The American College of Critical Care Medicine

33rd Annual Convocation of Fellows &

Society of Critical Care Medicine
The Intensive Care Professionals

Awards and Grants

DIVERSITY

EQUITY INCLUSION
When the American College of Critical Care Medicine (ACCM) was created in 1988, the Society of Critical Care Medicine (SCCM) began a tradition dedicated to the recognition of excellence.

ACCM is committed to fostering the highest goals of multiprofessional critical care, honoring individuals whose achievements and contributions demonstrate personal commitment to these goals, promoting a forum for the development of collaborative practice among the specialties and professions providing critical care, and providing SCCM with a consultative body possessing recognized expertise in the practice of critical care.

The prestigious designations of Fellow of the American College of Critical Care Medicine (FCCM) and Master of Critical Care Medicine (MCCM) honor practitioners, researchers, administrators, and educators who have made outstanding contributions to the collaborative field of critical care. ACCM includes nurses, pharmacists, physicians, respiratory therapists, and other healthcare professionals who are all experts in their fields.

As an organization devoted to creating a greater understanding of critical care, ACCM emphasizes quality management in the practice and administration of critical care, focuses on leadership, and underscores the importance of fostering partnerships, humane caring, communication, and public opinion involving critical care.
SOCIETY OF CRITICAL CARE MEDICINE

COUNCIL

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Sandra L. Kane-Gill, PharmD, MSc, FCCM, President-Elect
Lauren R. Sorce, PhD, RN, CPNP-AC/PC, FCCM, Treasurer
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Michele Moss, MD, FCCM
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Samuel A. Tisherman, MD, FCCM

HONORARY MEMBERS

Julie Winkle, MD, FCCM, Chancellor, American College of Critical Care Medicine
William E. Dager, PharmD, BCPS, MCCM, Vice-Chancellor, American College of Critical Care Medicine
David S. Shapiro, MD, MHCM, FCCM, Chair, Chapters Alliance

David J. Martin, CAE, CEO/Executive Vice-President
American College of Critical Care Medicine

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American College of Critical Care Medicine
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Michael J. Sterling, MD, FCCM
M. Hossein Tcharmtchi, MD, FCCM
Liza M. Weavind, MD, MBBS, FCCM
Brian T. Wessman, MD, FCCM
AWARDS

ASMUND S. LAERDAL MEMORIAL LECTURE AWARD
Sponsor: Laerdal Foundation for Acute Medicine
Commemorates Asmund S. Laerdal, creator of the Resusci Anne model used in cardiopulmonary resuscitation training procedures, and recognizes an individual for his/her extensive involvement in resuscitation research and publishing
Martha A.Q. Curley, RN, PhD, FAAM

BARRY A. SHAPIRO MEMORIAL AWARD FOR EXCELLENCE IN CRITICAL CARE MANAGEMENT
Sponsor: Barry A. Shapiro Memorial Award Fund
Recognizes an individual who has made significant contributions to the design and/or implementation of an evidence-based practice that has significantly impacted clinical, operational, or fiscal outcomes within his/her area of responsibility
Sergio L. Zanotti-Cavazzoni, MD, FCCM

CHAPTERS ALLIANCE EXCELLENCE AWARD
Sponsor: Chapters Alliance
Recognizes a chapter for its exceptional work by being in good standing; holding regular academic activities; providing mentorship in areas of academics, patient care, research, and professional growth; providing outcomes measurements and reporting; and demonstrating continued importance in the development and growth of the chapter
Oregon Chapter

DISTINGUISHED INVESTIGATOR AWARD
Sponsor: American College of Critical Care Medicine
Recognizes an established and active SCCM clinical investigator for meritorious and pioneering clinical research in critical care who has significantly contributed to the understanding of disease or treatment of patients
E. Wesley Ely, MD, MPH, MCCM
Title of Presentation: The Power of Human Stories Driving ICU Liberation: Rebuilding What Was Lost in COVID-19

DISTINGUISHED SERVICE AWARD
Sponsor: Society of Critical Care Medicine
Recognizes SCCM members who have made exceptional leadership contributions that have furthered the vision and mission of SCCM over a period of time
Edward E. Conway Jr, MD, MS, FCCM
Jose J. Diaz Jr, MD, CPE, FCCM
David J. Dries, MD, MSE, MCCM
Jorge L. Hidalgo, MD, MACP, MCCM
Lewis J. Kaplan, MD, FCCM
DR. JOSEPH AND RAE BROWN AWARD
Sponsor: Pennsylvania Chapter of the Society of Critical Care Medicine
Recognizes an SCCM member who has significantly advanced multiprofessional, quality care for critically ill and injured patients at the regional or local level
Daniel Wu, DO, FCCM

DRS. VIDYASAGAR AND NAGAMANI DHARMAPURI AWARD
Sponsors: Drs. Vidyasagar and Nagamani Dharmapuri
Recognizes an SCCM member for sustained exemplary and pioneering achievements in the care of critically ill and injured infants and children
Kathleen L. Meert, MD, FCCM

FAMILY-CENTERED CARE INNOVATION AWARD
Sponsor: Society of Critical Care Medicine
Recognizes innovations that improve the care provided to critically ill and injured patients and their families
Cooper University Health Care
Cooper Medical School of Rowan University
CritiCall Connections
Viner Intensive Care Unit
Camden, New Jersey, USA

FOUNDERS SPECIAL RECOGNITION AWARD
Sponsor: Society of Critical Care Medicine
Recognizes an individual for appreciation of services and active participation in SCCM during the previous year
Jorge L. Hidalgo, MD, MACP, MCCM

GRENVIK FAMILY AWARD FOR ETHICS
Sponsor: Grenvik Family Memorial Fund
Established in memory of Christer Grenvik, MD, to honor an SCCM member who has promoted the ethical and humane delivery of critical care
Erin T. Paquette, MD, JD, M.Bioethics

ICU HEROES AWARD
Sponsor: Society of Critical Care Medicine
Recognizes that a patient and family are an integral part of ICU care and awards an ICU patient, the family, and the multiprofessional team that delivered the care
Cooper University Health Care
Cooper Medical School of Rowan University
Viner Intensive Care Unit
Camden, New Jersey, USA
Team Leader: Nitin Puri, MD
Patient and Family: Jonathan Rosen (patient) and the Rosen Family
INNOVATION IN EDUCATION AWARD
Sponsor: Society of Critical Care Medicine
Honors an educator or team of educators who demonstrate(s) excellence and creativity in the development of an innovative educational program
Mayo Clinic
Checklist for Early Recognition and Treatment of Acute Illness and Injury
Rochester, Minnesota, USA
Grace M. Arteaga, MD, FCCM
Yue Dong, MD
Ognjen Gajic, MD, FCCM
Katherine Heise, APPN, CNP
Rahul Kashyap, MBBS, MBA
Alexander S. Niven, MD

