with Central Venous Lines

Friends of the Yale New Haven Children's Hospital Young
Investigators Award

 Principal Investigator: E. Vincent S. Faustino, MD, MHS

2012-2013 Long Term Complications of Central Venous Catheter-Related Deep Venous Thrombosis in Critically Ill Children

 New York Medical College Intramural Research Support Program

Role: Co-Investigator

2012-2014 Identification of Critically Ill Children at High Risk of Central Venous Catheter-Related Deep Venous Thrombosis

 Yale Center for Clinical Investigation

Yale Pediatric Faculty Scholars Program

 Principal Investigator: E. Vincent S. Faustino, MD, MHS

2012-2016 Heart and Lung Failure – Pediatric Insulin Titration Trial

 NHLBI: R01HL107681

 Principal Investigators: Michael Agus, MD and Vinay Nadkarni, MD

Role: Co-Investigator

2012-2016 Study of Coagulation and Fibrinolysis with Hyperglycemia in Critically Ill Children

NHLBI: R01HL114484

 Principal Investigator: Anil Sapru, MD

Role: Site Principal Investigator

2014-2017 Epidemiology of Deep Venous Thrombosis in Critically Ill Adolescents

 American Heart Association: 14CRP20490002

 Principal Investigator: E. Vincent S. Faustino, MD, MHS

2016-2017 Prevention of Central Venous Catheter-Associated Thrombosis in Critically

Ill Children

American Heart Association: 16GRNT31180018

 Principal Investigator: E. Vincent S. Faustino, MD, MHS

2017-2020 Prevention of Central Venous Catheter-Associated Thrombosis in Critically

Ill Children

NICHD: R21HD089131

 Principal Investigator: E. Vincent S. Faustino, MD, MHS

2017-2022 Ancillary to ABC PICU to study MOD in critically ill children

 NICHD: R01HD092471

 Principal Investigator: Anil Sapru, MD

 Role: Site Principal Investigator

2018-2022 Institute for Advanced Clinical Trials for Children

 FDA: U18FD006297

 Principal Investigator: Noel Gary, MD, et al

 Role: Site Principal Investigator

2019-2022 A Data-Driven Analysis of Pediatric Organ Dysfunction Patterns to Discover Sepsis Phenotypes

 NICHD: R21HD096402

 Principal Investigator: Nelson Sanchez-Pinto, MD

 Role: Site Principal Investigator

2020-2020 Design, Development and Validation of Automated Emergency Ventilator

 Philippine Department of Science and Technology: PCIEERD Project No. 8826

 Role: Co-Investigator

**Invited Lectures:**

2007: Pediatric Grand Rounds, Philippine General Hospital, Manila, Philippines, “Advances in ARDS”

2008: Pediatric Grand Rounds, Philippine General Hospital, Manila, Philippines, “Surviving Sepsis”

2008: Pediatric Grand Rounds, Metro Manila East Integrated Residency Program, Pasig City, Philippines, “Surviving Sepsis”

2010: National Association of Children’s Hospitals and Related Institutions PICU Focus Group Meeting, Fort Worth, TX, “Pharmacologic Prophylaxis of CVL-Related DVT in Critically Ill Children”

2010: Children’s Hospital of Philadelphia Visiting Professor Lecture, Philadelphia, PA, “Pharmacologic Thromboprophylaxis in Critically Ill Children”

2010: Teleconference Grand Rounds, Philippine General Hospital, Manila, Philippines, “Pathophysiologic Approach to the Management of Septic Shock”

2010: Unilab Medical Education & Development State of the Art Conference, Manila, Philippines, “Too Sweet, Too Hot but Not Too Salty: Current Topics in Pediatric Critical Care”, “What to Do? My Child Isn’t Acting Right” and “Pathophysiologic Approach to the Management of Septic Shock”

2010: Pediatric Grand Rounds, Philippine General Hospital, Manila, Philippines, “Pathophysiologic Basis of Acute Kidney Injury”

2011: 48th Philippine Pediatric Society Annual Convention, Manila, Philippines, “Critical Care Transition from the ER to the ICU: State of the Art Approach” and “Critical Care Transition from the ER to the ICU: Case Vignette”

2011: 1st Annual UP-PGH Pediatric Sepsis Workshop (convenor), Philippine General Hospital, Manila, Philippines, “Fluid Management in Sepsis and Dengue”, “Practice and Pitfalls of Aggressive Fluid Resuscitation in Sepsis” and “Cardiovascular Drug Therapy in Septic Shock”

2011: 31st Philippine Society of Nephrology Annual Convention, Mandaluyong City, Philippines, “Fluid Management in Sepsis and Dengue,” “Fundamentals of Pediatric CRRT” and “The Body-Kidney Interaction”

