

ACEP RESEARCH
FORUM 



Scientific Assembly
PHILADELPHIA, PA **23**

Brooks Bock Keynote Lecture - Enhancing clinical operations: can the use of data allow us to work smarter not harder?

October 11, 2023 | 9:00 – 9:50 AM | Room 118ABC

In this annual Research Forum Keynote Lecture, Dr. Diercks will provide an overview of why emergency care research is so important in our clinical operations. She will discuss the current state of research, its impact on current clinical practice, and where we are going next. Her lecture will be followed by awards to the top-scoring abstracts of the 2023 Research Forum.

Objectives: Upon completion of this activity, participants will be able to discuss the pros and cons of the results of a moderated research abstract, identify research/treatment that could be applied to clinical practice and explain research trends occurring in emergency medicine.

Faculty: *Deborah Diercks, MD, MSc, FACEP*

Moderator: *Marna Rayl Greenberg, DO, MPH, FACEP*

Editor's Pearls – Tips to Get Your Paper Through Peer Review

October 9, 2023 | 12:30 – 2:30 PM | Room 111AB

In this session, editors from both Annals and JACEP will go over tips and tricks on getting your manuscript through peer review.

Objectives:

- Identify common mistakes that editors report on their review of submitted manuscripts.
- Describe opportunities for improvement in manuscript submission.
- Discuss the unique considerations of different platforms (visual image submissions, case reports, commentaries, original research).
- Discuss and collectively refine abstract/manuscript submissions.

Faculty: *Catherine Marco, MD, FACEP*

Richelle J. Cooper, MD, MSHS, FACEP

Tyler W. Barrett, MD, MSCI, FACEP, FHR

Christian Tomaszewski, MD, MS, MBA, FACEP

Moderator: *Marna Rayl Greenberg, DO, MPH, FACEP*

Best of Research Forum

October 11, 2023 | 10:00 – 11:00 AM | Room 111AB

This course will focus on the highlights of the ACEP Research Forum. The speakers will discuss the high impactful and innovative research that was presented at this year's event in an entertaining and interactive forum.

Objectives:

- Identify new research that will impact emergency medicine.
- Critically appraise new studies and trials in emergency medicine.

Faculty: *Marna Rayl Greenberg, DO, MPH, FACEP*

Claire Pearson, MD, MPH, FACEP

Amber Sabbatini, MD, MPH, FACEP

Margaret Greenwood Ericksen, MD, MSc

Moderator: *NA*

State-of-the-Art I: Women and Leadership (AAWEP Section Sponsored)

October 10, 2023 | 9:00 – 9:50 AM | Room 111AB

This session will review the state-of-the-art evidence related to women in leadership roles.

Objectives:

- To detail the historical and current context of women in leadership.
- To identify gaps in knowledge on the impact of bias on female leadership.
- To describe effective opportunities for leadership advancement in women.
- To highlight the critical necessity of inclusion and analysis of this topic in future EM research.

Faculty: *Nicole Braxley, MD, MPH, FACEP*

Cristina M. Zeretke-Bien, MD, FAAP, FAAEM, FACEP

Sarah Hoper, MD, JD, FACEP

Shannon C. Lovett, MD, FACEP

Moderator: *Margaret Greenwood Ericksen, MD, MSc*

State-of-the-Art II: Crisis Standards of Care

(Disaster Section Sponsored)

October 10, 2023 | 8:00 – 9:00 AM | Room 111AB

After 2001, an Agency for Healthcare Research and Quality report acknowledged that normal standards of care (SOC) would have to yield in situations overwhelming hospitals. The then-called Institute of Medicine (IOM) forwarded the concept of Crisis Standards of Care™ (CSC) to be an umbrella when there's a substantial change in operations and a degradation in the level of care that is possible.

During COVID-19, and in other previous disasters, many hospitals did indeed find themselves declaring CSC without clear guidelines. The pandemic refocused the nation's attention on CSC, however limited research exists on this important topic that pulls from various disciplines: medicine, public health, ethics and others.

Objectives:

- Historical Review of CSC Research and latest CHEST
- CSC Disparities
- New Paradigm
- Gaps and Future Agenda

Faculty: *Timur Alptunaer, MD*

Emily Cleveland Manchanda, MD, MPH

John L. Hick, MD

Gabor Kelen, MD, FRCP (C) FACEP, FAAEM

Moderator: *Eric Goralnick, MD, MS, FACEP*

Claire Pearson, MD, MPH, FACEP

State-of-the-Art III: Setting the Record Straight on Crowding

(QPSC Section Sponsored)

October 10, 2023 | 1:30 – 2:30 PM | Room 111AB

The COVID pandemic led to unprecedented disruptions at all levels of the US health care system, straining emergency department capacity and leaving many emergency departments in a critical state of overcrowding. An ample body of research has been conducted over the past 20 years showing the harmful effects of overcrowding. Many strategies have been implemented with variable success to reduce overcrowding. This session will discuss what science has identified as the primary drivers of ED overcrowding and highlight the most impactful, evidenced-based strategies to reduce ED overcrowding.

Objectives:

1. Highlight key research demonstrating how overcrowding impacts patient outcomes and quality.
2. Synthesize the current evidence on the root causes of ED overcrowding.
3. Discuss evidenced-based strategies that have been shown to be effective in reducing ED overcrowding.

Faculty: *Arjun Venkatesh, MD, MBA*

Benjamin C. Sun, MD, FACEP

Moderator: *Amber Sabbatini, MD, MPH, FACEP*

MONDAY, OCTOBER 9

8:00 - 9:00 am

RF1 TELEMEDICINE | ROOM 104AB

#16 Vital Sign Monitoring During Crowding in Emergency Department Triage Using a Non-invasive Wearable Biosensor
Grace Rovenolt, Virginia Tech Carilion School of Medicine, Roanoke, Virginia

#17 A Novel Indication-Based Ordering Tool to Prioritize Emergency Department Patients Waiting for Computed Tomography of the Head
Bradley Gordon, Regions Hospital St Paul, MN; University of Minnesota Minneapolis, MN

#18 Acceptability and Feasibility of Mobile Web-Based Patient-Reported Abdominal Symptoms in the Emergency Department: A Pilot Study
Min Jung Kathy Chae, CyrenCare, NYC, NY

#19 The Use of Emergency Physician Televideo Visits to Provide Care-at-Home After Emergency Department Discharge
Allyson Kreshak, UC San Diego, San Diego, CA

#20 Extending Emergency Care Beyond Discharge: Piloting a Virtual After Care Clinic
S Mullennix, Emergency Care Specialists, Grand Rapids, Michigan

#21 Telehealth Emergency Department Triage Streamlined Patient Care and Reduced Left Without Being Seen Rates
Danny Le, Lehigh Valley Hospital and Health Network/USF Morsani College of Medicine

RF2 WELLNESS | ROOM 110AB

#22 Emergency Medicine Residency Program Leadership Well-Being: Results From a National Survey
J.R. Barrett, Augusta University, Augusta, Georgia

#23 EMF Pilot Testing the Feasibility of Wearable Devices and Ecological Momentary Assessments Among Emergency Medicine Providers
Anish Agarwal, University of Pennsylvania, Philadelphia, PA

#24 EMF Emergency Physician Perspectives on Workplace Wellbeing and Digital Mental Health
Anish Agarwal, University of Pennsylvania

#25 Burnout in the Emergency Department: Its Prevalence and Link to Occupational and Extra-Occupational Factors
Matthew Kraus, Penn State College of Medicine, Hershey, PA

#26 Integrating Front-Line Wellness Support into a Quality Strategy into an Emergency Medicine Practice.
John Throop, Emergency Care Specialists, Grand Rapids, Michigan

#27 Helping Healers Heal (H3): Recognizing the Importance and Need of Targeted Wellness Resources Within the Emergency Department Setting
Christopher Montgomery, New York City Health + Hospitals, New York City, New York

RF3 ULTRASOUND | ROOM 106AB

#28 Are We Performing Ultrasound-Guided Nerve Blocks for Geriatric Hip Fractures in the Emergency Department? A Qualitative Survey of Perceptions
Valerie Lew, Washington University in St. Louis, St. Louis Missouri

#29 Pericapsular Nerve Group Block versus Fascia Iliaca Compartment Block for Hip and Femur Fractures in the Emergency Department: A Propensity Score Matched Cohort Study
Akshay Kumar, AIIMS New Delhi

#30 Ultrasound-Guided Nerve Block Compared to Traditional Pain Control Modalities in the Emergency Department: A Systematic Review
J Ballard, Augusta University, Augusta Georgia

#31 Safety of Ultrasound-Guided Regional Anesthesia Performed by Emergency Physicians: A Systematic Review of Adverse Events
Rawan Safa, Washington University School of Medicine in St. Louis, St. Louis, Missouri

#32 Biplane Ultrasound in Ultrasound-Guided Vascular Access: Impact on Medical Student Competency
Christopher Thom, University of Virginia Health System

#33 Landmark vs. Ultrasound-Guided Identification of the Cricothyroid Membrane: A Randomized, Prospective Cohort Study
Megan Hoffer, George Washington University; Washington, DC

POSTER SESSION 1 | ROOM 108AB

#370 Accuracy of Clinical Assessment in Predicting Source of Infection for Septic Patients in the Emergency Department
Nicole Wanis, Henry Ford Hospital, Detroit, MI

#372 Comparison of Resource Utilization between Geriatric Falls on Anticoagulation Evaluated at Trauma Centers versus Non-trauma Centers
Parth Majumdar, Hackensack University Medical Center, Hackensack, New Jersey

#373 Massive Transfusion in Trauma: Does Payer Status Decrease Futile Transfusion?
Monique Arnold, Mount Sinai Hospital, New York, NY

#374 Comparison of Arterial Oxygen Levels of Mechanical ventilators versus Bag-Valve Ventilation During Cardiopulmonary Resuscitation: A Randomized Trial
Jirat Tosibphanom, Khon Kaen University, Khon Kaen, Thailand
**Best Overall Abstract*

#375 Laboratory Risk Assessment for Intracranial Bleeding in Mild Traumatic Brain Injury for Elderly and Anticoagulated Patients
George Hertner, UHealth, Colorado Springs, CO

#378 Effect of Intravenous Push and Piggyback Administration of Ceftriaxone on Mortality in Sepsis
Sun Young Lim, Seoul National University Bundang Hospital, Republic of Korea

#379 Vital Signs among Emergency Department Trauma Patients in the Setting of Alcohol or Drug Use
David Locke, Penn State Health - Hershey Medical Center, Hershey, PA

RF4 QUALITY | ROOM 105AB

#34 Our Growing Challenge: Urban Emergency Department Workplace Violence Based on Gender, Health Care Role, and Barriers to Reporting
Nicholas Cozzi, Rush University Medical Center, Chicago, IL

#35 Improving Adherence to Best Practices and Clinical Outcomes in Difficult Intravenous Access Patients
Todd Zimmerman, Beaumont Hospital: Royal Oak, Royal Oak Michigan

#36 Effect of Contrast Dye on Renal Function of Diabetics Who Presented With Acute Ischemic Stroke after Computed Tomography Angiography Head and Neck
Lauren Murray, Broward Health Emergency Medicine Residency, Deerfield Beach, FL

#37 The Patient Voice Project: A Qualitative Analysis of Patient Experiences with New York City Emergency Department
Charles Sanky, Icahn School of Medicine at Mount Sinai, New York, NY

#38 Are Happy Experiences Only from Happy Clinicians? An Observational Study Investigating the Relationship Between Practitioner Well-Being and Patient Experience
Brendan Carr, Mayo Clinic, Rochester, MN

#39 Leveraging Big Data in American College of Emergency Physicians Emergency Medicine Data Institute Registry to Find the Rate of Co-testing for Syphilis When Already Testing for Gonorrhea and Chlamydia
Erena Weathers, The Mount Sinai Hospital / Elmhurst Hospital Center