LIFETIME ACHIEVEMENT AWARD
Sponsor: Society of Critical Care Medicine
Honors an individual who has demonstrated a lifetime of meritorious contributions to the field of critical care through the advancement of medical science, medical education, or medical care
Philip S. Barie, MD, MBA, MCCM

NORMA J. SHOEMAKER AWARD FOR CRITICAL CARE NURSING EXCELLENCE
Sponsor: Society of Critical Care Medicine
Honors Norma J. Shoemaker, RN, MN, FCCM, SCCM’s first executive director, and recognizes an SCCM nurse member who demonstrates excellence in critical care clinical practice, education, and/or administration
Elizabeth A. Scruth, PhD, RN, CCNS, MPH, FCCM

PATIENT SAFETY FIRST! AWARD
Sponsor: Society of Critical Care Medicine
Recognizes a unit or program that demonstrates novel, effective patient safety initiatives for critically ill and injured patients
OSF HealthCare Children’s Hospital of Illinois
Move 2 Improve/Pediatric Delirium Project
Peoria, Illinois, USA

SAFAR GLOBAL PARTNER AWARD
Sponsor: Society of Critical Care Medicine
Recognizes an individual, hospital, or organization that expands the global reach of SCCM
John B. Sampson, MD
Michael J. Waxman, MD, MBA, FCCM
Sociedad Ecuatoriana de Medicina Critica

SHUBIN-WEIL MASTER CLINICIAN/TEACHER: EXCELLENCE IN BEDSIDE TEACHING AWARD
Sponsor: Weil Family Foundation
Recognizes an SCCM member who is a role model in both the teaching and ethical practice of critical care and who has substantially furthered the expert and appropriate use of life support interventions
Deborah A. Kuhls, MD, FCCM
SCCM-WEIL RESEARCH GRANT
Funded by the SCCM-Weil Research Trust
Awarded to SCCM members who focus on basic, translational, or clinical research to sponsor research efforts that will improve patient care in the ICU after discharge
Katie Moynihan, MD
Geographic Access to Pediatric Healthcare According to Social Determinants of Health

Joshua Denson, MD
The Impact of a Metabolic Syndrome Phenotype in ARDS

DISCOVERY RESEARCH GRANT
Funded by the Society of Critical Care Medicine
Awarded to SCCM members as new pilot grants to support multi-institutional critical care research studies and is supported by Discovery, the Critical Care Research Network
Kusum S. Matthews, MD
Disparities and Critical Care Access During Surge: A Multi-Center Operational Analysis

Whitney Gannon, RN
ECMO-Free Trial: A Multi-Center Pilot Feasibility Study
ANESTHESIOLOGY SECTION CONGRESS SCHOLARSHIP
Sponsor: Anesthesiology Section of the Society of Critical Care Medicine
Vanessa Mazandi, MD
#830 Effects on Mitochondrial Dynamics Following Therapeutic Intervention in a Large Animal TBI Model
Daniel E. Leisman, MD, MSCR
#182 Renin-Angiotensin System Markers and Nonpulmonary Organ Injury in Severe COVID-19 Pneumonia

CLINICAL PHARMACY AND PHARMACOLOGY SECTION
DISTINGUISHED SERVICE AWARD
Sponsor: Clinical Pharmacy and Pharmacology Section of the Society of Critical Care Medicine
Steven J. Martin, PharmD, BCPS, FCCM

CLINICAL PHARMACY AND PHARMACOLOGY SECTION
INNOVATIONS IN PATIENT AND MEDICATION SAFETY AWARD
Sponsor: Clinical Pharmacy and Pharmacology Section of the Society of Critical Care Medicine
Serena Dine, PharmD, BCPS, BCCCP
#879 Development of a Pharmacist-Managed Protocol for Transition From Intravenous to Subcutaneous Insulin

CLINICAL PHARMACY AND PHARMACOLOGY SECTION CONGRESS SCHOLARSHIP
Sponsor: Clinical Pharmacy and Pharmacology Section of the Society of Critical Care Medicine
Susan Smith, PharmD, BCPS, BCCCP
#1218 Comparison of Medication Regimen Complexity and Patient Acuity to Predict Pharmacist Interventions

CLINICAL PHARMACY AND PHARMACOLOGY SECTION
YOUNG PHARMACIST INVESTIGATOR AWARD
Sponsor: Clinical Pharmacy and Pharmacology Section of the Society of Critical Care Medicine
Jessica Cercone, PharmD
#981 Anticoagulation Targets in Patients With ARDS Receiving Extracorporeal Membrane Oxygenation
EMERGENCY MEDICINE SECTION CONGRESS SCHOLARSHIP
Sponsor: Emergency Medicine Section of the Society of Critical Care Medicine
Paul E. Pepe, MD, MPH, MACP
#2 Clinical Confirmation of Profound Improvements in Neuro-Intact Survival Using the Head-Up CPR Bundle
Brian M. Fuller, MD, MSCI, FCCM
#10 The Sustainability of Lung-Protective Ventilation in the ED: A 5-year, Single-Center Experience
Nicholas M. Mohr, MD, MS, FCCM
#1413 Emergency Telemedicine Reduces Mortality in Rural Sepsis Cases Treated by Nonphysician Providers
Randi L. Connor-Schuler, MD, BA
#825 Feasibility and Reliability of POCUS TCD in Diagnosing Cerebral Vasospasm in Subarachnoid Hemorrhage
Bailey Buenger, MD
#961 Evaluation of Liposomal Bupivacaine in Cardiothoracic Surgery Patients Requiring Sternotomy

INTERNAL MEDICINE SECTION CONGRESS SCHOLARSHIP
Sponsor: Internal Medicine Section of the Society of Critical Care Medicine
John A. Cuenca, MD
#1418 Effects of Recent Use of Checkpoint Inhibitors on Outcomes of Cancer Patients With Septic Shock
Jennifer L. Cole, PharmD, BCCP, BCCCP, FCCM
#918 Effects of a Novel Steroid Stewardship Project in Hospitalized AECOPD Patients
Akira Kuriyama, MD, PhD, MPH, FCCM
#101 Anxiety, Depression, and Burnout in Critical Care Professionals in Japan in the COVID-19 Pandemic
Christy C. Forehand, PharmD, BCCCP, FCCM
#245 Medication Regimen Complexity Score to Predict Inpatient Death in Critically Ill COVID-19 Patients
Valerie Danesh, RN, PhD, FCCM
#137 Clinical Characteristics of COVID Recovery Clinic Patients in an Integrated Health System