2011: Teleconference Lecture, Heartsrings, Mumbai, India, “Cardiopulmonary Interactions”

2012: Teleconference Grand Rounds, Philippine General Hospital, Manila, Philippines, “Fluid Management in Sepsis and Dengue”

2012: Pediatric Grand Rounds, Baystate Hospital, Springfield, MA, “Venous Thromboembolism in Children”

2012: Teleconference Lecture, Heartsrings, Mumbai, India, “Care of the Neonate after Single Ventricle Palliative Surgery”

2013: Pediatric Grand Rounds, Maria Fareri Children’s Hospital, Valhalla, NY, “Venous Thromboembolism in Children”

2013: Maria Fareri Children’s Hospital, Valhalla, NY, “Random Thoughts on Building a Research Program”

2013: Pediatric VTE in Acute and Chronic Illness Conference, Nationwide Children’s Hospital, Columbus, OH, “VTE and Critical Care”

2013: Annual Meeting, Connecticut Society for Respiratory Care, Plantsville, CT, “Use of APRV in Children”

2013: Plenary Session, Pediatric Academic Society, Washington, DC, “The Reality of Hypoglycemia in Pediatric Critical Illness, What's to Worry?”

2013: Typhoon Haiyan Fundraiser, Yale School of Medicine, New Haven, CT, “Healthcare in the Philippines”

2014: 2014 Society of Critical Care Medicine Annual Congress, San Francisco, CA, “Anticoagulation and Clots in the Pediatric ICU”

2014: 7th World Congress on Pediatric Intensive and Critical Care, Istanbul, Turkey, “The PROTRACT Study”

2014: Press Ganey Academic Medical Center Pediatric Special Interest Group, “Bridging the Gap: Nurse Participation in Daily Rounds”

2014: UP-PGH Department of Pediatrics 99th Founding Year (Pre-Centennial) Convention, Manila, Philippines, “Improving the Quality of Care in the ICU” and “Resuscitation in a Malnourished Child with Septic Shock”

2015: Topic Symposium, Pediatric Academic Society, San Diego, CA, “Prevention of Venous Thromboembolism in Hospitalized Children” and “Epidemiology of Venous Thromboembolism in Children”

2015: Symposium, American Diabetes Association 75th Scientific Sessions, Boston, MA, “Managing Hyperglycemia in the Intensive Care Unit”

2015: Visiting Professor Lecture, Cincinnati Children’s Medical Center, Cincinnati, OH, “Prevention of Catheter-Related Venous Thrombosis in Critically Ill Children”

2015: Respiratory Symposium, Stamford Hospital, Stamford, CT, “Respiratory Support for Critically Ill Children”

2016: 29th Annual Scientific Assembly of the Eastern Association of the Society for Trauma, San Antonio, TX, “VTE Prophylaxis in Pediatric Trauma”

2016: Keynote Lecture, Annual Meeting of the Canadian Pediatric Thrombosis and Hemostasis Network, Vancouver, BC, “Thromboprophylaxis in the PICU: CADVT a Marker of Systemic Disease?”

2016: 36th Annual Philippine-American Academy of Science and Engineering Meeting and Symposium**,** Washington, DC, **“**Phenotypic Clusters of Organ Failure in Critically Ill Children”

2017: UP-PGH Department of Pediatrics 51st Post-Graduate Course, Manila, Philippines, “Advances in Pediatric Sepsis”

2017: PALISI Faculty Course: Building Your Clinical Research Career, Montreal, QC, “How to make magic happen”

2018: Invited Lecture, Children’s Hospital of Richmond at VCU, Richmond, VA, “Catheter-Related Venous Thrombosis in Critically Ill Children”

2018: PALISI Fall 2018 Fellows Clinical Research Course, Boston, MA, “How Can Collaborative Research Help My Career?”

2018: Pediatric Influenza: 2019 Update, Department of Pediatrics and the Cohen Children’s Institute, Stamford Health, Stamford, CT, “Management of Critically Ill Children with Suspect Influenza”

2019: 48th Critical Care Congress, Society of Critical Care Medicine, San Diego, CA, “Monitoring Your Anticoagulation the One True Way!”

2019: American Society for Parenteral and Enteral Nutrition 2019 Nutrition Science & Practice Conference, Phoenix, AZ, “Hypoglycemia and the Pediatric Brain in Survivors of Tight Glucose Control − Flying Through the Danger Zone!”