10:30 - 11:30 am

RF5 RESUSCITATION | ROOM 104AB

#40 Impact of En Route Critical Care Provider Experience on Lung Protective Ventilation Compliance During Air Transport of Combat Wounded
William Davis, En route Care Research Center, 59th Medical Wing, Science & Technology, Defense Health Agency, San Antonio, Texas

#41 Analysis of an Emergency Department Extubation Protocol Using Readiness-To-Wean and Rapid Shallow Breathing Index
Michael Sherman, University of Massachusetts Chan Medical School, Worcester, MA

#42 "Baby Box": Neonatal Resuscitation Box with Asynchronous Training Improves Emergency Medicine Provider Preparedness for Precipitous Delivery
Shuo-Kuen Huang, NYU Langone Health, New York City, NY

#43 Impact of the COVID-19 Pandemic and Research Publications in Critical Care
Syrus Razavi, University of Maryland School of Medicine, Baltimore City, MD

#44 Evaluation of Processed Electroencephalographic Data to Stratify Neurological Outcomes 6 Hours After Cardiac Arrest Treated with Targeted Temperature Management
Hunter Williams, University of New England College of Osteopathic Medicine (UNECOM)

#45 The Learning Curve of Resuscitative Transesophageal Echocardiography Performed by Emergency Physicians for Patients with Out-of-Hospital Cardiac Arrest
Peng-Yu Lee, Far Eastern Memorial Hospital, New Taipei City, Taiwan

RF6 TOXICOLOGY | ROOM 110AB

#46 Phenobarbital versus Benzodiazepines in Alcohol Withdrawal Syndrome: A Meta-Analysis
Ankit Sahu, All India Institute of Medical Sciences, New Delhi

#47 Assessing Safety Outcomes of Patients Discharged from the Emergency Department after Receiving Phenobarbital for Alcohol Withdrawal
Natalie Ebeling-Koning, Lehigh Valley Health Network/USF Morsani College of Medicine, Bethlehem, PA

#48 Capabilities of Emergency Departments to Treat Alcohol Use Disorder: Assessment from a Large Quality Improvement Initiative
Scott Weiner, Brigham and Women's Hospital, Boston, MA

#49 Comprehensive Safety Profile of the Most Commonly Ordered Medications for Breastfeeding Patients in the Emergency Department
Courtney Premier-Barragan, Northwestern University, Chicago, IL

#50 Acetaminophen Overdose Treated in the Emergency Department: Analysis of Nationwide Emergency Department Sample (NEDS)
Sarah Berg, Cook County Health, Chicago, IL

#51 Topical Tranexamic Acid in Outpatient Epistaxis: Unplanned Return Visits
Morgan McEnery, Ascension Resurrection Medical Center Chicago

RF7 QUALITY IMPROVEMENT | ROOM 106AB

#52 Disposition and Management of Emergency Department Patients With Computed Tomography Interpretation Suggestive of Stercoral Colitis
Brent Lorenzen, Southern California Permanente Medical Group, San Diego, California

#53 An Evaluation of the Reporting Quality of Emergency Department Systematic Reviews
Jane O'Donnell, Massey University, Auckland, New Zealand

#54 Characterization of Emergency Department Quality Assurance Cases Seen Within a Midwestern United States Health System
Karli Smith, UnityPoint Health - Des Moines, Des Moines, Iowa

#55 Patiromin Utility as an Adjunct Treatment in Patients Needing Urgent Hyperkalemia Management
Zubaid Rafique, Baylor College of Medicine, Houston, TX

#56 Intubation in Propofol-Treated Status Epilepticus: A Cohort Study
Maya Mikutra-Cencora, Université de Montréal, Montréal, Quebec, Canada

#57 Evaluating Practice Patterns of Observation Periods Status Post Epinephrine Administration for Anaphylaxis
Benjamin Walters Penn State College of Medicine

RF8 GERIATRICS | ROOM 105AB

#58 Total and Out-of-Pocket Costs for Emergency Department Visits Among Older Adults by Medicare Coverage Type, 2015 to 2020
Wafa Salah, Yale University School of Medicine, New Haven, CT

#59 COVID-19-Related Disruptions in Emergency Department Use Among Older Veterans
Justine Seidenfeld, Durham VA Medical Center, Durham, NC

#60 Emergency Department Utilization by Nursing Home Residents: A National Cross-Sectional Study
Peter Serina, Brown University, Providence, RI

#61 Characteristics of Patients Identified at Risk for Malnutrition in a Geriatric Emergency Department
Arthur Davis, University of California San Diego, San Diego, CA

#62 Forecasting Areas of Need for Geriatric Emergency Care: Quantifying National Access to and Utilization of Geriatric Emergency Departments
Hussein Elamin, West Health Institute, San Diego, California

MONDAY, OCTOBER 9

#63 Outcomes in Older Patients Presenting With Major Trauma to an Irish University Hospital Emergency Department: A Five-Year Review

Aileen McCabe, Tallaght University Hospital, Dublin, Ireland

POSTER SESSION 2 | ROOM 108AB

#380 Prediction of a Therapeutically Active Dose of the Cannabinoid Type 1 Receptor Antagonist ANEB-001 For Reversal of Acute Cannabis Intoxication Using a Pharmacokinetic/Pharmacodynamic Model

L Klumpers, Verdient Science, LLC, Denver, Colorado; and Larner College of Medicine, University of Vermont, Burlington, Vermont

#381 C-reactive Protein Measurement and Sepsis-related Scores for Sepsis Triage in Low-to-middle-income Settings: A Single Center Retrospective Cohort

Victor Vaisberg, Hospital das Clinicas da FMUSP

#382 Moral Distress in Resuscitation Policy Implementation during the COVID-19 Pandemic: A Mixed Methods Study

Rachel Welch, Yale University, New Haven, Connecticut

#383 Accuracy of AllMS Sepsis Protocol in Early Identification of Sepsis in Patients Presenting to Emergency Department

Roshan PK, All India Institute of Medical Sciences, New Delhi

#385 Underage Alcohol Intoxication in the Emergency Department

Casey Collier, Ascension Resurrection Medical Center Chicago

#386 COVID-19 Vaccine Messaging Platforms in the Emergency Department

Rene Monzon, UCSF San Francisco, CA

#387 Age-Related Trends in Laboratory Testing, Radiologic Imaging, Empiric Antibiotics, Intravenous Fluids, and Hospital Admission Among Adult Patients Presenting With Diarrhea to United States Emergency Departments (2016-2020)

Mohamed Azqul, Ministry of Health, Egypt

#388 Increasing Incidence of Methamphetamine Use in Hospitalized and Critically Ill Patients

Daniel Suto, UC San Diego, San Diego, CA

#389 The Use of a Viral Pandemic Dispatch Protocol to Filter Out Minor Illness Cases of COVID

Jason Winslow, Suffolk County EMS

11:30 am - 12:30 pm

RF9 LEADERSHIP/TRAUMA | ROOM 104AB

#64 The New York ACEP Opportunities for Women in Leadership Program: Best Practices and Key Lessons Learned

Mahlaqa Butt, Maimonides Medical Center, Brooklyn, NY

#65 One Year of Passive Weapons Detection and Deterrence at an Academic Emergency Department

Sarayna McGuire, Mayo Clinic, Rochester, MN

#66 Hands-Only CPR and Stop the Bleed Training for Bank of America Chicago Marathon Volunteers

Megan Chenworth, Northwestern University Feinberg School of Medicine, Chicago, IL

#67 Evaluation of Acute Pediatric Ankle and Foot Injuries Using Point-of-Care MRI in the Emergency Department

Hermann Piard Jr., New York-Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY

#68 Impact of Debriefings and the Review of the Patient's Audio/Video Recordings on Trauma Team Performance in the Emergency Department

Vytautas Aukstakainis, Lithuanian University of Health Sciences, Kaunas, Lithuania

RF10 AIRWAY | ROOM 110AB

#69 Timely Post Intubation Sedation and Analgesia: How Often Do We Get It Right?

Daniel Villegas, Kirk Kerkorian School of Medicine at UNLV

#70 Procedural Sedation and Analgesia in the Emergency Department and Intensive Care Unit: A Systematic Review and Network Meta-Analysis

Sameer Sharif, McMaster University, Hamilton, Ontario, Canada

#71 Physician Assistant Intubation in the Emergency Department: An Analysis from the National Emergency Airway Registry

Fred Wu, University of California, San Francisco - Fresno; Fresno, CA

#72 Airway Management Practices Among Community Emergency Departments: A Multicenter Evaluation of Over 11,000 Endotracheal Intubation Attempts

Jonathan Kei, Kaiser Permanente San Diego Medical Center, San Diego, CA

#73 Succinylcholine versus Rocuronium in Emergency Airway Management: A Systematic Review and Meta-Analysis

Charu Malhotra, All India Institute of Medical Sciences, New Delhi

#74 Overweight and Obesity in the Pediatric Population Is Associated With Significantly Increased Risk of Receiving an Intervention in Emergency Department Procedural Sedations

R Doyle, Lake Erie College of Osteopathic Medicine, Erie PA

RF11 BEST OF RESEARCH FORUM I | ROOM 106AB

#1 Results from the "hEad Pulse for Ischemic Stroke DETection Prehospital Study during the COVID-19 pandemic" (EPISODE-PS-COVID)

*James Paxton, Wayne State University (Detroit, Michigan) *Best Overall Abstract*

#2 Lower In-Hospital Mortality and Rebleeding Among Patients With Major Gastrointestinal Bleeding Treated With Andexanet Alfa vs 4-Factor Prothrombin Complex Concentrate

Gregory Fermann, University of Cincinnati, Cincinnati, OH

#3 Impact of Time to Antibiotic Therapy on Clinical Outcomes in Patients With Sepsis in the Emergency Department

Ming-Shun Hsieh, National Yang Ming Chiao Tung University, Taipei, Taiwan, School of Medicine,

**Best Early Career Abstract*

#4 Oral Varespladib for Snakebite Envenoming: The BRAVO International Randomized Controlled Trial

Charles Gerardo, Duke University Hospital, Durham, North Carolina

#5 Stepped-Wedge Trial to Assess Reduction of Mortality of Sentential Conditions After World Health Organization Emergency Care System Toolkit Implementation

Tsion Firew, Federal Ministry of Health of Ethiopia

RF12 COVID | ROOM 105AB

#75 Differential Effect of Age on Mortality in African Americans Infected With the SARS-CoV-2 Virus in the United States

Kevin Kwamin, Trinity Health-Livonia, MSU COM

#76 Feasibility and Outcomes of Monoclonal Antibody Administration in the Emergency Department for Non-Hospitalized Patients With COVID-19

Christina Rustscheff, Good Samaritan University Hospital, West Islip, NY

#77 Effects of COVID-19 on Pregnant Women and Their Newborns

Donna Mendez, UTMB, Galveston, Texas

#78 Validation of ANCOG Score for Prognosis of COVID-19 in Different SARS-CoV-2 Variants

Marta Sacco Fernandez, Università Cattolica del Sacro Cuore, Facoltà di Medicina, Rome, Italy

#79 N95 Contamination With COVID-19 Following Mask Reuse and Extended Use: A Multicenter, Prospective Cohort Study

James Ford, University of California, San Francisco, San Francisco, CA.