IN-TRAINING SECTION CONGRESS SCHOLARSHIP
Sponsor: In-Training Section of the Society of Critical Care Medicine
Miguel A. Ibarra-Estrada, MD
#19 Prone Positioning in Awake Patients With COVID-19-Associated Respiratory Failure: The PROCARF Trial
SCCM Section Awards and Grants (continued)

NEUROSCIENCE SECTION CONGRESS SCHOLARSHIP
Sponsor: Neuroscience Section of the Society of Critical Care Medicine
Ashley M. Bach, MD, MPH
#750 Association of EEG and MRI Findings With Outcomes After Pediatric Cardiac Arrest

NURSING SECTION CONGRESS SCHOLARSHIP
Sponsor: Nursing Section of the Society of Critical Care Medicine
Christine DeForge, RN, MSN
#852 Systematic Review and Meta-Analysis of Interventions for ICU Surrogates Making End-of-Life Decisions
Tammy L. Eaton, PhD, RN
#461 Exploring the Landscape of Symptom Burden in Critical Illness Survivors

OSTEOPATHIC MEDICINE SECTION CONGRESS SCHOLARSHIP
Sponsor: Osteopathic Medicine Section of the Society of Critical Care Medicine
Nafisa Wadud, MD
#153 Outcomes Among Intubated and Nonintubated COVID-19-Positive and Intubated COVID-19-Negative Patients

PEDIATRICS SECTION CONGRESS SCHOLARSHIP
Sponsor: Pediatrics Section of the Society of Critical Care Medicine
Mallory Smith, MD
#37 Family Presence at the Bedside in the Pediatric Intensive Care Unit
Benjamin White, MD
#53 PARDS in Children With Lower Respiratory Tract Infection: A Bronchiolitis and Co-Detection Substudy

PHYSICIAN ASSISTANT SECTION CONGRESS SCHOLARSHIP
Sponsor: Physician Assistant Section of the Society of Critical Care Medicine
Erin Niles, PA-C
#295 Venovenous Extracorporeal Membrane Oxygenation Referral Patterns for COVID-19 Respiratory Failure
RESEARCH SECTION CONGRESS SCHOLARSHIP
Sponsor: Research Section of the Society of Critical Care Medicine

Blake Martin, MD
#25 Characteristics and Outcomes of 728,047 Children in the National COVID Cohort Collaborative (N3C)

Nadir Yehya, MD, MSCE
#55 Biomarker Trajectories of Direct and Indirect Acute Respiratory Distress Syndrome in Children

RESPIRATORY CARE SECTION CONGRESS SCHOLARSHIP
Sponsor: Respiratory Care Section of the Society of Critical Care Medicine

Fajun Wang, MD
#1208 Impact of Respiratory Therapist-Driven Protocol on Unplanned Adult Neurovascular ICU Readmissions

Andrew G. Miller, MS, RRT
#1169 Effect of Reducing Pressure Support During ERT in Children With Congenital Heart Disease

SURGERY SECTION CONGRESS SCHOLARSHIP
Sponsor: Surgery Section of the Society of Critical Care Medicine

Krista Haines, DO
#581 Hospital Change to SMOF Lipid Parenteral Nutrition in Critically Ill Adults Improves Outcomes

Melanie S. Condeni, PharmD, BCPS, BCCCP
#897 Fixed vs Variable-Dose Prothrombin Complex Concentrate in Warfarin-Related Bleeding: A Meta-Analysis

Victoria Miles, MD
#1530 Stress Hyperglycemia, Not Diabetes, Is Associated With Increased Mortality and Ventilation in Trauma

UNIFORMED SERVICES SECTION CONGRESS SCHOLARSHIP
Sponsor: Uniformed Services Section of the Society of Critical Care Medicine

John A. Cuenca, MD
#739 Outcomes of Critically Ill Patients With Acute Leukemia and Septic Shock

Joshua Krieger, MD
#1249 Potential for Extubation in the Emergency Department to Reduce Brief Intensive Care Unit Admissions
Sponsor: Society of Critical Care Medicine

Recognizes SCCM members who have made extraordinary contributions of time, energy, and resources to SCCM during the previous year