2019: Hemostasis and Thrombosis Research Society/North American Society on Thrombosis and Hemostasis 2019 Scientific Symposium, New Orleans, LA, “Preventing Thrombosis in Critically Ill Children”

2019: HTRS Trainee Workshop, Pre-Hemostasis and Thrombosis Research Society/North American Society on Thrombosis and Hemostasis 2019 Scientific Symposium, New Orleans, LA, “Pediatric Clinical Aspects of HIT-T”

2019: Grand Rounds, University of Iowa Children’s Hospital, Iowa City, IA, “Prevention of Hospital-Acquired Venous Thromboembolism in Children”

2019: Iowa Hemostasis and Thrombosis Center Open House, University of Iowa Children’s Hospital, Iowa City, IA, “Pathophysiology of Artificial Surface Thrombosis”

2020: 40th Philippine American Academy of Scientists & Engineers Annual Scientific Meeting (Host), Manila, Philippines, “COVID-19: Epidemiology, Diagnostics and Therapeutics”

2020: Webinar, Philippine Pediatric Society Northern Luzon Chapter, Baguio City, Philippines, “Management of DKA in the PICU”

2020: Webinar, BloodNet of PALISI, “Coagulation Testing for the Pediatric Intensivist: I do not think it means what you think it means”

2021: 17th Annual Convention, Society of Pediatric Critical Care Medicine, Philippines, “Venous Thromboembolism in the Pediatric ICU”

2021: 17th Annual Convention, Society of Pediatric Critical Care Medicine, Philippines, “Mechanical Ventilation Strategies in PARDS”

2021: 50th Critical Care Congress, Society of Critical Care Medicine, USA, “Clinical Trials in Pediatric Hemostasis and Anticoagulation: How Do I Apply Trial Results in My Practice?”

2021: 21st Round Table Discussion, Department of Pediatrics, University of the Philippines-Philippine General Hospital, Manila, Philippines, “Neonatal Post Operative Monitoring and Management of Complications”

2021: 2021 American Society of Pediatric Hematology Oncology Conference, Portland, OR, “Understanding Challenges in Pediatric Thrombosis”

2021: University of Colorado VTE Steering Committee Meeting, Aurora, CO, “State of the Art in Prevention of Catheter-Associated VTE”

2021: The Best of SCCM Critical Care Congress, Abu Dhabi, UAE, “Clinical Trials in Pediatric Hemostasis and Anticoagulation: How Do I Apply Trial Results in My Practice?”

2022: 16th Annual meeting and 7th International Convention of the Philippine Society of Newborn Medicine, Manila, Philippines, “Coursing Through State of the Art Diagnostics – NIRS”

2022: PALISI Spring 2022 Clinical Research Course, San Diego, CA, “Specific Aims Overview: How to Write a Specific Aims Page”

2022: UPCM Health ’97: A Virtual Postgraduate Course, Manila, Philippines, “Infection to Sepsis Spectrum: Continuum from Maternal to Neonatal Infection”

2022: Hadassah University Hospital, Hadassah, Israel, “Prevention of Venous Thromboembolism in Critically Ill Children”

2022: Webinar, BloodNet of PALISI, “Pediatric Venous Thromboembolism (VTE): An Appraisal of Predictive Risk Factors, Prevention and Treatment”

2022: Pediatric Grand Rounds, Yale School of Medicine, New Haven, CT, “Building a Clinical Research Program: Lessons from Pediatric Critical Care”

2023: 19th Annual Convention, Society of Pediatric Critical Care Medicine, Manila, Philippines, “Care of Post-op Open Heart Surgery (Fluids and Mechanical Ventilator)”

2023: 19th Annual Convention, Society of Pediatric Critical Care Medicine, Manila, Philippines, “Transfusion and Anemia Expertise Initiative – Control/Avoidance of Bleeding (TAXI-CAB) Guidelines”

2023: Penn-CHOP Blood Center for Patient Care and Discovery Seminar Series, Philadelphia, PA, “Innovative Trial Designs to Study VTE Prophylaxis in Children”

2023: Pediatric Onco-Critical Care Symposium 2023 Symposium, Memphis, TN, “VTE prophylaxis in the Pediatric Onco-Critical Care Population”

**Professional Organizations:**

2023-present Honorary Member, Society of Pediatric Critical Care Medicine Philippines

2019-present Full Member, Philippine-American Academy of Science and Engineering

2017-present Member, International Society on Thrombosis and Haemostasis

2014-2018 Associate Member, Philippine-American Academy of Science and Engineering

2013-present Member, Society for Pediatric Research

2013-present Core Member, Hemostasis and Thrombosis Research Society

2011-present Member, University of the Philippines Medical Alumni Society in America