#80 Effect of the COVID-19 Pandemic on Adult Emergency Department Visits for Depression and Suicidal Ideation

Bryan Luu, Morristown Medical Center, Morristown, New Jersey

POSTER SESSION 3 | ROOM 108AB

#390 A Before and After Comparison of a Novel Device for ECG

Christina McClung, University of Southern California

#391 Sensitivity of Software-Automated Interpretation of STEMI

Danielle Pitter, SUNY Upstate Medical University, Syracuse NY

#392 Descriptive Study of Utilization of Urine Drug Screen for Abdominal Pain Complaints in the Emergency Department

Sung Choi, Hackensack University Medical Center, Hackensack, NJ

#394 Pre- and Post-Implementation Comparison of the Impact of Emergency Department-Based COVID-19 Point-of-Care Testing on Emergency Department Patient Metrics

Katherine Fenstermacher, Johns Hopkins University, Baltimore MD

#395 Brazilian Airway Registry COoperation: Comparison Between Intubations Performed by Emergency Physicians or Non-Emergency Physicians

I Maia, HCFMUSP, São Paulo, Brazil

#396 Brazilian Airway Registry COoperation: Comparison Between Intubations Performed With or Without Videolaryngoscope

Ian Ward A. Maia, HCFMUSP, São Paulo, Brazil

#397 Analysis of Follow-Up Chest Radiography for Adult Emergency Department Patients

Aileen McCabe, Tallaght University Hospital, Dublin, Ireland

#398 Patient Variables Associated With High/Moderate Acuity Abdominal/Pelvis CT Scan Results in the Adult, Non-Traumatic Emergency Department Patient

Jacob Moore, North Alabama Medical Center Florence AL & East Carolina University Greenville NC

#399 Extracorporeal Membrane Oxygenation in Hemodynamically Unstable Stanford Type A Aortic Dissection: Case Series

Shinichi Miyaoka, Tokyo Bay Urayasu Ichikawa Medical Center, Urayasu, Chiba, Japan

12:30 - 1:30 pm

RF13 HEALTH POLICY | ROOM 104AB

#81 Characterization of Potentially Avoidable Emergency Department Transfers among Medicare Beneficiaries

Kathleen Li, University of Washington

#82 A Cross-Sectional Assessment of Variations in Discounted Cash Prices for Critical Care Time at American Hospitals

Tony Zitek, Mount Sinai Medical Center, Miami Beach, Florida

#83 Medical Malpractice Lawsuits Involving Nurse Practitioners and Physician Assistants

Summer Ghaith, Mayo Clinic Alix School of Medicine, Phoenix, AZ

#84 An Overview of State Stroke Center Designation Processes in the United States

Madeline Feldmeier, University of California, San Francisco

#85 Publishing Trends in the Field of Emergency Department Observation Medicine: A Bibliometric Analysis

Abdul-Jawad Majeed, Penn State College of Medicine, Hershey, PA

#86 Unfilled in Emergency Medicine: An Analysis of Open 2022 and 2023 Match Positions by Program Accreditation, Ownership, and Geography

Wendy Sun, Yale University School of Medicine, New Haven, CT

#87 Medication-Assisted Treatment Program: Addressing Gaps in Linkages to Care

Lyn Hasleton, Summa Health System, Akron OH

RF14 SUBSTANCE USE DISORDER | ROOM 110AB

#87 Medication-Assisted Treatment Program: Addressing Gaps in Linkages to Care

Lyn Hasleton, Summa Health System, Akron OH

#88 Emergency Department Visits Among Opioid Use Disorder Patients

Sabrina Gaizov, Indivior, North Chesterfield, VA

#89 Use of Psychological Surveys to Predict Retention in Medication-Assisted Treatment Programs

David Seaberg, Summa Health, Akron, OH

#90 Addressing Substance Use Disorder to Decrease Hospital Readmissions and Improve Behavioral Health Patient Outcomes

Jenny Bernard, Hackensack Meridian Health Network, Patient Safety & Quality

#91 Bridging to Better Substance Use Treatment: Implementation and Effectiveness of Statewide Emergency Department Opioid Use Disorder Treatment Programs in California

Elizabeth Samuels, UCLA

#92 How Much Is Treatment? Health Care Utilization Cost for Patients With Opioid Use Disorder

Lyn Hasleton, Summa Health, Akron, OH

MONDAY, OCTOBER 9

RF15 QUALITY | ROOM 106AB

#93 Novel Monitoring Dashboard for Patients Presenting to the Emergency Department With Chest Pain
Chad Keller, Lehigh Valley Hospital and Health Network/USF Morsani School of Medicine

#94 Save the Brain: A Door-to-Needle Time Multi-Modal initiative at a Suburban Stroke Center
John Keilty, University of Minnesota Medical School, Minneapolis, Minnesota

#95 Driving Quality Improvement into the 21st Century: Creating a Quality Improvement Database
Suresh Pavuluri, Yale School of Medicine, New Haven, CT

#96 Review of Intensive Care Unit Upgrades Within 24 Hours of Admission: A Quality Assurance Initiative
Phoebbe Draper, NYU Langone Medical Center, NY, NY

#97 Do Observation Unit Admissions for Patients With Renal Colic Help Prevent Return Visits to the Emergency Department
Philip Giarusso, Good Samaritan University Hospital, West Islip, NY

#98 An Effective Method of Reducing Patient Left Without Being Seen Rates
Benjamin Blackwood, Eastern Virginia Medical School, Norfolk, VA

RF16 PUBLIC HEALTH | ROOM 105AB

#99 EMF A Retrospective Study of a Novel Prediction Tool for Assessing Those at Risk for Firearm Violence
Samantha Jones, SUNY Upstate Medical University, Syracuse, NY

#100 First Responder Experiences With a Novel Leave-Behind Naloxone Program: Results of a Pilot Qualitative Survey
Emily Ager, Michigan Medicine, Ann Arbor, Michigan

#101 Implementation of a Pneumococcal Vaccination Process in the Emergency Department: A Multi-Disciplinary, Patient-Centric Approach
Olivia Johnson, Indiana University School of Medicine, Indianapolis, IN

#102 Improved Care for Survivors of Sexual Assault With an Electronic Health Record-Integrated Clinical Pathway
David Yang, Yale University, New Haven, CT

#103 Trends in Cannabis Use in New Jersey: Effects of COVID and Cannabis Legalization
Raj Patel, Hackensack University Medical Center, Hackensack, NJ

#104 It's a Philly Thing: Effect of Philadelphia Eagles' Super Bowl Participation on Emergency Department Utilization
Jason Wade, Thomas Jefferson University, Philadelphia, PA

POSTER SESSION 4 | ROOM 108AB

#400 EMF Staff Attitudes and Experiences With Implementation of an Emergency Department Community Health Worker-Peer Recovery Specialist Program for Patients With Substance Use Disorders
Aneeqah Naeem, The Warren Alpert Medical School of Brown University, Providence, Rhode Island

#401 Great Expectations: A Randomized Controlled Trial of a Novel Patient Expectations Communication Tool
Martin Wegman, Orange Park Medical Center, Orange Park, FL

#402 Sedation after Intubation
Ina Kim, Valley Health System

#403 Comparison of Point-of-Care Testing versus Hospital Lab Testing in the Emergency Department: A Time to Results Evaluation of the ISTAT Device
Shivansh Pandey, Hennepin Healthcare Research Institute, Minneapolis MN

#404 Emergency Department Length of Stay, Patient Boarding, Door-to-Doctor Time, and Percent of Patients Left Without Completing Service to Evaluate if There Is Any Correlation Among These Metrics
Peter Vajda, Henry Ford Health

#405 Time to Antibiotics in Septic Shock: Associated Mortality and Opportunities to Improve Care
Bryan Shure, Summa Health, Akron, OH

#406 National and Geographic Variation in Medicare Reimbursement Changes for Top Emergency Medicine Procedures From 2013 to 2023
Connor Larson, Texas Tech University Health Sciences Center, School of Medicine

#407 Identifying Human Trafficking in the Hospital Via an Abuse Screening Tool
Kali Weiss, University of Iowa Hospitals and Clinics, Iowa City, Iowa

#408 Success of an Intervention to Reduce CT Utilization in Patients Being Evaluated for Potential Pulmonary Embolism
Ruha Reddy, Lehigh Valley Hospital and Health Network/USF Morsani School of Medicine

1:30 - 2:30 pm

RF17 DIVERSITY | ROOM 104AB

#105 Intersectional Inequities in Emergency Medicine Resident Performance Assessments by Race and Sex
Elle Lett, University of Pennsylvania, Philadelphia, PA

#106 Toward a Real-Time Artificial Intelligence Assistant for Characterizing and Mitigating Language Bias in Emergency Medicine Notes
Sean Boley, Emergency Care Consultants, Minneapolis, MN

#107 Exploring Diversity, Equity, Inclusion and Antiracism in Humanitarian Academic Organizations: A Preliminary Mixed Methods Study
Francesco Sergi, University of California, San Francisco, San Francisco, CA

#108 IRANT: Training Session on Novel Intervention Tool Increases Residents' Recognition of and Confidence in Addressing Microaggressions
Emily Grass, Prisma Health Upstate

#109 Understanding the Relationship Between Experiences With Health Care Discrimination and Emergency Health Care Delay Among Intersex Adults
Jeremy Wang, University of California, San Francisco, San Francisco, CA

#110 The Association Between Race and EMS Patient Offload Times
Danielle DiCesare, Orlando Health, Orlando, FL

RF18 BASIC / CARDIOLOGY | ROOM 110AB

#111 Potential Impact of Application of the Canadian Syncope Risk Score
Andrea Harris, University of Maryland School of Medicine, Baltimore MD

#112 Use of an Electronic Clinical Decision Support Tool for Emergency Department Oral Anticoagulation Prescribing for Acute Atrial Fibrillation: Step One of a Step-Wedge Cluster-Randomized Clinical Trial
Erin Kinney, Oregon Health & Science University, Portland, OR

#113 A Retrospective Analysis of Intravenous Diltiazem With or Without a Drip for Atrial Fibrillation in the Emergency Department
Sarah Zajd, Mount Sinai Medical Center, Miami Beach, Florida

#115 Rapid Outpatient Evaluation for Patients With HEART Score 4/5 Safely Reduces Admissions
Nicholas Lesh, Summa Health System, Akron OH

#116 Diltiazem versus Metoprolol for Atrial Fibrillation With Rapid Ventricular Response
Paul Koscumb, UTMB, Galveston, Texas

#355 Unique Implementation of an Emergency Department Human Immunodeficiency Virus Routinized Screening Program
Michael Ullo, Hackensack Meridian Health - HUMC; Hackensack New Jersey; Hackensack School of Medicine, Nutley, NJ

RF19 DIAGNOSTICS | ROOM 106AB

#117 Patient and Emergency Department Medical Staff Factors Associated With Abdominal Computed Tomography Scan Utilization in United States Emergency Departments to Evaluate Adults With Diarrhea
Mohamed Azqul, Harvard Medical School/Ministry of Health, Egypt

#118 Reliability of Continuous Noninvasive Hemoglobin Monitoring in Healthy Participants during En Route Care Training
William Davis, En route Care Research Center, 59th Medical Wing, Science & Technology, Defense Health Agency

#119 Investigating Factors Influencing Diagnostic Safety in Emergency Department Patients Using Decision Trees
Fernanda Belloio, Mayo Clinic, Rochester, MN

#120 Mining Electronic Health Records to Identify Key Factors Influencing Diagnostic Errors in the Emergency Department
Fernanda Belloio, Mayo Clinic

#121 Clinical Utility of a Brain Activity-Based Biomarker for the Triage of Head-Injured Patients in the Emergency Department
Marleine Clay, Inova Fairfax Hospital, Falls Church, VA

#122 The Effect of Contrast Rationing on the Development of AKI During the Global Contrast Shortage
Shawna Bellew, Prisma Health Upstate, USCSOM, Greenville, South Carolina

RF20 EDUCATION | ROOM 105AB

#123 Increasing Diversity in Emergency Medicine through a Summer Fellowship
Dahlia Kaki, University of California, San Francisco; San Francisco, CA

#124 Resident Career Decisions in Emergency Medicine: A Qualitative Study
Jamie Jordan, David Geffen School of Medicine at UCLA, Los Angeles, CA