Christopher D. Adams, PharmD, BCPS, BCCCP, FCCM
Kwame A. Akuamoah-Boateng, DNP, MSN, RN, FCCM
Folashade Alabi, BCCCP, RPh
Earnest Alexander Jr, PharmD, BCCCP, FCCM
Kaitlin M. Alexander, PharmD
Wareed Alhazzani, MD, MSc
Tuqa Alkhateeb, PhD, MS, PharmD
Gilman B. Allen, MD, FCCM
Darrell E.R. Alley, MBA, MD, FCCM
Fayez E. Alshamsi, MD, MBBS
Javier Amador-Castaneda, BS, RRT
George L. Anesi, MD
Krishna Aparanj, MD
Yaseen Arabi, MD, ATSF, FCCM
Daniel Arellano, PhD, RN, ACNP, CCRN, FCCM
Rebecca A. Aslakson, MD, PhD, FCCM
Amita Avadhani, PhD, DNP, ACNP, CCRN, CNE, FCCM
Christine H. Bailey, MD, BS
Heatherlee Bailey, MD, FCCM
Vishal Bakshi, PA-C, FCCM
Megan E. Barra, PharmD, BCPS, BCCCP
Erin F. Barreto, PharmD, MSc, FCCM
Sangita Basnet, MD, FCCM
Rajit Basu, MD, MS, FCCM
Richard J. Beale, MD, MBBS
Torben K. Becker, MD, PhD
Lisa Beil, ACNP, CNS, MSN
Gregory J. Beilman, MD, FCCM
Carolyn M. Bell, PharmD, BCCCP
Emilie Bellez-Cote, MD
Talia K. Ben-Jacob, MD, MSc, FCCM
Suzanne Bennett, MD, FCCM
Karen Berger, PharmD, BCPS, BCCCP, FCCM
James B. Besunder, DO, FCCM
Kristina A. Betters, MD
Utpal S. Bhala, MD, FCCM
Muneer Bhatt, PA-C
Barbara A. Birriel, PhD, ACNP-BC, FCCM
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Meredith F. Bone, MD
Laura Brickett, BCCCP, PharmD
Anne R.T. Brown, PharmD, BCCCP, FCCM
Ann-Marie Brown, CCRN, CPNP, PhD, RN, CNE, FCCM
Samuel M. Brown, MD, MS, FCCM
Megan Brunson, MSN, BSN, CCRN, CNE, RN, FCCM
Casey D. Bryant, MD
Timothy G. Buchman, MD, PhD, MCCM
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Marilyn N. Bulloch, PharmD, BCPS, FCCM
Lisa Burry, PharmD, BS, FCCM
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John E. Centofanti, MD
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Daniel Chertow, MD, MPH, FCCM
Kevin K. Chung, MD, FCCM
Matthew M. Churpek, MD, PhD, MPH
Gilles Clermont, MD, MS
Miguel A. Cobas, MD, FCCM
J. Perren Cobb, MD, FCCM
Reagan Collins, PharmD, BCCCP
Thomas Conlon, MD
Michael J. Connor Jr, MD
Craig M. Coopersmith, MD, MCCM
Kevin G. Couloures, DO, MPH, FCCM
Angel Coz, MD
Elliott D. Crouser, MD
Michaelia Cucci, PharmD, BCPS, BCCCP
Rhonda L. D’Agostino, ACNP, FCCM
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Judy E. Davidson, DNP, RN, MCCM
Mary L. DeAlmeida, MD
Brian M. Dec, PharmD, BCCCP, BCNSP, FCCM
R. Phillip Dellinger, MD, MCCM
Jose J. Diaz Jr, MD, CNS, FCCM
Kent Doi, MD, PhD
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Molly E. Droege, PharmD
Bin Du, MD
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Denise Dudzinski, PhD
Ifeoma M. Eche, PharmD, FCCM
Timothy J. Ellender, BSN, MD, FCCM
Lillian L. Emlet, MD, MS, FCCM
Annette M. Esper, MD, MSc
Nicholas A. Ettinger, MD, PhD
Adam Evans, MD, FCCM
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Julie C. Fitzgerald, MD, PhD, FCCM
Christy C. Forehand, PharmD, BCCCP, FCCM
Ognjen Gajic, MD, FCCM
John J. Gallagher, CCNS, CCRN-K, DNP, FCCM
Samuel M. Galvagno, Jr, DO, MS, PhD, FCCM
Samantha Gamble Farr, MSN, FNP-C, CCRN, RNFA
Antonio J. Gandra D’Almeida, MD, MDM, FCCM
Jennifer A. Gass, PharmD, BCPS, BCCCP, MS
Rita Gayed, PharmD, BCCCP
Hayley B. Gershengorn, MD, ATSF, FCCM
Frances L. Gilliland, DNP, CPNP-AC/PC
Maresa D. Glass, PharmD, BCCCP, FCCM
Christie Glau, MD
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Alberto Goffi, MD
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Deepa B. Gotur, MD, FCCM
Ana L. Graciano, MD, FCCM
Mary Jo C. Grant, ACNP, PhD
Jaime R. Gray, PharmD, BCCCP, FCCM
Christine M. Groth, PharmD, BCCCP, FCCM
Payal K. Gurnani, PharmD, BCPS, BCCCP, FCCM
Mark W. Hall, MD, FCCM
Leslie A. Hamilton, PharmD, BCPS, BCCCP, FCCM
Jennifer M.J. Hartman, PharmD, BCPS, BCCCP
Helen Harvey, MD, MS
Mojdeh S. Heavner, PharmD, BCPS, BCCCP, FCCM
Catherine S. Heith, MD
Kirstin Henley, MD
Kristie A. Hertel, ACNP, CCRN, MSN, FCCM
Trager Hintze, PharmD
Brandon P. Hobbs, PharmD
Tudy M. Hodgman, PharmD, BCPS, BCCCP, FCCM
Devin N. Holden, PharmD, BCPS
Andre Holder, MD, MS
Steven M. Hollenberg, MD, FCCM
Russ Horowitz, MD, RDMS
Robert M. Huff, CCRN, RN
Robert C. Hyzy, MD, MCCM
Lauren A. Igneri, PharmD, BCPS, BCCCP
Sharon Y. Irving, CRNP, MSN, PhD, FCCM
Theodore J. Iwashyna, MD, PhD, FCCM
Craig S. Jabaley, MD, FCCM
Judith Jacobi, PharmD, BCCCP, MCCM
Randeep S. Jawa, MD, FCCM
Namita Jayaprakash, MD, MB, BCh, BAO
Brian K. Jefferson, ACNP, DNP, FCCM
Xiaofeng Jia, MD, MS, PhD, FCCM
Marcia K. Johansson, ACNP, DNP, FCCM
Preeti R. John, MD, HEC-C, MPH, CPE, FCCM
Meagan Johns, PharmD, BCPS, BCCCP, BCNSP, MBA
Daniel W. Johnson, MD, FCCM
Erin M. Johnson, BA, MD
Peter N. Johnson, PharmD, BCPS, FCCM
Vanessa Kalis, DNP, RN, ACNP, CPNP
Rishikesan Kamaleswaran, PhD
Jason M. Kane, MD, MS, FCCM
Kunal Karamchandani, MD, FCCM
Kianoush Kashani, MD, MS
Rahul Kashyap, MBA, MBBS
Joshua B. Kayser, MD, MPH, MBE, FCCM
Jozef Kesecioglu, MD, PhD
Ashish K. Khanna, MD, FCCM
James S. Killinger, MD, FCCM
Keith Killu, MD, FCCM
Amy Kiskaddon, PharmD, BCPS
Ruth M. Kleinpell, PhD, ACNP, CCRN, RN, MCCM
Presidential Citation Award Recipients (continued)