2011-present Fellow, Philippine Pediatric Society

2010-present Member, Society for Clinical and Translational Science

2008-present Fellow, American Academy of Pediatrics

2006-present Member, American Academy of Pediatrics

2004-present Member, Society of Critical Care Medicine

2003-present Member, Philippine Pediatric Society

2002-present Member, Child Health in Life and Development Foundation

**Bibliography:**

**Peer-Reviewed Original Research**

1. **Faustino EV** and Apkon M. Persistent hyperglycemia in critically ill children. *J Pediatr* 146: 30-34, 2005.
2. **Faustino EV** and Donnelly DF. An important functional role of persistent sodium current in carotid body hypoxia transduction. *J Appl Physiol* 101: 1076-84, 2006.
3. **Faustino EV** and Donnelly DF. Lamotrigine and phenytoin, but not amiodarone, impair peripheral chemoreceptor responses to hypoxia. *J Appl Physiol* 101: 1633-40, 2006.
4. Thompson BT, Orme JF, Zheng H, Luckett PM, Truwit JD, Willson DF, Duncan Hite R, Brower RG, Bernard GR, Curley MA, Steingrub JS, Sorenson DK, Sward K, Hirshberg E, Morris AH; Reengineering Critical Care Clinical Research Investigators. Multicenter validation of a computer-based clinical decision support tool for glucose control in adult and pediatric intensive care units. *J Diabetes Sci Technol* 2:357-68, 2008.
5. Sward K, Orme J Jr, Sorenson D, Baumann L, Morris AH; Reengineering Critical Care Clinical Research Investigators. Reasons for declining computerized insulin protocol recommendations: Application of a framework. *J Biomed Inform* 41: 488-97, 2008.
6. Morris AH, Orme J, Rocha BH, Holmen J, Clemmer T, Nelson N, Allen J, Jephson A, Sorenson D, Sward K, Warner H; Reengineering Critical Care Clinical Research Investigators. An electronic protocol for translation of research results to clinical practice: A preliminary report. *J Diabetes Sci Technol* 2: 802-8, 2008.
7. **Faustino EV** and Bogue CW. Relationship between hypoglycemia and mortality in critically ill children. *Pediatr Crit Care Med* 11: 690-98, 2010.
8. Faraon-Pogaceanu C, Banasiak KJ, Hirshberg EL and **Faustino EV**. Comparison of the effectiveness and safety of two insulin infusion protocols in the management of hyperglycemia in critically ill children. *Pediatr Crit Care Med* 11: 741-49, 2010.
9. **Faustino EV**, Lawson KA, Northrup V and Higgerson RA. Mortality-adjusted duration of mechanical ventilation in critically ill children with symptomatic central venous line-related deep venous thrombosis. *Crit Care Med* 39: 1151-56, 2011.
10. **Faustino EV**, Patel S, Thiagarajan RR, Cook, DJ, Northrup V and Randolph AG. Survey of pharmacologic thromboprophylaxis in critically ill children. *Crit Care Med* 39: 1773-78, 2011.
11. Thompson CD, Vital-Carona J and **Faustino EV**. The effect of tubing dwell time on insulin adsorption during intravenous insulin infusions. *Diabetes Technol Ther* 14:912-16, 2012.
12. Grant MJ, Scoppettuolo LA, Wypij D, Curley MA, RESTORE Investigative Team. Prospective evaluation of sedation-related adverse events in pediatric patients ventilated for acute respiratory failure. *Crit Care Med* 40:1317-23, 2012.
13. **Faustino EV**, Spinella PC, Li S, Pinto MG, Stoltz P, Tala J, Card ME, Northrup V, Baker KE, Goodman TR, Chen L and Silva CT. Incidence and acute complications of asymptomatic central venous catheter-related deep venous thrombosis in critically ill children. *J Pediatr* 162:387-91, 2013.
14. Hirshberg EL, Sward K, **Faustino EV**, Nadkarni V, Agus M, Morris AH and Lacroix J. Clinical equipoise regarding glycemic control: A survey of pediatric intensivist perceptions. *Pediatr Crit Care Med* 14:123-29, 2013.
15. Giuliano JS Jr, **Faustino EV**, Li S, Pinto MG, Canarie M, Carroll CL for the Northeast Pediatric Critical Care Research Consortium. Corticosteroid therapy in critically ill pediatric asthmatic patients. *Pediatr Crit Care Med* 14: 467-70, 2013.
16. Grant MJ, Balas MC, Curley MA, RESTORE Investigative Team. Defining sedation-related adverse events in the pediatric intensive care unit. *Heart Lung* 42:171-76, 2013.
17. Lebet R, Fineman LD, **Faustino EV** and Curley MA. Asking parents permission to enroll their child into a clinical trial: Best practices. *Am J Crit Care* 22:351-56, 2013.
18. Kandil SB, Spear D, Thomas NJ, Weinzimer SA and **Faustino EV**. Retrospective outcomes of glucose control in critically ill children. *J Diabetes Sci Technol* 7:1220-28, 2013.
19. **Faustino EV**, Hanson S, Spinella PC, Tucci M, O’Brien SH, Nunez AR, Yung M, Truemper E, Qin L, Li S, Marohn K, Randolph G, on behalf of the PROphylaxis against ThRombosis prACTice (PROTRACT) Study Investigators of the PALISI BloodNet. A multi-national study of thromboprophylaxis practice in critically ill children. *Crit Care Med* 42:1232-40, 2014.
20. Tala JA, Silva CT, Pemira S, Vidal E and **Faustino EV**. Blood glucose as a marker of venous thromboembolism in critically ill children. *J Thromb Haemost* 12:891-896, 2014.
21. Weiss SL, Fitzgerald JC, **Faustino EV**, Festa MS, Fink EL, Jouvet P, Bush JL, Kissoon N, Marshall J, Nadkarni VM and Thomas NJ.  Understanding the global epidemiology of pediatric critical illness: The power, pitfalls, and practicalities of point prevalence studies. *Pediatr Crit Care Med* 15:660-666, 2014.
22. Vidal E, Sharathkumar A, Glover J and **Faustino EV**. Central venous catheter-related thrombosis and thromboprophylaxis in children: A systematic review and meta-analysis. *J Thromb Haemost* 12:1096-1109, 2014.
23. Curley MA, Wypij D, Watson RS, Grant MJ, Asaro LA, Cheifetz IM, Dodson BL, Franck LS, Gedeit RG, Angus DC, Matthay MA; for the RESTORE Study Investigators and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Protocolized sedation vs. usual care in pediatric patients mechanically ventilated for acute respiratory failure: A randomized clinical trial. *JAMA* 313:379-389, 2015.
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22. Johnson RR and **Faustino EV**. Central venous catheter-associated deep vein thrombosis in critically ill pediatric patients: risk factors, prevention, and treatment. *Curr Opin Pediatr* 34:273-278, 2022.