#125 EMF The Geographic Alignment of Emergency Physician Birth State, Medical School State, Residency Training State and Current Practice State
Mary Haas, University of Michigan, Ann Arbor, MI

#126 National Survey of Staffing Patterns of Non-ACGME Fellowships at 4-Year Residency Programs
Jessica Koehler, University of Michigan, Ann Arbor, MI

#127 Program Director Longevity in Emergency Medicine Residencies: A 40-Year Analysis
Rachel Bass, David Geffen School of Medicine at University of California Los Angeles, Los Angeles, CA

#128 Effect of COVID-19 Pandemic on Emergency Medicine Resident Education
Laura Smylie, Wayne State University School of Medicine, Detroit, Michigan

2:30 - 3:30 pm

RF21 GERIATRICS | ROOM 104AB

#130 Older Adult Patient Engagement in Advanced Care Planning
Elizabeth Albert, Maine Medical Center, Portland, ME

#131 Addressing Palliative Medicine Knowledge Gaps Amongst Emergency Medicine Providers: A Quality Improvement Project
Ben Pare, Atrium Health Wake Forest Baptist Medical Center, Winston-Salem, NC

#132 Geriatric Emergency Department Guidelines 2.0: A Systematic Review of Emergency Department-Based Geriatric Medication Programs to Reduce Potentially Inappropriate Medications and Adverse Events
Jane Hayes, Massachusetts General Brigham, Harvard Medical School, Boston, MA

#133 In-Home Urgent Care for Elderly, Poly-Chronic Patients and Emergency Department Utilization
John Bruderrick Jr., Landmark Health, 7755 Center Ave, Suite 700, Huntington Beach, CA 92647

#134 "What Matters" in the Emergency Department: A Prospective Analysis of Older Adults' Concerns and Desired Outcomes
Tonya Chera, Yale University School of Medicine, New Haven, CT

RF22 BEST OF RESEARCH FORUM II | ROOM 110AB

#6 Venous Excess Ultrasound Grading System (VExUS) as a Predictor of Early Adverse Outcomes in Emergency Department Patients Presenting With Sepsis
*John Forrester, North Shore University hospital
Best Resident Abstract

#7 Advanced vs. Basic Life Support Outcome Variation in the Treatment of Out-of-Hospital Cardiac Arrest in Detroit
Ryan Silvagi, Wayne State University School of Medicine, Detroit, MI

#8 Changes in Emergency Department Quality Improvement Practices between 2019 and 2023: Analysis of the Emergency Quality (E-QUAL) Network Quality Readiness Assessments
Wendy Sun, Yale University School of Medicine

#9 A Randomized Controlled Trial of an Emergency Department Discharge Intervention as an Alternative to Hospitalization
Austin Kilaru, Perelman School of Medicine at the University of Pennsylvania, Philadelphia PA

#10 Application of Motor Learning Theory to Teach the Head Impulse Test to Emergency Medicine Resident Physicians
Jacob Lenning, Wayne State University School of Medicine, Detroit MI

RF23 TRAUMA | ROOM 106AB

#135 Early Femoral Arterial Access in Trauma: Does It Make a Difference?
Shyam Murali, University of Pennsylvania, Philadelphia, PA

#136 Illustrating Quality Improvement in Extended Focused Assessment With Sonography in Trauma through a Tailored Educational Intervention
Kristen Kobayashi, NYP Queens, Queens, New York

#137 Evaluating Outcomes and Disparities for Police "Scoop and Run" vs EMS Transport for Firearm Injury Patients
Brett Biebelberg, Sidney Kimmel Medical College at Thomas Jefferson University, Jefferson Center for Injury Research & Prevention

#138 Association Between Emergency Medical Services Care and Hospital Admission for Trauma Patients Presenting to the University Teaching Hospital in Kigali, Rwanda
Oriane Longerstaey, The Warren Alpert Medical School of Brown University, Providence, RI

#139 Helmet or No Helmet? An Analysis of Ski- and Snowboard-Related Head Trauma
Kayla Pena, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ

RF24 AIRWAY | ROOM 105AB

#140 A Descriptive Analysis of Patients Undergoing Out-of-Hospital and Emergency Department Surgical Airways: Characteristics and Outcomes
Amanda Mathews, Vanderbilt University Medical Center, Nashville, TN

#141 Comparing Aerosol Exposure and Prevention Strategies During Bystander, Out-of-Hospital, and Inpatient Cardiopulmonary Resuscitation
Shu-Sheng Li, Ditmanson Medical Foundation Chiayi Christian Hospital, Chiayi County, Taiwan

#142 Novel Hyperangulated Laryngoscope Capable of Use in a Soiled Airway
Richard Moschella, University of Michigan, Ann Arbor, MI

#143 A Randomized Control Trial to Assess Effectiveness of Apnoeic Oxygenation Using Low-flow or High-Flow Nasal Cannula to Prevent Desaturation During Endotracheal Intubation
Shahan Waheed, Aga Khan University, Karachi, Sindh

#144 Overweight and Obesity Is Associated With Significantly Increased Risk of Receiving an Intervention in Emergency Department Procedural Sedations
Ryan Doyle, Lake Erie College of Osteopathic Medicine, Erie PA

#145 Prospective Validation of Difficult Airway Physiological Score to Predict Patients With Serious Outcomes Undergoing Endotracheal Intubation in the Emergency Department
Shahan Waheed, Aga Khan University, Karachi, Pakistan

3:30 - 4:30 pm

RF25 EMF SHOWCASE | ROOM 104AB

#146 EMF Development and Pilot Testing of a Novel Artificial Intelligence and Care Coach Intervention for Persons Living With Cognitive Impairment and Care Partners Experiencing Emergency Department Care Transitions
Tonya Chera, Yale University School of Medicine, New Haven, CT

#147 EMF Improving Asthma Referrals Following Pediatric Emergency Department Care
Amy DeLaroché, Children's Hospital of Michigan

#148 EMF Moving Beyond "I know it when I see it": A Qualitative Study to Develop a Behavioral Definition of the Master Adaptive Learner for Emergency Medicine Trainees
Laura Hopson, University of Michigan

#149 EMF Lung Ultrasound Does Not Predict Hypoxia in Cohorts of Ambulatory Patients With COVID-19
Daniel Theodoro, Washington University School of Medicine, St. Louis, MO

#150 EMF Pilot Study of an Innovative Model to Provide Multimodal Cognitive Behavioral Theory-Informed Physical Therapy for Neck and Back Pain in the Emergency Department
Stephanie Eucker, Duke University School of Medicine, Durham, NC

RF26 SOCIAL DETERMINANTS | ROOM 110AB

#151 Emergency Department-Based Social Determinants of Health Screening and Referral Program to Deliver Whole Patient Care
Lynn Jiang, NYP Weill Cornell Medical Center, New York, NY

#152 Can Data Sciences Advance the Collection, Identification, and Usage of Social Determinants of Health in the Emergency Department to Improve Patient Outcomes? A Scoping Review
Donald Apakama, Icahn School of Medicine, New York, NY

#153 Social Domains of Needs Score on Predicting Hospital Admissions for Patients in a Community Paramedicine Program
Jennica Siddle, Prisma Health - Upstate, Greenville, SC

#154 Food Insecurity and Social Determinants of Health in an Urban Academic Emergency Department
Cathy Daichang, Rutgers New Jersey Medical School, Newark NJ

#155 Socioeconomic Determinants of Health on Rates of Appendicitis and Computed Tomography for Diagnosis in United States Emergency Departments
Greg Neyman, Robert Wood Johnson Barnabas Health Community Medical Center, Tom's River, NJ

#156 Assessing Perceptions of Social Determinants of Health Screening in the Emergency Department Among Patients and Providers
Samantha Hay, Brigham and Women's Hospital, Boston, MA

RF27 INFECTIOUS DISEASE | ROOM 106AB

#157 An Assessment of the Prevalence of Clostridium Tetani in the Environment
Michael Shalaby, Mount Sinai Medical Center, Miami Beach, Florida

#158 The Emergency Department as an Entry Point for Patients With Monkeypox: Opportunities for Improvement
David Rudolph, Johns Hopkins University School of Medicine, Baltimore MD

#159 A Rapid Host-Based Test Integrating TRAIL, IP-10 and CRP Differentiates Bacterial from Viral Infection in Acute Febrile Patients: Apollo Double-Blind Clinical Validation Study
Richard Rothman, Johns Hopkins University

#160 Comparisons of Hospital Mortality Between Sepsis Patients of Bacteremia With and Without Antimicrobial Resistance: A Propensity Score Matching Cohort Study Between 1996 And 2022
Ming-Shun Hsieh, Taipei Veterans General Hospital, Taoyuan Branch, Taoyuan, Taiwan

#161 A Host Response Test (MMBV) For Differentiating Between Bacterial and Viral Infection Has Potential to Improve Antibiotic Stewardship in Patients With Suspected Sepsis
Alon Angel, MeMed, Haifa Israel

#162 A National Emergency Department Registry for Monkeypox
Bhakti Hansoti, Johns Hopkins University School of Medicine, Baltimore MD

RF28 PEDIATRICS | ROOM 105AB

#163 Corticosteroid Therapy Effect on Biphasic Reaction in Children With Anaphylaxis
B Pradarelli, Mount Sinai New York NY

#164 The Diagnostic Utility of Hip Ultrasound in the Diagnosis of Septic Arthritis of the Hip in Pediatric Patients
N Lopreato, Walter Reed National Military Medical Center Bethesda, MD

#165 Laboratory Predictors of Illness Severity in Multisystem Inflammatory Syndrome in Children
M Minor, Atlantic Health System, Morristown, NJ

#166 Real-World Evidence Demonstrates Safety and Performance of Intraosseous Vascular Access, Including for Longer Duration of Use in Pediatric Patients
T Philbeck, Teleflex Medical Incorporated

#167 Risk of Serious Bacterial Infections in Febrile Infants aged 7-90 days With COVID-19
T Greenhow, Kaiser Permanente Northern California, San Francisco, CA

#168 Brief Hospitalizations and Readmissions Among Children With Complex Chronic Conditions
Brigid Garrity, Boston Medical Center, Boston, MA

8:00 - 9:00 am

RF29 ADMINISTRATION | ROOM 104AB

#169 Who Is Coming In? Evaluation of Physician Performance Within Multi-Physician Emergency Departments
Rohit Sangal, Yale School of Medicine, New Haven CT

#170 Length of Stay Is Associated With Lower Patient Experience Ratings for Emergency clinicians
Thomas Lardaro, Indiana University School of Medicine, Indianapolis, IN

#171 Characteristics Associated With Patient Satisfaction Scores in the Emergency Department
Luke Weber, Mount Sinai Medical Center, Miami Beach, Florida

#172 Who Fills out Emergency Department Patient Satisfaction Surveys?
Tatiana Nunez, Mount Sinai Medical Center, Miami Beach, Florida

#173 Quantifying the Impact of Hospital Boarding on Patient Outcomes and Downstream Hospital Operations
Rohit Sangal, Yale School of Medicine, New Haven CT

#174 Price Transparency and Variation in Emergency Department Visits by Payer Type: A Nationwide Analysis
Jacob Morey, Mayo Clinic, Rochester, MN

RF30 SOCIAL DETERMINANTS | ROOM 110AB

#176 A Preliminary Assessment of Emergency Department Utilization and Trends by Patients Experiencing Homelessness
Alexandria Plezia, Loyola University Medical Center, Stritch School of Medicine, Maywood, IL

#177 Utilization of Hospital Payor Mix as an Estimate for Socioeconomic Status in a National Database
Cole Talbot, Robert Wood Johnson Barnabas Health Community Medical Center, Tom's River, NJ