Michael Klompas, MD, MPH
Patrick M. Kochanek, MD, MCCM
Younsuck Koh, MD, PhD, FCCM
Rachel Kohn, MD
Nikoleta S. Kolovos, MD
Brian J. Kopp, PharmD, BCPS, BCCCP, FCCM
Desiree E. Kosmisky, PharmD, BCCCP
Meghan B. Lane-Fall, MD, MS, FCCM
Jennifer A. LaRosa, BA, MD, FCCM
Jong O. Lee, MD, FCCM
Mitchell M. Levy, MD, MCCM
Peter J. Lindbloom, PA-C, MPAS, RDMS
Annette D. Lista, PharmD
Laurie A. Loiacono, MD
Kristine A.K. Lombardozzi, MD, FCCM
Patricia R. Louzon, PharmD, BCCCP, FCCM
Melanie Madorsky, PharmD, BCPS, BCCP
Manoj J. Mammen, MD, BS, MS
Jennifer Marsh, PharmD
Mary F. Marshall, PhD, HEC-C, FCCM
Henry Masur, MD, FCCM
Piyush Mathur, MD, FCCM
Ryan C. Maves, MD, FCCM
Lauralyn A. McIntyre, MD
Matt McKenzie, PharmD
Diane C. McLaughlin, DNP, CCRN, APRN, AGACNP-BC, FCCM
Nilesh M. Mehta, MD
Heather Meissen, ACNP, CCRN, FCCM
Bryan E. Menich, PharmD
Mervyn Mer, MD, PhD
Victoria Milano, PharmD, BCPS
William S. Miles, MD, FCCM
Paul K. Mohabir, MD, FCCM
Sarah Monchar, BA, MS, PA-C
Timothy Montref, MD, MPH
Linda L. Morris, PhD, BSN, CCNS, MSN, FCCM
Chet A. Morrison, MD, FCCM
Christopher C. Morrison, PharmD, BCCCP
Benjamin Moses, MD, MS
Claire V. Murphy, PharmD, BCPS, FCCM
David J. Murphy, MD, PhD, FCCM
Travis Murphy, MD
Ndidi L. Musa, MD, FCCM
Sheila N. Myatra, MD, FCCM
Mayur Narayan, MBA, MD, MPH, FCCM
Lama Nazer, PharmD, BCPS, FCCM
Scott D. Nei, PharmD, BCPS, BCCCP, FCCM
Christopher D. Newman, MBA, PA-C, FCCM
Sean A. Nix, DO, FCCM
Melissa B. Noble, PharmD, BCCCP, FCCM
Katherine Nugent, MD
Michael Nurok, MBChB, PhD, FCCM
Frank M. O’Connell, MD, FCCM
Simon J.W. Oczkowski, MD, MS
Frederick P. Ognibene, MD, MCCM
Keith M. Olsen, PharmD, FCCM
John M. Oropello, MD, FCCM
Tiffany M. Osborn, MD, MPH, FCCM
Brandon Oto, PA-C, NREMT
Yves Ouellette, MD, PhD, FCCM
Nicole M. Palm, PharmD, BCCCP
Komal Pandya, PharmD, BCCCP
Stephen M. Pastores, MD, MACP, FCCM
Jaimini Patel, PharmD, BCCCP
Dalen Penoyer, PhD, RN, CCRP, FCCM
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Adrian Wong, PharmD, MPH, BCCCP, FCCM
Priyank Yagnik, MD, MPH, FCCM
Research Awards Presentation

Sponsor: Society of Critical Care Medicine

Abstract-Based Awards

In-Training Award

#49 Admission PaO2 and Mortality Among Pediatric ICU Patients and Critically Ill Subgroups
Caroline Holton, Brian Lee, Paul Bauer

Young Investigator Award

#4 The Effect of Hydrocortisone Versus Hydrocortisone Plus Fludrocortisone on Shock-Free Days
Kayla John, Megan Kirkpatrick, Priyanka Aytoda, Jessica Elefritz, Marilly Palettes, Brittany Rosales, Claire Murphy, Bruce Doepker

Gold Medal Award

#19 Prone Positioning in Awake Patients With COVID-19-Associated Respiratory Failure: The PROCARF Trial
Miguel Ibarra-Estrada, Alexandra Vargas-Olbita, Miguel Marín-Rosales, Sara Aguirre-Díaz, Roxana García-Sálcido, Jose López-Pulgarin, Quetzalcoatl Chavez-Peña, Julio Mijangos-Méndez, Guadalupe Aguirre-Avalos

Silver Medal Award

#20 Metabolic Syndrome and ARDS in COVID-19
Aaron Gillet, Yuanhao Zu, Thaidan Pham, Margo Brown, Yilin Yoshida, Franck Mauvais-Jarvis, Ivor Douglas, Donna Armaignac, Katherine Belden, Smith Heavner, Valerie Danesh, Sreekanth Cheruku, Catherine St. Hill, Neha Deo, Vikas Bansal, Vishakha Kumar, Allan Walkley, Rahul Kashyap, Joshua Denson

Bronze Medal Award

#9 Association of Maximal Inspiratory Pressure and Weaning in Patients Undergoing Diaphragm Pacing
Martin Dres, Marcelo Gama de Abreu, Thomas Similowski

Star Research Awards

#1 Mechanical Thrombectomy Improves Cardiac Index in Pulmonary Embolism Patients in Subclinical Shock
Bushra Mina

#2 Clinical Confirmation of Profound Improvements in Neuro-Intact Survival Using the Head-Up CPR Bundle
Paul Pepe, Johanna Moore, José Labarère, Charles Lick, Kenneth Scheppke, Peter Antery, Charles Coyle, Ryan Quinn, Joseph Holley, Edwin (Mack) Hutchison, Paul Adams, Remle Crowe, Sue Duval, Gailllume Debaty, Keith Lurie

#3 A Multicenter Study of Withdrawal of Therapy in Extracorporeal Cardiopulmonary Resuscitation
Julia Carlson, Eric Eichill, Glenn Whitman, Bo Kim, Chun (Dan) Woo Choi, Romergyko Geocadin, Sung-Min Cho
Assessment of a Combined Biomarker-EMR Data Machine Learning Model for Sepsis-3
Akhil Bhargava, Carlos Lopez-Espina, Setareh Manafirasi, Shah Khan, Lee Schmalz, Arham Nihal, Jonah Ellman, Ishan Taneja, Bobby Reddy

Timing of VTE Chemoprophylaxis With Major Orthopedic Surgery of Femoral and Tibial Fractures
Kristin Salottolo, Mark Lieser, Nnamdi Nwafo, Robert Madayag, Allen Tanner, Matthew Carrick, Chad Corrigan, Kaysie Banton, David Bar-Or

Impact of Fluid Resuscitation in End-Stage Renal Disease Patients With Septic Shock
Katie Chernoby, Allison Dzingle, Jessica Elefritz, Bruce Doepker, Andrea Nei, Dustin Gladden, Jeffery Galyon, Megan Van Berkel Patel, Kathryn Disney, Jessica Parker, Brittany Hoyte

Molecular Adsorbent Recirculating System Therapy for Acute Liver Failure: Institutional Indications
Guinevere Johnson, Sagar Dave, William Teeter, Thomas Scalea, Christopher Kolokythas, Shannon Gaasch, Donna Mursch, Jeff Broski, Brittany Daniels, Elizabeth Powell, Kim Boswell, Daniel Haase, Brooke Andersen, Chui Sai-Ho, Craig Sadler, Samuel Galvagno

The Sustainability of Lung-Protective Ventilation in the ED: A 5-Year, Single-Center Experience
Brian Fuller, Nicholas Mohr, Brian Roberts, Robert Stephens, Ryan Pappal, Enyo Ablordeppey, Christopher Palmer, Marin Kollef

A Statewide Analysis of the Origins of De Novo Pulmonary Embolism: Does the Liver Play a Role?
Ryan Cohen, Candace Ward, Samantha Olafson, Pak Shan Leung, Mark Kaplan, Jay Strain, Afshin Parsikia, Benjamin Moran