**Invited Editorials and Commentaries**

1. **Faustino EV**. It’s time to ROCKIT: Predicting venous thrombosis in children after trauma. *Pediatr Crit Care Med* 17:458-459, 2016.
2. Kandil SB, Mahajan PV,**Faustino EV.** Vascular access in critically ill children. *Pediatrics* 145(Suppl 3): S296-S297, 2020.
3. **Faustino EV**. Predicting septic shock upon arrival to the emergency department. *J Pediatr* 217:2, 2020.
4. Murtha TD and**Faustino EV.** Is “informed consent” truly informed? *Pediatr Crit Care Med* 21:589-590, 2020.
5. Gupta A and **Faustino EV**. 50 Years ago in the Journal of Pediatrics: Diagnosis of coagulation defects in Reye syndrome. *J Pediatr* 229:117, 2021.
6. Ahmed A and **Faustino EV**. 50 Years ago in the Journal of Pediatrics: Rescuing infants with critical congenital heart disease. *J Pediatr* 246:160, 2022.

**Practice Guidelines, Standards and Consensus Statements**

1. Mahajerin A, Petty JK, Hanson SJ, Thompson AJ, O’Brien SH, Streck CJ, Petrillo TM and **Faustino EV**. Prophylaxis against venous thromboembolism in pediatric trauma: A practice management guideline from the Eastern Association for the Surgery of Trauma and the Pediatric Trauma Society. *J Trauma Acute Care Surg* 82: 627-636, 2017.
2. Ullman AJ, Bernstein SJ, Brown E, Aiyagari R, Doellman D,**Faustino EV**, Gore B, Jacobs JP, Jaffray J, Kleidon T, Mahajan PV, McBride CA, Morton K, Pitts S, Prentice E, Rivard DC, Shaughnessy E, Stranz M, Wolf J, Cooper DS, Cooke M, Rickard CM, Chopra V. The Michigan Appropriateness Guide for Intravenous Catheters in Children: miniMAGIC. *Pediatrics* 145(Suppl 3): S269-S284, 2020.
3. Sharathkumar A, **Faustino EV** and Takemoto CM. How we approach thrombosis risk in children with COVID-19 infection. *Pediatr Blood Cancer* 68:e29049, 2021.
4. PODIUM Collaborative. Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Contemporary Organ Dysfunction Criteria: Executive Summary. *Pediatrics* 149:S1-S12, 2022.
5. PODIUM Collaborative. Refining the Pediatric Multiple Organ Syndrome. *Pediatrics* 149:S13-S22, 2022.
6. PODIUM Collaborative. Scoring systems for organ dysfunction and multiple organ dysfunction: The PODIUM Consensus Conference. *Pediatrics* 149:S23-S31, 2022.
7. PODIUM Collaborative. Acute neurologic dysfunction criteria in critically ill children: The PODIUM Consensus Conference. *Pediatrics* 149:S32-S38, 2022.
8. PODIUM Collaborative. Cardiovascular dysfunction criteria in critically ill children: The PODIUM Consensus Conference. *Pediatrics* 149:S39-S47, 2022.
9. PODIUM Collaborative. Respiratory dysfunction criteria in critically ill children: The PODIUM Consensus Conference. *Pediatrics* 149:S48-S52, 2022.
10. PODIUM Collaborative. Gastrointestinal dysfunction criteria in critically ill children: The PODIUM Consensus Conference. *Pediatrics* 149:S53-S58, 2022.
11. PODIUM Collaborative. Acute liver dysfunction criteria in critically ill children: The PODIUM Consensus Conference. *Pediatrics* 149:S59-S65, 2022.
12. PODIUM Collaborative. Renal dysfunction criteria in critically ill children: The PODIUM Consensus Conference. *Pediatrics* 149:S66-S73, 2022.
