None of our efforts would be possible without the assistance and guidance of Mary Mulrow, RN. We also are in extreme gratitude to Sara Taylor, Vonnie Fuentes, Nancy Lowman and Peter Salveson, MD.

Of course all the residents, attending, nursing and ancillary staff that have dedicated themselves in these collaborative efforts. As a department we are proud to be involved with the following:

As a department we are proud to be involved with the following:

National Institute of Health Grants (NIH): We have recently received funding for a 5th NIH grant Award for the U01-Suicide Prevention Study Emergency Department Safety Assessment and Follow-up Evaluation (ED-SAFE) Role: Site PI Frank LoVecchio, DO /Mary Mulrow, RN.

2007-2012 Title: Strategies using Off Patent antibiotics for Methicillin Resistant S. aureus (“STOP MRSA”) – A multi-center, Phase III, randomized, double-blind clinical trial: Contract #: HHSN272200700032C Role: Site PI: Frank LoVecchio, DO /Mary Mulrow, RN/ Funding Amount: Total $ 8.9 Million Funding Agency: National Institutes of Health (NIH) /National Institute of Allergy and Infectious Diseases (NIAID)/ Division of Microbiology and Infectious Diseases (DMID). Please note only the abscess arm remains open all other arms are completed. Completed Enrollment. Writing process ongoing.

Broncholitis NIH (Further information pending) 2007-11 Role: Site PI Frank LoVecchio, DO /Mary Mulrow, RN/ Funding Amount: ~ 16,000 per year Funding Agency: National Institutes of Health (NIH)

Sepsis Progress: (Further information pending) 2007-13 Role: Site PI Frank LoVecchio, DO /Mary Mulrow, RN/ Funding Amount: ~ 22,000 per year Funding Agency: National Institutes of Health (NIH). Please call research if Lactate is over 4 or BP less than 90. Please assist in enrolling in the Kidney Injury aspect of this study

MARC 33: Multi-Center pilot Study for Emergency Department Interventions for Tobacco Cessation Role: Site PI Frank LoVecchio, DO /Mary Mulrow, RN/ Funding Amount: ~ 3000 per year Funding Agency: National Institutes of Health (NIH)
Emergency Department Safety Assessment and Follow-up Evaluation (ED-SAFE)
Funding Source: National Institute of Mental Health Total ~ 10 Million over 5 years

Purpose: (1) To develop and test a standardized approach to screening emergency department (ED) patients for suicide risk using a tool suitable for systematic use in general medical EDs; (2) To refine and test an ED-initiated intervention to reduce suicidal behavior and associated morbidity and mortality among people who self-identify or screen positive for suicidal ideation; and, (3) To complete a comparative economic analysis of treatment as usual, screening, and the intervention.

Site PI: Frank Lovecchio/Mary Mulrow/Herbert Bushman

MIHS Partnership with Arizona Department of Health Services (ADHS) and the CDC to Provide HIV Testing in the ED at MMC

ADHS identified MIHS Maricopa Medical Center as the first hospital to begin planning and collaboration activities for HIV testing in their Emergency Room (ER) funded by the CDC. MIHS will receive $1M over a 5-year period effective October 1, 2010. Thank you Dr. Geren and others who have made this a success

We are so proud of publication as a lead article in the NEJM:

A Randomized Trial of Protocol-Based Care for Early Septic Shock.
The ProCESS Investigators.

Currently Enrolling Studies: Please call research/look at boards posted in ED/ ask Lovecchio/ Ask Staff

D-Dimer: Patients with CP or DVT can undergo a potentially rapid test
Flu: Swabs and questionnaire for pts with risk factors, all done by research staff
CSF: save a small tube in lab

Black Widow: help bring a new Antivenin to market
Pyelo: fever? Let Ed Staff know, questionnaire to follow

ProGReSS AKI: septic? Let staff know we are following for long term kidney issues
IV ibuprofen for pain relief
Medical marijuana in trauma patients, please complete form
Prenatal care and use of ED

**Kara Geren, MD**

2/2014-current  Associate Program Director
Emergency Medicine Residency Program
Maricopa Medical Center


**Paul Blackburn, DO**

5 Minute Consult: Both are submitted, accepted, in publication now Monoarticular arthritis Ludwig Angina

**Stephan Stapczynski, MD**

08/2011-Present Appointed Executive Chair, Department of Emergency Medicine, University of Arizona College of Medicine - Phoenix

Editor, Tintinalli's Emergency Medicine A Comprehensive Study Guide

**Ken Jackimczyk, MD**

PROFESSIONAL POSITIONS: Senior Oral Board Examiner
American Board of Emergency Medicine, Reviewer
Western Journal of Emergency Medicine
Academic Emergency Medicine
Annals of Emergency Medicine
Chair, Education Committee
American College of Emergency Physicians

Invited Lectures
Uncommon Presentation of Common Illnesses
Chest Pain: Making Sense of History and Diagnostic Tests
Update on Low Back Pain
Trauma: A Visual Odyssey
14th Annual Winter Conference on Emergency Medicine
Symposia Medicus
Nassau, Bahamas
November, 2013