#178 Emergency Department Food Insecurity Screening, Food Voucher Distribution, and Referral Utilization: A Prospective Cohort Study
Alexander Ulintz, The Ohio State University, Columbus, Ohio

#179 Serving the Homeless in the Emergency Department Setting
Kyle Stucker, University of Louisville, Louisville, Kentucky

#180 Eligibility of Emergency Department Patients for Public Benefit Programs: A Survey
Austin Kilaru, Perelman School of Medicine at the University of Pennsylvania, Philadelphia PA

RF31 PEDIATRICS | ROOM 106AB

#181 EMF Evaluation of Insurance Type as a Proxy for Patient-Level Socioeconomic Status in the Pediatric Emergency Department: A Pilot Study
Michael Monuteaux, Boston Children's Hospital, Boston, MA

#182 Emergency Department Characteristics Associated With Pediatric Behavioral Health Readiness
Ashley Foster, University of California, San Francisco

#183 A.P.B. DUMBLEDORE study. Algorithm Pecarne to Bowl over raDiation and brush Up Management of Brain injury in wardLy Emergency Department: Outcomes and Rowding improved
Gabriele Savioli, IRCCS Policlinico San Matteo, Pavia, Italy

#184 EMS Scene Time During the Pediatric Out-of-hospital Cardiac Arrest
SunHee Chung, OHSU, Portland, OR

#185 Pott's Puffy Puzzle: Unraveling a Cluster of Pediatric Cases
Karen Schaeffer, NYCHHC-Jacobi/Albert Einstein College of Medicine, Bronx, NY

#186 Prescribing Patterns of Epinephrine Upon Discharge for Anaphylaxis Patients: A Comparison Between Adult and Pediatric Patients
Joslyn Joseph, Rutgers Health - Community Medical Center

TUESDAY, OCTOBER 10

RF32 HEALTH POLICY | ROOM 105AB

#187 Awareness of California Medicaid Expansion for Undocumented Adults Over 50

Karla Tlatelpa, David Geffen School of Medicine at UCLA, Los Angeles, CA

#188 A Qualitative Investigation of Black Patient Perspectives on Racism and Emergency Care

Anish Agarwal, University of Pennsylvania

#189 Does Medicaid Cover Out-of-State Abortion? A Mystery Shopper Survey of State Medicaid Agencies

Hazar Khidir, Yale University School of Medicine, New Haven, CT

#190 Health Disparities in Emergency Department Administration of Buprenorphine for Treatment of Opioid Use Disorder

Ala'a Khattab, Henry Ford Hospital, Detroit Michigan

#192 Initiating Care for Low Back Pain in the Veterans Health Administration: Where Does It Start? And Where Does It Go?

Charles Penza, Orlando VA Medical Center Orlando, FL

POSTER SESSION 5 | ROOM 108AB

#410 EMF Speaking the Same Language: Adapting Multilingual Approaches to a Clinical Social Needs Intervention

Danielle Cullen, Children's Hospital of Philadelphia, Philadelphia, PA

#411 Emergency Department and Hospital Utilization after Emergency Department-Initiated Buprenorphine for Opioid Use Disorder

Mit Patel, Henry Ford Hospital, Detroit, Michigan

#412 Massive Hemorrhage Protocol: Emergency Medicine Resident Education Intervention

Peter Haskins, Mount Sinai Morningside/West, New York, NY

#413 Estimates of HIV Testing at Visits to United States Emergency Departments, 2014-2020

Carson Clay, NYU Grossman School of Medicine, New York, NY

#414 The Effect of Social Distancing Measures During the COVID-19 Pandemic on Opioid Overdose Presentation Rates

Paxton Aung, Good Samaritan University Hospital, West Islip, NY

#415 Assessing Missed Opportunities for Sexually Transmitted Infection Testing and Linkage to Prenatal Care During Emergency Department Visits in Early Pregnancy

Ngozi Pierce, University of Texas Health Science Center at Houston, Houston, TX

#416 EMF Emergency Department Utilization and Hospitalizations Associated With Flooding in the Continental United States: 2008-2017

Zachary Wettstein, University of Washington School of Medicine, Seattle, WA

#417 Early Data from an Out-of-Hospital Whole Blood Transfusion Program for Trauma Patients

Tony Zitek, Mount Sinai Medical Center, Miami Beach, Florida

#418 Pediatric Winter-Related Sports' injuries in the United States, an Analysis of 2012 to 2021

Ali Pourmand, George Washington University School of Medicine and Health Sciences, Washington DC

#419 Impact of Transfer Status on Testicular Torsion: A Retrospective Database Review

Ramsay McConnell, University of Central Florida College of Medicine, Orlando Florida

10:00 - 11:00 am

RF33 EDUCATION | ROOM 104AB

#193 Improving Physicians' Ability to Perform the Sexual Assault Forensic Exam in the Emergency Department

Gabrielle Ragazzo, Emory University School of Medicine, Atlanta, GA

#194 Development of a Mastery Learning Checklist for Pregnancy Disclosure and Options Counseling in the Emergency Department

Carl Preiksaitis, Stanford University, Palo Alto, California

#195 The Red Eye: A Diagnostic Tool to Assist the Emergency Physician

Angela Torres, Loma Linda University Health, Loma Linda, CA

#196 A Novel Simulation Model for EZ IO Emergency Craniostomy for Dural Drainage

Grace Gartman, Eastern Virginia Medical School, Norfolk, VA

#197 Residents Teaching Residents Resuscitation in a Pediatric Emergency Department: An In Situ Model

Victor Oboli, Lincoln Medical Center - Weill Cornell Medical College, New York, NY

#198 EMF The Impact of Stress and Distraction on Bag Valve Mask Performance

Grant McDaniel, University of Toledo College of Medicine and Life Sciences, Toledo, Ohio

RF34 DISASTER - PREHOSPITAL, EMS, TRANSFERS | ROOM 110AB

#199 Do Hospitals Get EMS Patient Care Reports?

John Shanley, Corewell Health East - William Beaumont University Hospital, Royal Oak, MI

#200 Access Granted: Investigating the Outcomes of EMS-Placed Peripheral Intravenous Catheters in Out-of-Hospital Care

John Shanley, Corewell Health East - William Beaumont University Hospital, Royal Oak, MI

#201 Difference of Dispatcher-Assisted Cardiopulmonary Resuscitation in Private Homes versus Public Locations among Patients Following Out-of-Hospital Cardiac Arrest

Shuo-Kuen Huang, National Taiwan University Hospital, Hsin-Chu branch, Hsin-Chu City, Taiwan

#202 Feasibility of Transesophageal Echocardiography in Out-of-Hospital Cardiac Arrest: A Single Center Pilot Study

Kristopher Bianconi, Rutgers/RWJBH, Newark, NJ

#203 Longer Emergency Department Length of Stay Prior to Transfer Is Associated With Lower Mortality in Rural Sepsis Patients

Benjamin Wilkinson, University of Iowa, Iowa City, IA

#204 Assessing the Management of Cardiac Arrest Patients in the Interfacility Transfer Setting

Michael Burla, MaineHealth, Biddeford, ME

RF35 CARDIOLOGY | ROOM 106AB

#205 Heart Rates of Patients Presenting to Hospital Triage in Rural Uganda: A Cross-Sectional Analysis

Julianna Fairchild, Medical University of South Carolina, Charleston, South Carolina

#206 High Sensitivity Troponin Is Frequently Elevated After Carbon Monoxide Exposure

Abdullatif Aloumi, Kuwait Poison Control Center, Kuwait City, Kuwait

#207 Evaluation of Electronic Health Record-Integrated Clinical Pathway Implementation of High Sensitivity Troponin Upon Emergency Department Disposition Rates

Mark Iscoe, Yale School of Medicine, New Haven CT

#208 Diagnostic Performance of Cardiac Stress Testing Following Exclusion of Acute Myocardial Infarction With a 0/1-Hour, High-Sensitivity Cardiac Troponin Protocol

Hahem Nassereddine, Henry Ford Hospital, Detroit MI

#209 EMF Uninsured Patients Diagnosed with ST-Elevation Myocardial Infarction Present to Lower Volume and Lower Quality Percutaneous Coronary Intervention Facilities

Sara Lin, Michigan, Ann Arbor, MI

#210 Electronic Health Record-Integrated Clinical Pathway and Transition to High Sensitivity Troponin to Promote Standardization of Attending Physician Chest Pain Care

Mark Iscoe, Yale School of Medicine, New Haven CT

POSTER SESSION 6 | ROOM 108AB

#420 EMF Development of a Spanish Language Version of an Educational Tool for Surrogate Decision Makers of Comatose Survivors of Cardiac Arrest

Sarah Perman, CU, Aurora, CO

#421 Regional Impacts on Digital Health Information Exchange During a Ransomware Attack

Christian Dameff, University of California San Diego

#422 Understanding Reason for Refusal in MIGHTy Heart Study to Reduce Return Rates to the Emergency Department

Rebecca Mantel, Mount Sinai Hospital, New York, New York

#423 Implementation of Standardized Curriculum for Ultrasound-Guided Intravenous Access for Pediatric Residents

Hector Zelaya, NYU Langone Long Island Hospital, Mineola, NY

#424 The Implementation and Evaluation of an E-learning Program for Residents in an Irish Emergency Department

Aileen McCabe, Tallaght University Hospital, Dublin, Ireland

#426 Categorization of Usage Patterns of an Emergency Department Telehealth Follow-up Program During the COVID-19 Pandemic

Brandon Mallory, New York-Presbyterian Hospitals-Columbia & Cornell, New York, NY

#427 All About Rhythm: The Implementation of an Unstable Cardiac Dysrhythmia Simulation Curriculum at a Rwandan Emergency Residency

Advait Kothare, Kent Hospital, Warwick, RI

#428 EMF The Impact of STIGMAs: Stigma Training In Graduate MedEd Addressing Substance Use

Sarah Follman, University of Chicago, Chicago, Illinois

RF36 INFECTIOUS DISEASE | ROOM 105AB

#212 Emergency Department Opt-Out HIV Screening Programs Influence Overall System-wide HIV Screening Increases W Southern Community Health System

Phillip Moschella, USC School of Medicine Greenville, Prisma Health-Upstate

#213 Trichomonas Vaginalis Infection in Male Emergency Department Patients

Ina Kim, Valley Health System, Las Vegas, NV

#214 Effect of an Emergency Department Waiting Room Outreach Intervention on Rates of COVID Vaccination

Nathan Jasperse, Harbor UCLA, Torrance, CA

#215 Reasons for Delay in Primary COVID-19 Vaccine Series in Underserved Emergency Department Patients

Robert Rodriguez, UCSF, San Francisco, CA

#216 Alteration of Informed Consent in the Emergency Department Has a Significant Impact on Ability to Effectively Evaluate Novel Diagnostics for Severe Infection

Abigail Mauermann, Massachusetts General Hospital

11:00 am - 12:00 pm

RF37 INTERNATIONAL | ROOM 104AB

#217 EMF The Impact of Health Insurance on Catastrophic and Impoverishing Health Expenses for Patients Seeking Emergency Care in Kumasi, Ghana

Ogechukwu Offorjebu, Brown University, Providence, Rhode Island

#218 Understanding and Improving the Emergency Department Referral System in the Ashanti Region of Ghana

Erin Kim, University of Michigan, Ann Arbor, MI

#219 Emergency Triage Assessment and Treatment: Post-Covid Implementation of a Pediatric Emergency Care Curriculum in Belize

Joy Mackey, Baylor College of Medicine, Houston, TX

#220 External Validation and Comparison of NIRUDAK Models and WHO Algorithm for Assessing Dehydration in Patients With Acute Diarrhea

Adam Levine, Brown University, Providence, RI

#221 Basic Emergency Care: Post-Covid Implementation Utilizing Regional Teams

Joy Mackey, Baylor College of Medicine, Houston, TX

#222 Comparison of Serious Illness Communication and Self-Reported Practice Patterns of Code Status Conversation Between Japanese and American Clinicians Using a Multicenter Scenario-Based Survey