13. PODIUM Collaborative. Hematologic dysfunction criteria in critically ill children: The PODIUM Consensus Conference. *Pediatrics* 149:S74-S78, 2022.
14. **Faustino EV**, Karam O, Parker RI, Hanson SJ, Brandao LR and Monagle P on behalf of the Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative. Coagulation dysfunction criteria in critically ill children: The PODIUM Consensus Conference. *Pediatrics* 149:S79-S83, 2022.
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17. PODIUM Collaborative. Endothelial dysfunction criteria in critically ill children: The PODIUM Consensus Conference. *Pediatrics* 149:S97-S102, 2022.
18. PODIUM Collaborative. Patterns of organ dysfunction in critically ill children based on PODIUM Criteria. *Pediatrics* 149:S103-S110, 2022.
19. Johnson RR and **Faustino EV**. Central venous catheter-associated deep vein thrombosis in critically ill pediatric patients: risk factors, prevention, and treatment. *Curr Opin Pediatr* 34:273-278, 2022.
20. Betensky M, Kulkarni K, Rizzi M, Jones S, Brandão LR, **Faustino EV**, Goldenberg NA and Sharathkumar A. Recommendations for standardized definitions, clinical assessment, and future research in pediatric clinically unsuspected venous thromboembolism: Communication from the ISTH SSC Subcommittee on Pediatric and Neonatal Thrombosis and Hemostasis. *J Thromb Haemost* 20:1729-1734, 2022.
21. Woods GM, Raffini L, Brandão LR, Jaffray J, Branchford BR, Ng CJ, Sartain SE, Pak J, Male C, Zia A, Rizzi M, Sirachainan N, **Faustino EV**, Carpenter SL and Goldenberg NA. Practical considerations and consensus opinion for children's hospital-based inpatient hemostasis and thrombosis (HAT) consultative services: Communication from the ISTH SSC Subcommittee on Pediatric and Neonatal Hemostasis and Thrombosis.*J Thromb Haemost* 20:2151-2158, 2022.

**Case Reports, Letters and Conference Papers**

1. **Faustino EV**, Batac EM, Cutiongco EM, and Martinez EG. Wilson disease: A report of two Filipino pediatric cases. *Philipp J Pediatr* 49:184-186, 2000.
2. **Faustino EV** and Cutiongco EM. Haplotype and mutation analysis in a Filipino patient with Wilson disease. *Philipp J Pediatr* 50:2-5, 2001.
3. **Faustino EV** and Apkon M. Hyperglycemia in critically ill children. Reply. *J Pediatr* 148:847-848, 2006.
4. Vidal E, Sharathkumar A, Glover J and **Faustino EV**. Central venous catheter-related thrombosis and thromboprophylaxis in children: A systematic review and meta-analysis: Reply. *J Thromb Haemost* 13:161-162, 2015.
5. **Faustino EV**, Gedeit R, Schwarz AJ, Asaro LA, Wypij D and Curley MAQ. Extubation readiness tests on pediatric critical care setting: Questions still unanswered: The authors reply. *Crit Care Med* 45:e333-e334, 2017.
6. Cabacungan P, Oppus C, Cabacungan N, Mamaradlo JP, Santiago PR, Mercado NA, **Faustino EV** and Tangonan G. Design and development of A-vent: A low-cost ventilator with cost-effective mobile cloud caching. *2021 IEEE Region 10 Symposium (TENSYMP)* 2021, pp. 1-8.