Uncommon Presentation of Common Illnesses
High Risk Orthopedics: Pearls and Pitfalls
Update on the Evaluation and Management of Low Back Pain
Trauma: A Visual Odyssey
University of California Davis
34th Annual Winter Emergency Medicine Conference
Mammoth Mountain, California
March, 2014

Daniel E. Brooks, MD


Invited Lectures

BENTLEY BOBROW

– Productivity, April 2013-March 2014
Invited Lectures
Seamless Community Based Approach to Increasing OHCA Survival  04/2013
Keynote Address, The Society for Emergency Medicine in Singapore
Annual Scientific Meeting (SEMS ASM)
Singapore

Developing an Action Agenda for Improving OHCA Survival 04/2013
Through Telephone CPR
Pan-Asian Resuscitation Outcomes Dispatch CPR Academy
Singapore

Strengthening the Chain of Survival: the Arizona Experience 04/2013
EMS Asia 2013
Singapore

Keynote Address: Engineering a National Trauma Care System; 06/2013
Trauma System Leadership; Trauma Registries: Lessons Learned;
Prehospital Management of Traumatic Brain Injury
Pan-Pacific Trauma Congress
Busan, South Korea

Implementation of a Cardiac Resuscitation System of Care 07/2013
West Midlands Ambulance Service Meeting
Birmingham, England

Developing an Action Agenda for Improving OHCA Survival 10/2013
through Telephone CPR
EMS Dispatcher Course
The 7th Asian Conference on Emergency Medicine (ACEM 2013)
Tokyo, Japan

National Trauma Registries 10/2013
Pan Asian Trauma Outcomes Study
Tokyo, Japan

Prehospital Research 10/2013
Kyoto University Research Meeting
Kyoto, Japan

High Quality CPR and Maximizing Survival for Cardiac Arrest 10/2013
Osaka Resuscitation Academy
Osaka Fire Department
Osaka, Japan

Peer reviewed Publications
Meaney PA, Bobrow BJ, Mancini ME, Christenson J, de Caen AR, Bhanji F, Abella BS,
Kleinman ME, Edelson DP, Berg RA, Aufderheide TP, Menon V, Leary M.
Cardiopulmonary resuscitation quality: improving cardiac resuscitation outcomes both


4. “Rationale, Methodology, and Implementation of a Dispatcher-Assisted Cardiopulmonary Resuscitation Trial in the Asia-Pacific (Pan-Asian Resuscitation Outcomes Study (PAROS) Phase 2)” Corresponding Author: Marcus Ong; Co-Authors: Sang Do Shin, MD, PhD; Hideharu Tanaka, MD; Matthew Huei-Ming Ma, MD, PhD; Tatsuya Nishiuchi, MD; Eui Jung Lee, MD; Patrick Chow-In Ko, MD; Doctor Nausheen Edwin, MBBS; Paipoj Khruekanrachana, MD; Ghulam Yasin Naroo, MBBS; Kwanhathai Darin Wong, MBChB, MMED; Takashi Nakagawa, MD; Hyun Wook Ryoo, MD; Chih-Hao Lin, MD; E Shaun Goh, MBBS; Nalinas Khunkhlai, MD; Ahmed Al Sakaf Omer, MD; Nik Hisamuddin, MBChB, MMED; Bentley J Bobrow, MD, FACEP, FAAEM; Bryan McNally, MD, MPH; Pryseley Nkouibert Assam, PhD; Edwin SY Chan, PhD. Resuscitation. In press.


7. Age Has A Differential Influence On Survival In Out-of-hospital Cardiac Arrest (OHCA) For Men and Women - Results From The OPALS Study; Academic Emergency Medicine. In press.

Oral Abstract Presentations


Brain Injury (in press).

Poster Presentations


Bobrow B, Karamooz M, Silver A, Heagerty N, Dunham A, Nunez M, McDonald R, Kassel D, Spaite D. The accuracy of prehospital provider oxygen saturation and end-

Grants
NIH/NINDS
Impact of Implementing the EMS Traumatic Brain Injury Treatment Guidelines. To test the hypothesis that statewide implementation of the nationally-vetted, evidence-based TBI guidelines in the 911 EMS system will significantly reduce mortality and improve non-mortality outcomes in adults and mature children (age ≥18) with severe TBI.
Role: Co- principal Investigator

NIH/NHLBI Abella (PI) 08/2011 – 08/2015
Implementation of cardiopulmonary resuscitation training for at-risk families, R18 (Research Dissemination and Implementation Grant), NHLBI, 4 years
Role: Consultant

PA-07-070: 3R01GRANT10914658 Spaite/Bobrow (Co-PIs)
NIH/NINDS
Impact of Implementing the EMS Traumatic Brain Injury Treatment Guidelines in Children: The EPIC4Kids Study.
Aim: To test the hypothesis that statewide implementation of the nationally-vetted, evidence-based TBI guidelines in the 911 EMS system will significantly reduce mortality and improve non-mortality outcomes in children (age < 18) with severe TBI.