Heterogeneity of Effect of PEEP Strategy by Subphenotypes Derived From Clinical Data in ARDS
Rachel Kast, Lucas Bulgarelli, Emily Van Ark, Jeff Osborn, Diego Rey, Abhijit Duggal, Matthew Siuba, Alexandre Biasi, Fernando Zampieri, Israel Maia, Denise Paisani, Ligia Laranjeira, Ary Serpa Neto, Rodrigo Deliberato

Reduction in Reaction Oxygen Species With Novel Intervention Following TBI in a Large Animal Model
Vanessa Mazandi, David Jang, Samuel Shin, Abhay Ranganathan, Nile Delso, William Landis, Jonathan Starr, Todd Kilbaugh

Boosting Stem Cell Therapy by Metabolic Glycoengineering to Improve Outcomes After Cardiac Arrest
Xiaofeng Jia, Jian Du, Zhuoran Wang, Rima Sheth

Nucleosomes and Nuclear DNA, but Not Mitochondrial DNA, Are Associated With Pediatric ARDS Mortality
Nadir Yehya, Jill Thompson, Nilam Mangalmurti
#16 Estrogen Effects on the Endothelial-Glycocalyx Barrier Under Shock Conditions
Lawrence Diebel, Sonia Sharma, David Liberati

#17 Arming Vesiculovirus With SARS-CoV-2 S-Protein Creates a Murine Model of Severe COVID-19 ARDS
Alvin Tieu, Damian Chwastek, Lansdell Casey, Taylor Jamieson, Ilkow Carolina, Duncan Stewart, Manoj Lalu

#18 Depression, Anxiety, and Somatization Among Critical Care Professionals During the COVID Pandemic
Robyn Branca, Paul Branca

#21 Respiratory Muscle Wasting Is Associated With Mortality in ICU COVID-19 Patients
Connor Wakefield, Seungjun Kim, Rachel Geroux, Christopher Seder, Palmi Shah, Sarah Peterson, David Vines, Dana Hayden, Robert Balk

#22 ARBs and ACE Inhibitors Are Associated With Improved Outcomes in Males Hospitalized With COVID-19
Genevieve Rocheleau, Terry Lee, Yassene Mohammed, David Goodlet, Kevin Burns, Matthew Cheng, Karen Tran, James Russell

#23 Lenzilumab in Hospitalized Black/African-American COVID-19 Patients: Live-Air Phase 3 Study Results
Zelalem Temesgen, Charles Burger, Claudia Libertin, Cameron Durrant, Dale Chappell, Omar Ahmed, Adrian Kilcoyne, Gabrielle Chappell, Edward Jordan, Andrew Badley

#24 Variation in Management of COVID-19 Acute Respiratory Distress Syndrome and Associated Mortality
Michael Garcia, Shelsey Johnson, Emily Sisson, Christopher Sheldrick, Vishakha Kumar, Karen Boman, Vikas Bansal, Marija Bogojevic, Juan Pablo Domecq Garces, Amos Lal, Ognjen Gazic, Rahul Kashyap, Allan Walkey

#25 Characteristics and Outcomes of 728,047 Children in the National COVID Cohort Collaborative (N3C)
Blake Martin, Peter DeWitt, Seth Russell, Adam Dziorny, Christopher Chute, Melissa Haendel, Richard Moffitt, Tellen Bennett

#26 Pediatric COVID-19-Associated Hyperinflammation Score: The VIRUS Registry Predictive Analytic Study
Meghana Nadiger, Prithvi Raj Sendi Keshavamurthy, Utpal S Bhalala, Balagangadhar Totapally

#27 Twice-Daily Enoxaparin as Primary Thromboprophylaxis in Pediatric Patients Hospitalized for COVID-19
Anthony Sochet, John Morrison, Julie Jaffray, Nihal Godiwala, Hope Wilson, Courtnaye Thornburg, Rukhmi Bhat, Ayesha Zia, Courtney Lawrence, Sapna Kudchadkar, Francis Hamblin, Fatima Tariq, Christopher Russel, Michael Streiff, Alex Spyropoulos, Ernest Amankwah, Neil Goldenberg

#28 Acute Kidney Injury and SARS-CoV-19 in Children: Data From the National COVID Cohort Collaborative
Margaret Brennan, Susan Martin, Peter DeWitt, Tellen Bennett, Rajit Basu, Adam Dziorny
#29 Diastolic Blood Pressure Threshold During Pediatric CPR and Outcomes: A Multicenter Validation Study
Robert Berg, Ryan Morgan, Ron Reeder, Kellimarie Cooper, Kathryn Graham, Patrick McQuillen, Kathleen Meert, Chella Palmer, Bradley Tilford, Heather Wolfe, Andrew Yates, Vinay Nadkarni, Robert Sutton

#30 PICU Overnight INTerprofessional Education of Residents (POINTER) Improves Knowledge and Confidence
Andrew Becker, Megan Bernstein, Jubrae Peurifoy, Steve Losalzo, Phillip Cohen, Kelly Martin, Samuel Rosenblatt

#31 Examining the Association Between ICU Operational Conditions and Clinical Decision-Making
Jaeyoung Park, Xiang Zhong, Yue Dong, Vittaly Herasevich, Amelia Barwise, Brian Pickering

#32 SAFety and FEasibility of Portable MRI with ECMO (SAFE-ECMO Study)
Eric Etchill, Samantha By, Katherine Giuliano, Ana Velez, Sean Kearney, Melissa Jones, Errol Bush, Jeffrey Dodd-o, Bo Kim, Peter Barker, Eddy Boskamp, Glenn Whiteman, Michael Poole, Chun (Dan) Woo Choi, Sung-Min Cho

#33 Epinephrine Dosing Intervals Are Associated With Pediatric Cardiac Arrest Outcomes
Martha Kienzle, Ryan Morgan, Ron Reeder, Robert Berg, Kellimarie Cooper, Stuart Friess, Kathryn Graham, Kathleen Meert, Vinay Nadkarni, Heather Wolfe, Robert Sutton

#34 Extracorporeal Membrane Oxygenation Support: A Bridge to Palliation in Single-Ventricle Physiology
Ivana Capin, George Ofori-Amanfo, Maria Esperanza, Raghav Murthy, Gary Oldenburg, Kristi Glotzbach, Scott Aydin

#35 Understanding the ECMO, Recovery, and Outcome Experience of Pediatric Respiratory ECMO Survivors
Claire Hennigan, Eva Cheung, Donna Ogrey, Annette Zygmunt, Marilyn Morris, Andrew Geneslaw

#36 Pediatric Chest Compression Duty Cycle Using Arterial Pressure Waveforms
Thomas Rappold, Ryan Morgan, Mary Weeks, Nicholas Widmann, Kathryn Graham, Kellimarie Cooper, Vinay Nadkarni, Todd Kilbaugh, Heather Wolfe, Martha Kienzle, Amanda O’Halloran, Robert Berg, Robert Sutton