**Abstract Presentations:**

**International/National**

2022 Word Federation of Pediatric and Critical Care Societies, Virtual Congress, “The association between invasive mechanical ventilation and hospital-acquired venous thromboembolism: A multicenter, United States, registry-based, cohort study”

2021 Society of Critical Care Medicine, San Juan, PR, “Prophylactic enoxaparin dosing and quality of anticoagulation in critically ill children with CHD”

2021 International Society on Thrombosis and Haemostasis, “Outcomes of prophylactic enoxaparin against venous thromboembolism in hospitalized children”

2021 Society of Critical Care Medicine, Virtual Congress, “Risk assessment scoring for venous thromboembolism in critically ill adolescents”

2020 American Society of Hematology, Atlanta, GA, “Pulmonary embolus after catheter removal in children with central venous catheter related venous thromboembolism: A report from the CHAT Consortium”

2020 Pediatric Academic Societies Meeting, Philadelphia, PA, “Increasing enrollment of pediatric patients in a clinical research trial”

2020 Pediatric Academic Societies Meeting, Philadelphia, PA, “The Michigan Appropriateness Guide for Intravenous Catheters in Pediatrics: mini-MAGIC”

2019 American Society of Hematology, Orlando, FL, “The Children’s Hospital-Acquired Thrombosis (CHAT) Consortium admission risk-assessment models from traditional biostatistics and machine learning”

2019 American Society of Hematology, Orlando, FL, “Assessing venous thromboembolism risk in critically ill children: A report from the Children’s Hospital-Acquired Thrombosis (CHAT) Consortium”

2019 Society of Critical Care Medicine, San Diego, CA, “Epidemiology of clinically relevant bleeding in critically ill adolescents”

2019 Society of Critical Care Medicine, San Diego, CA, **“**Short-term adverse outcomes associated with hypoglycemia in critically ill children”

2018 Post Graduate Course of the European Society of Pediatric Radiology, Berlin, Germany, “The epidemiology of lower extremity venous thromboembolism in critically ill adolescents”

2018 Pediatric Academic Society’s Annual Meeting, Toronto, Canada, “Sera from children after cardiopulmonary bypass reduces permeability of capillary endothelial cell barriers”

2018 American Society for Parenteral and Enteral Nutrition, Nutrition Science and Practice Conference, Las Vegas, NV, “Underfeeding is associated with better clinical outcomes in critically ill children with hyperglycemia than target feeding or overfeeding”

2018 Society of Critical Care Medicine, San Antonio, TX, “Timing of nutrition initiation and clinical outcomes in critically ill children with hyperglycemia”

2017 International Society on Thrombosis and Hemostasis, Berlin, Germany, “External validation of risk prediction models for catheter-associated thrombosis in critically ill children”

2017 Society of Critical Care Medicine, Honolulu, HI, **“**Epidemiology of deep venous thrombosis in critically ill adolescents”

2017 Society of Critical Care Medicine, Honolulu, HI, **“**Phenotypic clusters of organ failure in critically ill children”

2017 Society of Critical Care Medicine, Honolulu, HI, “Epidemiology of bleeding in critically ill children”

2016 Society for the Advancement of Blood Management, Grand Rapids, MI, “Hemoglobin levels across the pediatric critical care spectrum: A point prevalence study”

2016 World Congress on Pediatric Intensive and Critical Care, Toronto, Canada,“Prediction of catheter-associated thrombosis in critically ill children”

2016 Pediatric Academic Society, Baltimore, MD, “Impact of thrombophilia on catheter-associated deep venous thrombosis in children: A meta-analysis”

2016 Pediatric Academic Society, Baltimore, MD, “Clinical equipoise on prophylaxis against catheter-associated thrombosis in critically ill children”

2015 Pediatric Trauma Society, Scottsdale, AZ, “Variability in guidelines for venous thromboembolism prophylaxis after pediatric trauma”

2015 American Society of Nephrology, San Diego, CA. “The epidemiology and outcome of worldwide acute kidney injury in critically ill children: A prospective multinational study”

2015 American Society of Nephrology, San Diego, CA, “The renal angina index identifies patients at high-risk of acute kidney injury; Analysis from AWARE: A prospective multinational study of AKI in critically ill children”

2014 Pediatric Critical Care Colloquium, Huntington Beach, CA, “Factors associated with continuous heparin infusion for central venous catheter patency in critically ill children worldwide”

2014 World Congress on Pediatric Intensive and Critical Care, Istanbul, Turkey, “Identifying critically ill children at risk of catheter-related venous thrombosis”

2014 Pediatric Academic Society, Vancouver, BC, “Post-thrombotic syndrome after cardiac catheterization in children with congenital heart disease”

2014 Society for Clinical and Translational Science, Washington, DC, “Identifying critically ill children at risk of catheter-related venous thrombosis”