Kenji Numata, Sei Marianna Ika Daigaku Byouin, Japan

TUESDAY, OCTOBER 10

RF38 ULTRASOUND | ROOM 110AB

#223 Usage and Clinical Impact of Point-of-Care Ultrasound Applications Among Emergency Medicine Residents and Early-Career Residency Graduates
Kevin Boubouleix, Cook County Health

#224 Point-of-Care Ultrasound Quality Assurance Data from Fellow-Performed Scans in a Pediatric Emergency Department: A Descriptive Study
Christina Arand, Children's Hospital of Michigan, Detroit, Michigan

#225 Learning Curve Cumulative Summation in Emergency Medicine Residents Performing Ocular Ultrasound
Meredith Kim, UT Southwestern Medical Center, Dallas, TX

#226 Is Handheld Point-of-Care Ultrasound "Good Enough" in a Busy Academic Emergency Department?
Brandon Wubben, University of Iowa, Iowa City, Iowa

#227 Point-of-Care Ultrasound Use by Advanced Practice Providers in an Urban, Academic Emergency Department
Michael Heffler, Denver Health Medical Center

#228 Pediatric Point-of-Care Ultrasound Training in United States Emergency Medicine Residencies: Is Current Training Adequate?
Caroline Shepherd, The University of Pennsylvania, Philadelphia, PA

RF39 RESUSCITATION AND CRITICAL CARE | ROOM 106AB

#229 A Comparison of Intraosseous Pressure Transfusion Strategies in a High Bone Density In Vivo Swine Model of Hemorrhagic Shock
Matthew Stein, Navy Medicine Readiness & Training Command, San Diego, CA

#230 Abdominal Aortic Aneurysm Rupture and Predictors of Death
Dietrich Jehle, UTMB, Galveston, Texas

#231 The Role of End-Tidal Carbon Dioxide and Cerebral Oxygen Saturation to Predict Return of Spontaneous Circulation Among Patients With Out-Of-Hospital Cardiac Arrest
Takeshi Kawaguchi, St. Marianna University School of Medicine, Kawasaki, Kanagawa, Japan

#232 The effect of increased use of prehospital mechanical cardiopulmonary resuscitation in COVID-19 pandemic on survival outcomes of out-of-hospital cardiac arrest: Nationwide observational study
Soukhi Choi, Seoul National University College of Medicine and Hospital, Seoul, South Korea, Department of Emergency Medicine,

#233 Sex Disparity Between Patients Receiving Lung Protective Ventilation in the Emergency Department
Sarah Gilman, Northwell

RF40 DIAGNOSTICS | ROOM 105AB

#234 Identification of Diagnostic Errors in the Emergency Department Using Data-Driven Strategies
Fernanda Bellolio, Mayo Clinic

#235 Assessment of a Cellular Host Response Test Against Field Standards for Diagnosing Sepsis-3 and Risk Stratifying Subjects in the Emergency Department
Hollis O'Neal, Cytovale Inc., San Francisco, California

#236 Financial Sustainability to Increase Level 5 Billing
Jonathan To, Jacobi Medical Center, Bronx, NY

#237 Effect of an ED-ICU on Emergency Department Billing and Coding
Michael Sherman, UMass Chan Medical School/UMass Memorial Health Care, Worcester, MA

#238 Use of a Rapid Bedside Semi-Quantitative Test to Detect COVID-19 Immunoglobulin Levels in Vaccinated Immunocompetent Adult Patients
Olivia Yoon, University of Maryland School of Medicine, Baltimore, MD 21201

POSTER SESSION 7 | 108AB

#430 EMF Bridging the Gap: Interactive Virtual Training for Ultrasound Image Acquisition Skills Is Not Inferior to In-Person Training
Petra Duran-Gehring, University of Florida College of Medicine-Jacksonville, Jacksonville, FL

#431 COVID-19 and Rates of Psychiatric and Substance-Related Pediatric Emergency Department Visits
Leyla Kerimova, Good Samaritan University Hospital

#432 The Use of a Psychiatric Overflow Unit in a Large Urban Community Hospital to Improve Patient Outcomes
Bahareh Aslani-Amoli, INOVA Fairfax Medical Center, Fairfax, VA, USA

#433 A Cross Sectional Observational Study of Peripheral Nerve Size versus Optic Nerve Sheath Diameter in Patients With Normal Intracranial Pressure
Ellen Shank, University of California Davis, Sacramento, CA

#435 Identification of Suppurative Flexor Tenosynovitis by Emergency Medicine Residents Utilizing Ultrasound
Lena Navarro, Kirk Kerkorian School of Medicine at UNLV, Las Vegas, NV

#437 EMF Emergency Department Weight Management and Exercise Prescription Program for Older Veterans With Knee Pain: A Pilot Feasibility Trial
Lauren Abbate, VA Eastern Colorado Geriatric Research Education and Clinical Center

#438 Involuntary Sedation of Patients in the Emergency Department for Mental Health Crises: A Retrospective Cohort Study
Cassandra Pasadyn, The Ohio State University College of Medicine, Columbus OH

#439 Point-of-Care Ultrasound in Traumatic Cardiac Arrest: Perspectives and Experiences of Emergency Physicians and Trauma Surgeons
Madeleine Sookdeo, University of Cincinnati, Cincinnati Ohio

12:00 - 1:00 pm

RF41 BEST OF RESEARCH FORUM III | ROOM 104AB

#11 Ukraine Trauma Care Response: Phase 1 Summary and Impact
Sean Kivlehan, Brigham and Women's Hospital, Boston MA

#12 Association Between Discharge Prescriptions and Revisits for Low Acuity Back Pain in the Emergency Department
Martin Wegman, Orange Park Medical Center, Orange Park, FL

#13 Development of a Novel Deep Learning Model to Predict Physiologic Deterioration in Emergency Department Patients
Gabriel Wardi, UC San Diego, San Diego, California.

#14 A Process Improvement Project to Increase Post-Emergency Department Discharge Appointment Scheduling at Local Hospital Specialty Clinics Utilizing Our Patient Navigation Program
Brenna Farmer, Weill Cornell Medicine/New York Presbyterian Hospital

#15 Implementation of a Novel Bedside Electroencephalogram-Based Device Aids in Accurately Ruling Out Traumatic Intracranial Hemorrhage and Reduces Computed Tomography Utilization
Jacob Stelter, NorthShore University HealthSystem, Evanston, IL

RF42 QUALITY | ROOM 110AB

#239 How Does a Novel Irrigation Device Compare to Standard Irrigation Techniques
Marcy Rosenberg, Orlando Health, Orlando, FL

#240 Documentation and Compliance With Emergency Department Restraint Best Practices
Samuel Hoffman, Good Samaritan University Hospital, West Islip, NY

#241 Characteristics Associated With Receiving a CT Among Individuals Meeting Criteria for a Non-Contrast Head CT in the Emergency Department
Nathan Hudepohl, Prisma Health, Greenville, SC

#242 Leveraging Big Data in American College of Emergency Physicians Emergency Medicine Data Institute Registry to Find the Rate of Co-testing for HIV When Already Testing for Gonorrhea and Chlamydia
Erena Weathers, The Mount Sinai Hospital / Elmhurst Hospital Center

#243 A Pilot Study to Measure Noise Levels for Mitigation in the Emergency Department
Richard Campbell, Regions Hospital, St. Paul, MN

#244 Using Community TeleParamedicine to Perform In-Home Fall-Risk Reduction after a Sentinel Emergency Department Encounter
Lynn Jiang, NYP Weill Cornell Medical Center, New York, NY

RF43 PSYCHIATRY | ROOM 106AB

#245 Patterns of Chemical Restraint Use for Emergency Department Patients With Acute Mental Health Distress
Suzanne Lippert, Kaiser Permanente Northern California, Oakland, CA

#246 Utility of Emergency Department Diagnostic Testing in Medical Clearance of the Psychiatric Patient
Priya Patel, Loyola University Medical Center, Stritch School of Medicine, Maywood, IL

#247 Acute Healthcare Utilization among Schizophrenia or Related Conditions and Bipolar Disorder Before and After COVID-19
Gary Vilke, University of California San Diego, San Diego, CA

#248 Assessing Emergency Department Clinician Confidence in Identifying Alcohol Use Disorder And Prescribing Medically Assisted Treatment
RoseAnn Weick, Hackensack University Medical Center, Hackensack, NJ

#250 Impact of Housing Status on an EMS-Led Leave-Behind Naloxone Program: A Retrospective Analysis
Donya Enayati, Los Angeles County + USC Medical Center, Los Angeles, CA

RF44 AIRWAY | ROOM 105AB

#251 Comparing the Efficacy of Video-Stylet and Pentax AWS® in Simulated Cadavers With Ludwig's Angina: A Cross-Over Randomized Controlled Trial
Chen Wei Lee, Ditmanson Medical Foundation Chiayi Christian Hospital, Chiayi County, Taiwan

#252 Effect of Real-Time Carbon Dioxide Sensing Stylet-Assisted Endotracheal Intubation: A Case-Crossover Manikin Simulation Study
Yoonjic Kim, Seoul National University Hospital, Seoul, South Korea

#253 AIRWAY-XR: Augmented Instruction to Refine Wayfinding and Yielding Skills in Emergency Medicine Residents for Intubation Using Mixed Reality Technology
Neil Bhavsar, Columbia and Cornell University Hospital

#254 Brazilian Airway Registry COoperation: The First 1,000 Emergency Intubations of the BARCO Study
Ian Ward A. Maia, HCFMUSP, São Paulo, Brazil

#255 Clinical Outcomes Following Uniform Compared to Non-Uniform Dosing of Rapid Sequence Intubation Medications in the Emergency Department.
William Norkett, Hennepin Healthcare, Minneapolis, Minnesota

#256 Emergency Physicians Initiate Proper Lung Protective Ventilation Tidal Volumes Three-quarters of the Time After Emergency Department Rapid Sequence Intubation
Daniel Villegas, Kirk Kerkorian School of Medicine at UNLV

POSTER SESSION 8 | ROOM 108AB

#440 Peer Review and Second Victim Syndrome
Alisha Scherwani, Hackensack University Medical Center, Hackensack, NJ

#441 The Preparedness of Schools to Manage Emergencies and Disasters Affecting Students: A National Survey
Neha Gupta, Penn State College of Medicine, Hershey, PA

#442 Early Administration of Ondansetron in the Pediatric Emergency Department
Lauren Howard, University of Arkansas for Medical Sciences

#443 First Implementation of WHO's Basic Emergency Care Training Course in Ethiopia
Shama Patel, University of Florida - Jacksonville, FL

#444 EMF Metagenomic Analysis of Bacterial Species Detected in Urine from Older Adult Emergency Department Patients With Suspected Urinary Tract Infection
Evan Bradley, UMass Chan Medical School, Worcester MA

#445 Presenting Features of Brain Tumors Diagnosed in emergency Department Patients
Aileen McCabe, Tallaght University Hospital, Tallaght, Dublin 24, Ireland

#446 Screening for Bullying in the Pediatric Emergency Department: Possibilities for Intervention
Muhammad Waseem, Lincoln Medical Center, Bronx New York

#447 The Evaluation of Pediatric Appendiceal Ultrasound Performed at a Community Hospital
Muhammad Waseem, Lincoln Medical Center, Bronx New York

TUESDAY, OCTOBER 10

#448 Accuracy of Pediatric Interventricular Septal Thickness Measurement Obtained via Point-of-Care Ultrasound: A Prospective Study
Ahmed Hasan, NewYork-Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY

2:30 - 3:30 pm

RF45 TELEMEDICINE I ROOM 104AB

#257 Tele-Ophthalmology Has Low Acceptance and Use in the Emergency Department for Non-Traumatic Injuries
Peter Haskins, Mount Sinai Morningside and West Hospitals New York, New York

#258 Emergency Department in Home: A Novel Approach to Delivering Acute Care to Patients in Home
E Berg, Medically Home Group, Boston, MA 02118

#259 Estimating the Rate of Telehealth-Able Emergency Department Visits: A Look at National data
Emily Hayden, Massachusetts General Hospital, Boston, MA

#260 Creating an Open Source Resident/Student Telehealth Collection
Joselyn Miller, University of Connecticut, Farmington, CT

#261 Predictive Modeling: Telehealth Calls Are an Indicator of Emergency Department COVID-19 Surges
Benjamin Slovis, Thomas Jefferson University, Philadelphia PA

#262 Impact of the COVID-19 Pandemic and Research Publications in Emergency Medicine
Syrus Razavi, University of Maryland, Baltimore, MD

RF46 TRAUMA I ROOM 110AB

#263 Trauma Activations from Electric Scooter, E-bike, and Moped Use Before and During the COVID-19 Pandemic
Charles Sanky, Icahn School of Medicine at Mount Sinai, New York, NY

#264 Baseline Measures of Resident and Faculty Confidence Perceptions on Leading Level 1 Traumas Prior to Implementation of a Novel Training Program.
Andrea Weitz, Texas Tech University Health Sciences Center School of Medicine & University Medical Center, Lubbock, Texas

#265 Trauma Education Practices in Emergency Medicine Residencies: A Survey of Program Directors
Colten Lanning, Texas Tech University Health Sciences Center

#266 Micro-Transit Injuries Admitted to an Urban Trauma Center: A Trauma Registry Review
Theodore Gaeta, NYP Brooklyn Methodist Hospital

#267 Identifying Occult Shock in Young Trauma Patients Using Logistic Regression Analysis of the 2020 National Trauma Data Bank
Thomas Poturas, New York Presbyterian Brooklyn Methodist Hospital

#268 Epidemiology of Urban Micro-Transit Injuries
Theodore Gaeta, NYP Brooklyn Methodist Hospital, Brooklyn, NY

RF47 PAIN MANAGEMENT I ROOM 106AB

#269 Inhaled Glucocorticoids for Acute Pharyngitis: A Randomized Clinical Trial
Al-Yaqdhan Al-Atbi, Royal Oman Police Hospital, Muscat, Muscat (Oman)

#270 Appropriate Emergency Severity Index Assignment and Timely Pain Management for Emergency Department Patients With Vaso-occlusive Crisis
Friederike Froke, Mayo Clinic, Rochester, MN

#271 Acupuncture Treatment in the Emergency Department Reduces Pain and Revisits
Emily Zhao, Cook County Health, Chicago, Illinois

#272 Evaluation of an Emergency Department-based Over-The-Counter Analgesic Medication Starter Pack Initiative and Subsequent 30-Day Revisits
Sophia Sheikh, University of Florida College of Medicine - Jacksonville, Jacksonville, FL

#273 Opioid Prescribing to Medicare Beneficiaries by American Board of Emergency Medicine-Certified Physicians and Other Physicians Practicing Emergency Medicine
Jonah Geddes, ABEM - American Board of Emergency Medicine, East Lansing, Michigan

#274 Patient Utilization and Feedback after a Novel Pain Coach Educator and Integrative Pain Management Toolkit Session in an Urban Academic Emergency Department
Phyllis Hendry, University of Florida College of Medicine - Jacksonville, FL

RF48 EDUCATION - PAIN MANAGEMENT, QUALITY, SAFETY I ROOM 105AB

#275 Factors Associated With Conversion to Procedural Sedation after Intra-articular Lidocaine Administration for Emergency Department Anterior Shoulder Dislocation Reduction
Donald Wright, Yale University School of Medicine, New Haven, CT

#276 Inhaled Nitrous Oxide for Shoulder Dislocation Reduction in the Emergency Department: A Retrospective Case Series
Stephen Hochman, St. Joseph's University Medical Center, Paterson, NJ

#277 Reducing the Number of Physical Assaults on Emergency Medicine Residents by Agitated Patients Through Implementation of a BETA Guideline-Based Initiatives
Luke Beyer, Parkland Memorial Hospital

#278 Pain Control Guidance Reduces Opioid Disparities But Not Prescriber Flexibility
Carmen Lee, Highland Hospital, Oakland, CA

#279 A Quality Improvement Project Is Associated With Increased Prescribing of Laxatives With Opioid Analgesics to Patients Discharged from the Emergency Department
Brent Lorenzen, Southern California Permanente Medical Group, San Diego, California

#280 Medicine Meets Engineering: Development of Discrete Naloxone Nasal Spray Devices to Increase Access
Phillip Moschella, USC School of Medicine Greenville, Prisma Health-Upstate, SC

3:30 - 4:30 pm

RF49 SOCIAL DETERMINANTS AND DIVERSITY I ROOM 104AB

#281 Human Trafficking: Screening and Linkage to Care
Christa Pulvino, University of Cincinnati, Cincinnati, OH

#282 Waiting for Rock Bottom: Health Care Engagement Before and After Initiation of Medication-Assisted Treatment for Alcohol Use Disorder
Emily Johnson, University of Southern California

#283 A Pilot Study to Examine Resilience and Returns to the Emergency Department
Bjorn Westgard, Regions Hospital, HealthPartners, University of Minnesota - Minneapolis/St. Paul, MN

#284 Nationwide Capabilities Assessment of Emergency Department Care of Patients With Opioid Use Disorder: 2022 to 2023
Kathryn Hawk, Yale University

#285 Trauma Evaluation and Outcomes of Incarcerated and Non-Incarcerated Patients
Michelle Suh, Baylor College of Medicine, Houston, Texas

#286 Race and Ethnic Differences in Anxiety-Related Emergency Department Visit Trends
Melodie Samtadomingo, University of California San Diego, San Diego, CA

RF50 COVID - PEDIATRICS I ROOM 110AB

#287 Epidemiology of Well-Appearing Febrile Infants (<60 Days) Presenting to an Emergency Department During the COVID-19 Pandemic
Courtney McCrory, Pennsylvania State University College of Medicine, Hershey, PA

#288 In-Situ Simulation Needs Assessment to Identify Areas of Opportunity in Pediatric Cardiac Arrest Management
Theresa Timm, Washington University in St. Louis, St. Louis, MO

#289 Utilization of Sexual Assault Forensic Examiners in Emergency Department Child Maltreatment Evaluations
Kirsten Morrissey, Albany Medical Center, Albany NY

#290 Predictors of Return of Spontaneous Circulation in Pediatric Out-of-Hospital Cardiac Arrest: A Single Prehospital Network Review
Mark Hanna, Rutgers/RWJBH

#291 Improving Emergency Department Postintubation Sedation in Pediatric Patients: A Quality Improvement Initiative
Emily Wynia, Washington University in St. Louis School of Medicine

#292 Expanding HIV Screening in a Pediatric Emergency Department on Chicago's South Side
Rachel Danzig, University of Chicago, Chicago IL

RF51 ULTRASOUND I ROOM 106AB

#293 EMF Interrater Agreement After Online Dissemination of Novel Lung Ultrasound Findings: Implications for Future Pandemics
Christian Gerhart, Washington University, St. Louis, MO

#294 How Thick Is Too Thick? Diagnostic Utility of the Anterior Pleural Line Thickness on Point-of-Care Ultrasound in Identifying Patients With Pneumonia
Chris Smilios, North Shore University Hospital

#295 Artificial Intelligence Model to Identify Pleural Line Abnormalities in Lung Ultrasound
Nikolai Schnitke, Oregon Health Science & University

#296 Increased Number of B-Lines after 500cc Fluid Bolus Associated With Worse Outcomes
Arora Jin, North Shore University Hospital

#297 Right Ventricular Assessment by Emergency Department Clinicians
Vidhi Rao, North Shore University Hospital

#298 Proficiency-Based Simulation Training: Will This Work for Resuscitative Transesophageal Echocardiography
Wendy Huang, Washington University in St. Louis School of Medicine, St. Louis, MO

RF52 TOXICOLOGY I ROOM 105AB

#299 Patient Factors that Influence Utilization of Emergency Department-Based Programs to Combat Opioid Use Disorder
Sophia Matts, The MetroHealth System, Case Western Reserve University School of Medicine, Cleveland Ohio

#300 Prevalence of Fentanyl Co-Ingestion Among Emergency Department Patients With Opioid And Non-Opioid Drug Overdoses
Dana Sacco, Columbia University Irving Medical Center, New York, NY

#301 Buprenorphine Induction in Emergency Department Patients Following Reversal of Nonfatal Opioid Overdose With Naloxone
Paul Moore, University of Chicago, Chicago IL

#302 Incidence of Buprenorphine-Precipitated Withdrawal in Emergency Department Patients With Opioid Use Disorder in Philadelphia
Austin Kilaru, Perelman School of Medicine at the University of Pennsylvania, Philadelphia PA

#303 Suboxone for Opioid Use Disorder: Reduction in Mortality and Increased Remission
Dietrich Jehle, UTMB, Galveston, Texas

#304 Randomized Controlled Trial of ANEB-001 as an Antidote for Acute Cannabinoid Intoxication in Healthy Adults
Andrew Monte, Rocky Mountain Poison & Drug Safety

WEDNESDAY, OCTOBER 11

10:00 - 11:00 am

RF53 TRAUMA | ROOM 104AB

#305 The Association Between Frailty and Hospital Stays Among Geriatric Trauma Patients: A Retrospective Cohort Analysis

Oluwaseun Adeyemi, New York University Grossman School of Medicine, New York, NY, USA

#306 Traumatic Injuries in Sexual Assault Patients Included in the 2020 National Trauma Data Base

Merit Milad, New York Presbyterian Brooklyn Methodist Hospital

#307 Identification of Patients With Low-Risk Traumatic Brain Injury Initially Treated at a Rural Emergency Department

Rahul Nene, University of California San Diego

#308 Barriers to Early Adoption of Novel Program to Train and Evaluate Resident Performance as Trauma Team Leaders

Frank Frankovsky, Texas Tech University Health Sciences Center, Lubbock, TX

#309 Search and Rescue: Techniques for Ear Foreign Body Removal in the Emergency Department

Sydney Hudock, Michigan State University College of Human Medicine, Grand Rapids, MI

#310 National Utilization of Focused Assessment With Sonography for Trauma Compared to Computed Tomography from 2019 – 2021

Stefany Stempien, NYP Brooklyn Methodist Brooklyn NY

RF54 INFORMATICS AND TELEHEALTH | ROOM 110AB

#311 A Machine Learning Approach to Predicting Boarding and Admission Surges Using Triage Information

Michael Makutonin, George Washington University, Washington, DC

#312 When AI Meets the ED: Realizing the Benefits of Large Language Models in Emergency Medicine

Nick Ashenburg, Stanford University, Palo Alto, CA

#313 Leveraging Decision Trees to Forecast Ambulance Traffic in Emergency Departments

Egbe-Etu Etu., San Jose State University, San Jose, California

#314 Machine Learning Model to Predict Emergency Department Length of Stay

Daria Hunter, Mayo Clinic, Rochester, MN

#315 Ethical Consequences of Disagreements Between Clinicians and Artificial Intelligence Recommendations: A Scoping Review

Aiba Matin, Mayo Clinic, Rochester, Minnesota

#316 Artificial Intelligence to Predict Billing Code Levels of Emergency Department Encounters

Jacob Morey, Mayo Clinic, Rochester, MN

RF55 VENOUS THROMBOEMBOLISM | ROOM 106AB

#317 Outcomes in High-Risk Pulmonary Embolism Patients Presenting in Advanced Shock: Insights from the FLAME Study