#37 Family Presence at the Bedside in the Pediatric Intensive Care Unit
Mallory Smith, Robert Ohman, Elizabeth Killien, Leslie Dervan, Frederick Rivara, Monica Vasilala, R Watson

#38 Pediatric Health Disparities: The Role of Built Environment on Pediatric Critical Illness
Carlie Myers, Jules Bergmann, Kevin Poter, Aruna Chandran, Panagis Galissatos

#39 Characteristics of Prognostic Statements During Pediatric Intensive Care Family Conferences
Divya Gupta, Amy Wolfe, Tessie October
#40 Characteristics of Diagnostic Error in Pediatric Critical Care: A Multicenter Study
Christina Cifra, Jason Custer, Craig Smith, Kristen Smith, Jodi Bloxham, Sonali Ramesh, Patrick Ten Eyck, Jeffrey Datuson, Heather Reisinger, Hardeep Singh, Loreen Herwaldt

#41 Predicting Intensive Care Transfers and Unforeseen Events in Pediatric Inpatients (PICTURE-Peds)
Michael Stevens, Brandon Cummings, Sardar Ansari, Joseph Blackmer, Rodney Daniels

#42 Association Between Study Factors and Enrollment by Race/Ethnicity in Pediatric Acute Care Research
Erin Paquette, Kelly Michelson, Lauren Balmert, Elizabeth Alpern, Mercedes Carnethon, Joel Frader, Lainie Ross, Seema Shah, Matthew Davis

#43 Parental Symptoms of Anxiety and Depression Upon PICU Discharge and at 30-Day Follow-Up
Lynne Rosenberg, Linda Gerber, Yuying Qiu, Chani Traube

#44 Long-Term Posttraumatic Stress Disorder in Pediatric Intensive Care
Mekela Whyte-Nesfield, Dan Kaplan, Jiaxiang Gai, Karli Breeden, Toah Nkromah, William Cuddy, Simon Li

#45 Assessment of Intravascular Fluid Volume in Children by Point-of-Care Ultrasound
Tara Osman, Mina Hafzalah, Sandeep Tripathi

#46 Fluid Overload Confounds Creatinine-Based Definitions of Acute Kidney Injury in Pediatric ARDS
Celeste Dixon, Sameer Thadani, Julie Fitzgerald, Ayse Akcan-Arikan, Nadir Yehya

#47 Multiple Organ Dysfunction and PELOD-2 Score in Pediatric Cerebral Malaria
Hunter Johnson, Madiba Racee, Evangelina Urbina, Terrie Taylor, Karl Seydel, Nicole O’Brien

#50 Peak & Driving Pressures Stratify Respiratory Failure Severity in Cyanotic Congenital Heart Disease
Hugues Yer, Aaron DeWitt, Neal Thomas, Nadir Yehya

#51 The Association of Neighborhood Social Vulnerability and Pediatric Acute Respiratory Failure
Nadine Najjar, Anne Fitzpatrick, Jocelyn Grunwell

#52 Epidemiology and Outcome Trends of Hospitalized Infants With RSV Bronchiolitis During 1997-2016
Daniel Torres, Prithiv Raj Seudi Keshavamurthy, Paul Martinez, Kaitlin Kobaitri, Balagangadhar Totapally

#53 PARDS in Children With Lower Respiratory Tract Infection: A Bronchiolitis and Co-Detection Substudy
Benjamin White, Lee Polkoff, Alexandre Rotta, Sebastian Gonzalez-Dambrasukas, Ledy Isquierdo, Alicia Sandoval, Pablo Castellani, Christopher Watson, ryan Nofziger, Steven Pon, Todd Karsies, Steven Shein
#54 Mechanical Power Is Associated With Mortality in Pediatric Acute Respiratory Distress Syndrome Andrew Percy, Nadir Yehya

#55 Biomarker Trajectories of Direct and Indirect Acute Respiratory Distress Syndrome in Children Nadir Yehya, Jill Thompson, Garrett Keim, Mark Mai, Jason Christie

#56 Agreement Between Decelerating-Flow PIPs and Square-Flow Plateau Pressures in Pediatric ARDS Bhavesh Patel, Nadir Yehya

#57 Diagnostic Stewardship for Blood Cultures in Critically Ill Children: The Bright STAR Collaborative Charlotte Woods-Hill, Elizabeth Colantuoni, Danielle Koontz, Annie Voskertchian, Anping Xie, Marlene Miller, Jim Fackler, Aaron Milstone

#58 Persistent Serum Renin Elevation Is Associated With Acute Kidney Injury in Pediatric Septic Shock Natalja Stanski, Naomi Pode Shakked, Hector Wong, Stuart Goldstein

#59 Autonomic Nervous System Dysfunction Is Associated With Rehospitalization in Pediatric Septic Shock Colleen Badke, Lindsey Swigart, Michael Carroll, Debra Weese-Mayer, L. Nelson Sanchez-Pinto

#60 Children’s Hospitals Are Associated With Improved Outcomes in PICU Patients With Sepsis Ashish Nagpal, Manzilat Akande, Teddy Muisyo, James Cutler, Michael Anderson, Christine Allen

#61 Temporal Patterns in Brain Tissue Oxygenation Associated With Mortality After Severe TBI in Children Jaskaran Rakkar, Justin Azar, Jonathan Pelletier, Alicia Au, Michael Bell, Dennis Simon, Patrick Kochanek, Robert Clark, Christopher Horvat


#63 Hospital-Specific Contribution to Mortality in Children With Severe Sepsis and Head Injury Hannah Mitchell, Nadir Yehya

#64 Epidemiology and Outcomes of Multiple Organ Dysfunction Syndrome Following Pediatric Trauma Elizabeth Killien, Jana Zahlan, Hetal Lad, R Watson, Monica Vavilala, Frederick Rivara
GOLD SNAPSHOT AWARDS

#1532 Antibiotic Prophylaxis Following Penetrating Abdominal Trauma With Associated Orthopedic Injury
Lauren Dehne, Madeline Foertsch, Christopher Droege, Daniel Mosher, Carolyn Philpott, Eric Mueller, Amy Makley, Henry Sagi, Molly Droege

#507 Association of Illness Severity With Family Outcomes Following Pediatric Septic Shock
Elizabeth Killien, Jerry Zimmerman, J. Lin Di Gennaro, R Watson

#1161 Delayed Provider Recognition of Pediatric Acute Respiratory Distress Syndrome
Daniel Kaplan, Layne Silver, Matthew Taylor, Sareen Shah

#830 Effects on Mitochondrial Dynamics Following Therapeutic Intervention in a Large Animal TBI Model
Vanessa Mazandi, David Jang, Samuel Shin, Abhay Ranganathan, Nile Delso, William Landis, Jonathan Starr, Todd Kilbaugh