2013 American Society for Clinical Investigation, Chicago, IL, “Annual hospital cost of venous thromboembolism in children”

2013 National Teaching Institute and Critical Care Exposition of the American Association of Critical Care Nurses, Boston, MA, “Nurses make the PICU go round: Nurse presentation on daily rounds”

2013 Pediatric Academic Society, Washington, DC, “Characteristics associated with thromboprophylaxis in critically ill children”

2013 Society for Clinical and Translational Science, Washington, DC, “Characteristics associated with thromboprophylaxis in critically ill children”

2013 Pediatric Academic Society, Washington, DC, “Central venous catheter use and thromboprophylaxis in critically ill children”

2012 European Society of Paediatric Radiology, Athens, Greece, “Incidence and complications of asymptomatic central venous catheter-related deep venous thrombosis in critically ill children”

2012 American Academy of Pediatrics, New Orleans, LA, “Hyperglycemia increases the risk of deep venous thrombosis in non-diabetic critically ill children”

2012 American Academy of Pediatrics, New Orleans, LA, “RSV related apnea - A multicenter regional review of incidence, risk factors and outcomes”

2012 Eastern Society for Pediatric Research, Philadelphia, PA, European Society of Paediatric Radiology, Athens, Greece and Pediatric Academic Society, Boston, MA, “Incidence and complications of asymptomatic central venous catheter-related deep venous thrombosis in critically ill children”

2012 Pediatric Academic Society, Boston, MA, “Variations in the treatment of critically ill children with bronchiolitis”

2012 Pediatric Academic Society, Boston, MA, “Factors associated with respiratory failure in children with RSV bronchiolitis: a multicenter regional review”

2012 Pediatric Academic Society, Boston, MA, “Effect of dwell time on insulin infusion delivery”

2012 Pediatric Academic Society, Boston, MA, “Corticosteroid therapy in critically ill pediatric asthmatic patients”

2012 Nursing Quality Conference, American Nurses Association, Las Vega, NV, “Prevention of VAP in the Yale-New Haven Children’s Hospital PICU”

2011 Pediatric Academic Society, Denver, CO, “Duration of central venous line is not associated with increased deep venous thrombosis in critically ill children”

2011 Pediatric Academic Society, Denver, CO, “Outcomes of tight glycemic control in critically ill children”

2010 Pediatric Academic Society, Vancouver, BC, “Duration of mechanical ventilation in critically ill children with symptomatic central venous line-related deep venous thrombosis”

2010 American Academy of Pediatrics, Washington, DC, “Safety and effectiveness of tight glycemic control using an insulin infusion protocol in critically ill children”

2008 Pediatric Academic Society, Honolulu, HI, “Hypoglycemia in critically ill children”

2006 Pediatric Academic Society, San Francisco, CA, “Lamotrigine and phenytoin, but not amiodarone, impair peripheral chemoreceptor responses to hypoxia”

2005 Pediatric Academic Society, Washington, DC, “Persistent sodium currents play an essential role in the ventilatory and carotid chemoreceptor response to hypoxia”

2004 Pediatric Critical Care Colloquium, New York, NY, “Hyperglycemia in critically ill children”

**Regional**

2013 Eastern Society for Pediatric Research, Philadelphia, PA, “Characteristics associated with thromboprophylaxis in critically ill children”

2012 Eastern Society for Pediatric Research, Philadelphia, PA, “Incidence and complications of asymptomatic central venous catheter-related deep venous thrombosis in critically ill children”

2012 Eastern Society for Pediatric Research, Philadelphia, PA, “Effect of dwell time on insulin infusion delivery”

2012 Eastern Society for Pediatric Research, Philadelphia, “Corticosteroid therapy in critically ill pediatric asthmatic patients”

2011 Eastern Society for Pediatric Research, Philadelphia, PA, “Duration of central venous line is not associated with increased deep venous thrombosis in critically ill children”

2011 Eastern Society for Pediatric Research, Philadelphia, PA, “Outcomes of tight glycemic control in critically ill children”

2010 Eastern Society for Pediatric Research, Philadelphia, PA, “Duration of mechanical ventilation in critically ill children with symptomatic central venous line-related deep venous thrombosis”

2008 Eastern Society for Pediatric Research, Philadelphia, PA, “Hypoglycemia in critically ill children”

2006 Eastern Society for Pediatric Research, Old Greenwich, CT, “Lamotrigine and phenytoin, but not amiodarone, impair peripheral chemoreceptor responses to hypoxia”

2005 Eastern Society for Pediatric Research, Old Greenwich, CT, “Persistent sodium currents play an essential role in the ventilatory and carotid chemoreceptor response to hypoxia”