Medtronic Foundation Bobrow/Ewy/Spaite (PIs) 10/2010-9/2015
HeartRescue Grant. This grant funds the implementation and analysis of implementation of broad, widespread changes in the prehospital and in-hospital critical care of out-of-hospital cardiac arrest (OHCA) as a statewide effort in Arizona. This includes the integration of OHCA care across nearly 100 EMS agencies and over 30 hospitals.
Role: Co-principal Investigator
Peer-Reviewer
--AHA Resuscitation Science Symposium Abstract Reviewer
--Resuscitation Journal Manuscript Reviewer

ERIC DANIEL KATZ, M.D.

Honors and Awards:
2014 Parker J Palmer “Courage to Teach” Award, Accreditation Committee for Graduate Medical Education (ACGME).
2014-current Vice Chief of Medical Staff, Maricopa Integrated Health System (MIHS)

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2013- current President, Council of Residency Directors in Emergency Medicine (CORD)

Grants:

2014  Maricopa Health Foundation ($6000): Bridge to Care Pre-Visit Program. Proof of concept funding

Publications/Created Activity:

a.  Peer reviewed manuscripts


b.  Textbook chapters


c.  Accepted for Publication


Scholarly Presentations:


CORD Navigating the Academic Waters (invited), “YOU are the Future of CORD.” (with Dr. Michael Epter) Denver, CO, March, 2013.


SAEM Scientific Assembly (invited), “Generating Faculty Academic Productivity at Community Residency Sites.” Atlanta, GA. May, 2013.


**Frank LoVecchio, DO, MPH**

Awards:
September 2013 Physician Health Care Hero Award, Phoenix Business Journal 2013: Winner Volunteerism in Phoenix Physician

11/13 Volunteerism and Banner Community Service and Paul L. Singer Award
Banner Health System Phoenix, Arizona

Publications:
A Randomized Trial of Protocol-Based Care for Early Septic Shock.

Protocolized Care for Early Septic Shock (ProCESS) statistical analysis plan.


NIH grants: see above, Page 1

Invited Lectures: March 2013
Symposia Medicus - Beaver Creek Emergency Medicine Update
First Topic Title: The Latest in the Management of Asthma & Chronic Obstructive Pulmonary Disease in the ED
Second Topic Title: Small Doses That Kill
Third Topic Title: Case Studies in Pneumonia

Overdoses in Children, Bites and stings
5th Annual Conference on Emergencies in Pediatrics
Hilton New York Hotel & Towers ~ New York City, New York
December 20-21, 2013

Drug Interactions
17th Annual Conference on Emergencies in Primary Care
Hilton New York Hotel & Towers ~ New York City, New York
December 20-21, 2013

International Editor:
Turkish Journal of Emergency Medicine 2003-present

Associate Editor:
Critical Decisions in Emergency Medicine, published by American College of Emergency Physicians, 2008-present

Editorial Board:
Emergency Medicine Practice 2012-present
Journal of the American Osteopathic Association 2006-present
Turkish Journal of Emergency Medicine 2003-present
Critical Decisions in Emergency Medicine 2010-present

Peer Reviewer:
Academic Emergency Medicine
American Journal of Emergency Medicine
Annals of Emergency Medicine
Emergency Medicine Reports
Journal of Medical Toxicology
Journal of Clinical Toxicology

Book Reviewer:
Annals of Emergency Medicine

**Brad Butler, MD**


**Teresa Wu, MD**


RECENT LECTURES AND CONFERENCES

Tips & Tricks in EM: What the Textbooks Don’t Teach You


Critical Care and Emergency Medicine Ultrasound Course

Phoenix, Arizona. February 19th, 2014

Phoenix, Arizona. February 20th, 2014

Simulation Based Training Course: Advances in Medical, Pediatric, and Trauma

Critical Care Bootcamp: Essentials for the Practice of Emergency Medicine


Wilderness Medicine Ultrasound Course

Emergency Medicine Immersive Ultrasound Courses

Maricopa Medical Center, Department of Emergency Medicine, Course Director. Phoenix, Arizona. January, 2014.


SCHOLARLY ACTIVITIES

Guest Editor, Critical Care Clinics. 2013-2014.


Reviewer, Western Journal of Emergency Medicine

Reviewer, Journal of Emergency Medicine

Founder & Faculty Advisor, SAMTIG (Simulation and Advanced Medical Technologies Interest Group) University of Arizona, College of Medicine-Phoenix. 2013-Currently.

University of Arizona, College of Medicine-Phoenix, Scholarly Project Advisor. 2013-Currently.

American College of Emergency Physicians (ACEP), Simulation Committee, 2010-Currently.

American College of Emergency Physicians (ACEP), Education Committee. 2010-Currently.

Council of Emergency Medicine Residency Directors (CORD) Teaching Case/Simulation Task Force, 2010-Currently.

American College of Emergency Physicians (ACEP), Simulation Task Force. 2010-Currently.