#1081 Eicosapentaenoic Acid Reduces Pulmonary Endothelial Cell Adhesion Protein Expression With IL-6
Samuel Sherratt, Peter Libby, Deepak Bhatt, Hazem Dawoud, Tadeusz Malinski, Preston Mason

#1287 Implementing a Standardized Respiratory Care-Driven Electronic Pathway for Status Asthmaticus
Merrick Lopez, Gulixian Abudukadier, Harsha Chandnani, Carisa Cianci, Ekua Cobbina, Julie Fluit, Michele Grainger, Danny Kaufman, Anthony Moretti, James Pappas, Robert Ruiz, Carlos Samayoa, Michael Tiras, Michele Wilson

#569 A Comparison Between Artificial Intelligent Algorithms and Clinicians in Predicting ICU Discharges
Chao-ping Wu, Alex Milinovich, Rachael Shirley, Eduardo Mireles-Cabodevila, Abhijit Duggal, Hassan Khouli, Anirban Bhattacharyya

#1437 Application of Machine Learning in a Linked Multicenter Dataset: Classifying MODS in Septic Shock
Margaret Brennan, Robert Lindell, Akira Nishisaki, Julie Fitzgerald, Adam Dziorry

#959 Correlation of the Critical Care Pain Observation Tool and Numeric Rating Scale in ICU Patients
Joanna Stollings, Kelli Rumbaugh, Li Wang, Christina Hayhurst, Pratik Pandharipande, Wes Ely, Christopher Hughes

#1382 Divergent Effects of Therapeutic Hypothermia on Cold Stress Hormones After Pediatric Cardiac Arrest
Jeremy Herrmann, Ericka Fink, Anthony Fabio, Alicia Au, Rachel Berger, Keri Janesko-Feldman, Robert Clark, Patrick Kochanek, Travis Jackson
SILVER SNAPSHOT AWARD

#339 Emergency Transfers Are Associated With Increased Financial Costs in Hospitalized Children
Sanjiv Mehta, Meghan Galligan, George Haines, Meaghan Lutts, Christopher Bonafide, Robert Sutton

#1453 Four Computable 24-Hour Pediatric Sepsis Phenotypes Have Different Inflammation Profiles
Yidi Qin, Collaborative Pediatric Critical Care Research Network, Zhenjiang Fan, Hyun-Jung Park, Joseph Carcillo

#1162 Predicting High-Flow Nasal Cannula Therapy Outcomes Using the ROX-HR Index in the Pediatric ICU
Lece Webb, Rouba Chahine, Inmaculada Ahan, Priya Prabakaran, Jeremy Loberger

#381 The Prevalence of Infective Endocarditis in Hospitalized Children in the U.S. From 1997 to 2016
Prithvi Raj Sendi KeshavaMurthy, Paul Martinez, Madhuradhar Chegondi, Jake Meyer, Balagangadhar Totapally

#1421 Norepinephrine Equivalent Dose Is Strongly Associated With In-Hospital Mortality in Septic Shock
Ryota Sato, Ashish Khanna, Simon Mucha, Abhijit Duggal, Siddharth Dugar

#1578 Prolonged Respiratory Failure in Pediatric Combat Trauma Patients
Andrew Moulton, Steve Schauer, Matthew Borgman

#831 Randomized, Blinded, Placebo-Controlled Preclinical Trial in a Large Animal TBI Model
Vanessa Mazandi, David Jang, Samuel Shin, Abhay Ranganathan, Nile Delso, William Landis, Sanjeev Chawla, Kevin Browne, Jonathan Starr, Kacy Cullen, Todd Kilbaugh

#872 Remdesivir Extraction by Extracorporeal Life Support Circuits
Danielle Green, Carina Imburgia, Joseph Rower, Autumn McKnite, Walter Kelley, Christopher Reilly, Kevin Watt

#1462 Renal Blood Flow by POCUS Correlates With Altered Renal Function and Is Abnormal in Pediatric Sepsis
Grace Fisler, Daniel Leisman, Kristina Murphy, Fiore Mastroianni, Andrea La Bella, James Schneider, Matthew Taylor

#182 Renin-Angiotensin System Markers and Nonpulmonary Organ Injury in Severe COVID-19 Pneumonia
Daniel Leisman, Arnav Mehta, Nir Hacohen, Michael Filbin, Marcia Goldberg
The Association of Obesity With COVID-19 Severity and Mortality: Systemic Review and Meta-Regression

Thromboelastography Does Not Predict Bleeding or Clotting in Pediatric ECMO
Colleen Menegaz, Lakshmi Raman, Christopher Jenks, Ali McMichael

Timing of Tracheostomy in Critically Ill Infants and Children With Respiratory Failure
Priyanka Mehotra, Charlene Thomas, Sarah Finn, Linda Gerber, Alison Maresh, Marianne Nellis

Association Between Zip-Code-Level Income and Pediatric TBI Mortality in the United States
Jonathan Pelletier, Jaskaran Rakbar, Dennis Simon, Alicia Au, Dana Fuhrman, Robert Clark, Patrick Kuchanek, Christopher Horvat

Caution for Calcium Use During Pediatric CPR: Do Selected Resuscitation Scenarios Benefit?
Katherine Cashen, Kathleen Meert, Ron Reeder, Robert Berg, Kellimarie Cooper, John Wesley Diddle, Kathryn Graham, Christopher Horvat, Theresa Kirkpatrick, Ryan Morgan, Vinay Nadkarni, Kent Page, Qunibi Danna, Heather Wolfe, Andrew Yates, Robert Sutton

Feasibility of Using EHR-Based Extraction of Nutrition Data in Critically Ill Children
Mark Mai, Sharon Irving, Nadir Yehya, Vijay Srinivasan

Neonatal Air Leak Syndromes in the United States: Analysis of the Kid’s Inpatient Database 2016
Adam Beaton, Prithvi Raj Sendi Keshavamurthy, Paul Martinez, Balagangadhar Totapally

Novel Role of Zonulin in the Pathophysiology of Gastric Motility: A Clinical-Translational Study
Enid Martinez, Jinggang Lan, Alba Miranda-Ribera, Maria Fiorentino, Nilesh Mehta, Alessio Fasano

Severe Periintubation Hypoxemia Is More Common in Critically Ill Underweight and Obese Children
Kelsey Gladen, David Tellez, Natalie Napolitano, Lauren Edwards, Ronald Sanders, Taiki Kojima, Justine Shults, Vinay Nadkarni, Akira Nishisaki

Temporal Trends of Meningococcal Disease and Mortality in Children From 1997 to 2016
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