Sameer Khandhar, Penn Presbyterian Medical Center, Perelman School of Medicine at the University of Pennsylvania

#318 Implementation and Evaluation of a Single Center, Multi-Component Intervention to Avoid Hospitalization of Patients With Low-Risk Acute Pulmonary Embolism

Connor O'Hare, University of Michigan, Ann Arbor, MI

#319 Performance of the Khorana Score in the Prediction of Pulmonary Embolism in Emergency Department Patients With Cancer

Christopher Coyne, University of California San Diego, San Diego, California

#320 Effects of the COVID-19 Pandemic on Incidence of Thrombotic Events in Patients Presenting to the Emergency Department

Karl Bischoff, Rutgers Health/Community Medical Center

#321 Sonography for Pulmonary Embolism in the Emergency Department

Caitlin Blackwell, Prisma Health, Greenville South Carolina

#129 A Novel Teaching Intervention Improves Comfort With Delivering Serious News in Emergency Medicine Trainees

Carrie Harvey, University of Michigan, Ann Arbor, MI

RF56 CARDIO | ROOM 105AB

#322 Effect of Danegaptide on Gap Junction Preservation at the Blood-Brain Barrier after Sudden Cardiac Arrest

Alice Dalo, The MetroHealth System, Case Western Reserve University School of Medicine, Cleveland OH

#323 Increased Burden of Cardiovascular Disease Risk Factors Associated With Short Term Emergency Department Bounceback Admission Related to Sepsis

Alice Chen, University of California, San Diego, San Diego, CA

#324 Comparison of Outcomes After Treatment of Asymptomatic Hypertension in the Emergency Department in Admitted Patients

Sarah Galla, Corewell Health, Royal Oak, MI

#325 A Convolutional Neural Network for the EKG Detection of Wolff-Parkinson-White Syndrome

Arthur Smith, Kent State University, Kent, Ohio

#326 Tracheal Intubation Prior to Arrival or Cardiac Arrest in the Emergency Department Is Associated With Lower Odds of Return of Spontaneous Circulation: A Video Review Registry Study

Sara Rodriguez, North Shore University Hospital, Manhasset New York

#327 Does Guideline Implementation Affect Sex and Race/Ethnicity Differences in Objective Cardiac Testing for Patients Evaluated for Acute Coronary Syndrome in the Emergency Department?

Evangella Murray, Denver Health Medical Center, Denver, Colorado

11:00 am - 12:00 pm

RF57 ADMINISTRATION | ROOM 104AB

#328 Modified Early Warning Score as a Triage Tool for Streamlined Admission

Kristina Rozova, Lehigh Valley Hospital and Health Network/USF Morsani College of Medicine

#329 Trends and Analysis of Medicare Reimbursement of Emergency Department Coding Levels

Gityth Mahdi, Mayo Clinic, Scottsdale, Arizona

#330 A Quality Improvement Initiative to Improve Influenza Vaccinations in the Emergency Department During a Triple-demic

Puja Singh, Mount Sinai Morningside-West, New York, NY

#331 Implementation of Integrated Electronic Health Record Access for Out-of-Hospital Clinicians

Michael Hall, University of Massachusetts Chan Medical School, Worcester MA

#332 Geriatric Population Triage: The Risk of Real-Life Over- and Under-Triage in a Crowded Emergency Department. 4- and 5-level Triage Systems Compared: The CREONTE (Crowding and R E Organization National TriagE) Study

Gabriele Savioli, IRCCS Policlinico San Matteo, Pavia, Italy

#333 Artificial Intelligence to Predict Emergency Department Workups from Nurse Triage Notes and Registration Data

Jacob Morey, Mayo Clinic, Rochester, MN

RF58 ULTRASOUND | ROOM 110AB

#334 Novel Application of Artificial Intelligence in Ultrasound of Solid Organ Adjacent Morison's Pouch by Object Segmentation

Po Lin, Kaohsiung Veterans General Hospital, Kaohsiung City, Taiwan

#335 Comparison of the Frequency of Transvaginal Ultrasound Utilization Between Radiology and Point-of-Care Ultrasound in First Trimester Pregnancy

Kevin Livingstone, University of Virginia Health System

#336 Trends in Point-of-Care Ultrasound Image Acquisition and Interpretation Within a Regional Hospital System

Kevin DiMeo, University Hospitals Cleveland Medical Center

#337 Can the Presence of Gestational Sac Alone on Emergency Physician-Performed Point-of-Care Ultrasound Safely Exclude Ectopic Pregnancy?

Amanda Bates, Mount Sinai

#338 Impact of Point-of-Care Ultrasound on Time to Operating Room for Patients With Ruptured Abdominal Aortic Aneurysms

Laura Throckmorton, Prisma Health Upstate, Greenville, South Carolina

#339 Are Measurements of the Abdominal Aorta Affected by the Type of Ultrasound Gel Used?

Michael Baranowski, University of Maryland School of Medicine, Baltimore, MD

RF59 EDUCATION | ROOM 106AB

#340 Feel the Burn, While You Learn: The Impact of Exercise on Podcast Knowledge Acquisition and Retention

Michael Gottlieb, Rush University Medical Center, Chicago, IL

#341 Breaking Bad News: How Doctors Communicate Life-Threatening Diagnoses on Television

Amanda Croft, Michigan State University College of Human Medicine, Grand Rapids, MI

#342 Incorporating Point-of-Care Ultrasonography to Enhance Anatomy Learning for the First Year Medical Student

Katrina Jones, University of Louisville School of Medicine, Louisville KY

#343 Assessing the Educational Value of YouTube and TikTok Videos on Home Suture Removal

Lauren Sellers, MSU College of Human Medicine, Grand Rapids, MI

#344 Successful Implementation of Structured Flipped Classroom through Case-Based Learning and Board Review Questions

Jason West, NYC Health + Hospitals | Lincoln, Bronx, NY

#345 Comparing Scenario-Based Simulation Education to Escape Room Simulation Education With Emergency Medicine Residents

Aubrey Bethel, Banner University Medical Center - Tucson

RF60 NEUROLOGY | ROOM 105AB

#346 Stroke Risk After Emergency Department Treatment of Elevated Blood Pressure in Transient Ischemic Attack

Alexandra Biel, Oakland University William Beaumont School of Medicine, Rochester, MI

#347 Effect of an Artificial Intelligence Tool on Stroke Metrics in Endovascular Thrombectomy Patients

Murtaza Akhter, Penn State Hershey

#348 Effect of Prior Antithrombotic Medication Use on Patients Receiving Emergent Comprehensive Stroke Treatment

Salil Phadnis, Florida Atlantic University, Boynton Beach FL

WEDNESDAY, OCTOBER 11

#349 Effect of an Artificial Intelligence Tool on Length Of Stay and Mortality in Endovascular Thrombectomy Patients
Murtaza Akhter, Penn State Hershey

#350 Accuracy of Published Screening Tools for Large Vessel Occlusion in Patients With Suspected Acute Ischemic Stroke: A Prospective Cohort Study
Francis Desmeules, l'Université Laval, Québec, Canada

#351 Inaccurate Use of HINTS Exam by Emergency Physicians in Patients With Dizziness
Murtaza Akhter, Penn State Hershey

12:00 - 1:00 pm

RF61 HEALTH POLICY | ROOM 104AB

#352 Evaluating ACEP Clinical Policy Awareness and Trustworthiness Among Emergency Medicine Residents and Attendings Using the National Guideline Clearinghouse Extent of Adherence to Trustworthy Standards Instrument
Ian Ferguson, Washington University School of Medicine, St. Louis, MO

#353 Medication Adherence Among Patients Who Initiated Naltrexone for Treatment of Alcohol Use Disorder in the Emergency Department
Ethan Forsgren, Olive View-UCLA Medical Center, Sylmar, CA

#354 Administration of Potassium Binders in the Emergency Department Reduces Return Visits
Zubaid Rafique, Baylor College of Medicine, Houston, TX

#356 Five-Level Triage vs Four-Level Triage in a Quaternary Emergency department: National Analysis on Waiting Time, Validity, and Crowding. The CREONTE (Crowding and RE-Organization Na-tional Triage) Study Group
Gabriele Savioli, IRCCS Humanitas Rozzano, Italy

#357 The Effects of Patterns of Polysubstance Use on Frequent Emergency Department Utilization and One-Year Mortality
Mirinda Gormley, Prisma Health Upstate, Greenville, South Carolina

RF62 RESUSCITATION | ROOM 110AB

#358 Time and Day of Cardiac Arrest Presentation to the Emergency Department Associations With Time to Critical Interventions and Outcomes: A Video Review Study
Ann McLaughlin, North Shore University Hospital, Manhasset, NY

#359 Manual versus Mechanical cardiopulmonary Resuscitation Complications After Successful Resuscitation for Out-of-Hospital Cardiac Arrest
Connie Chen, Oakland University William Beaumont School of Medicine, Rochester MI

#360 Positioned for Success: A Novel Exploration of Changes to Chest Compressions during Cardiopulmonary Resuscitation and Associated Patient Outcomes
Alaina Berruti, Northwell, Donald and Barbara Zucker School of Medicine at Hofstra

#361 Assessing Targeted Temperature Management for Cardiac Arrest Patients in the Interfacility Transfer Setting
Michael Burla, MaineHealth, Biddeford, ME

#362 Role of Real-Time Visual Feedback Device on Cardiopulmonary Resuscitation Training Among School Children: A Randomized Controlled Trial
Anit Sahu, AllMS New Delhi, INDIA

#363 External Validation of the Relationship Between Lactate Level and In-Hospital Cardiac Arrest in the Emergency Department
Yi-kai Fu, Far Eastern Memorial Hospital, New Taipei, Taiwan

RF63 GERIATRICS | ROOM 106AB

#364 Older Adults' Knowledge of Code Status and Perceived Outcomes After Cardiopulmonary Resuscitation
Elizabeth Albert, Maine Medical Center, Portland, ME

#365 Trends in Hospice and Palliative Medicine Consults Initiated in the Emergency Department: A Seven-Year Utilization Analysis
Abe Al-Hage, Henry Ford Wyandotte Hospital, Wyandotte, MI

#366 Patient Preferences for Social Interventions to Reduce Social Isolation in Older Adults Discharged from the Emergency Department
David Zheng, Schulich School of Medicine and Dentistry, London Ontario, Canada

#367 Metric Impact of Embedded Emergency Department Palliative Care Provider in Patients With Unmet Palliative Care Needs
Andrea Sharp, Mayo Clinic, Jacksonville, FL

#368 Comprehensive Geriatric Assessments in the Emergency Department Impact Inpatient Length of Stay
Vaishol Tolia, University of California San Diego, San Diego, CA

#369 Geriatric Emergency Department Guidelines 2.0: Systematic Review on the Comparative Safety of Sedating Medications Used in the Treatment of Older Adults With Acute Agitation
Martin Casey, University of North Carolina, Chapel Hill NC

RF64 MEDLEY | ROOM 105AB

#191 Accessibility of Emergency Physicians to the Medicare Population
Giyth Mahdi, Mayo Clinic Arizona

#211 Gender Differences in Empiric Treatment in US Emergency Departments for Chlamydia and Gonorrhea: A Systematic Review and Meta-analysis
Rahil Patel, Northeast Ohio Medical University, Rootstown, Ohio

#384 A Cluster Randomized Controlled Trial of Interventions to Increase Influenza Vaccine Uptake Among Underserved Emergency Department Patients
Robert Rodriguez, UCSF School of Medicine, San Francisco, CA

#409 Saving Extended Focused Assessment with Sonography in Trauma (eFAST) Exams During Pediatric Traumas
Giovanna Baye – NYU Langone Health, NY, NY

#429 Interprofessional In Situ Simulation to Optimize Cardiac Arrest Management in an Emergency Department Observation Unit
Michael Losak, Stanford University

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