



SUNY UPSTATE MEDICAL EMMED RESEARCH

FALL 2017

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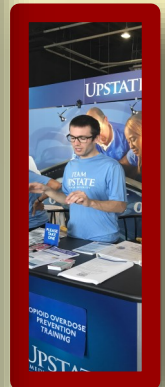
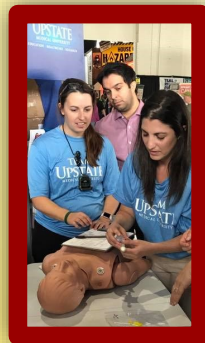


Educational Initiative of Naloxone Administration



By Christine Podolak, MS

This past summer marked another successful research endeavor for William Eggleston, PharmD, DABAT at the Great New York State Fair. Dr. Eggleston set out to educate the general public on proper administration of naloxone, which is the reversal medication utilized for opioid overdose. Each community member who was willing to participate in this initiative was randomized to an administration method of naloxone including an atomizer, intra-muscular injection, or nasal spray with no prior training. With close monitoring by the research team, the community member had up to 7 minutes to successfully administer the mimicked naloxone medication to a mannequin. Proper administration of naloxone utilizing that particular method was taught to the individual after their attempt. Dr. Eggleston stated "As members of the community gain more access to naloxone, we thought it was important to figure out which type of device people are comfortable and capable of using in an emergency." Over 200 people at the fair supported this endeavor, which will help public health providers and educators to better tailor public health educational initiatives regarding opioid overdose and rescue medication to NYS residents. Thank you to all research team members who helped to make this research a success!



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EMMED Research Studies



Educational Research



Patient Centered Care

PI: Vincent Calleo, MD

Department of Emergency Medicine is incorporating a new patient centered care curriculum as part of the emergency medicine clerkship rotation

ED Research

Acute Urticaria

PI: Jay Brenner, MD

A Phase III, multi-center, double blind, randomized, active controlled clinical trial to evaluate the Non-Inferiority comparing Cetirizine Injection 10 mg to Diphenhydramine Injection, 50 mg, for the treatment of acute urticaria

NEW: Opioid Emergency Department Survey

PI: Jay Brenner, MD

Collaboration with Nathan Kline Institute to assess the social and demographic profile of individuals who use heroin and non-medically prescribed opioids among an emergency services population; and assess the sociodemographic and opioid use behaviors/experiences associated with perceptions of overdose risk and naloxone awareness/acquisition/use.

Laceration Repair

PI: David Sadowitz, MD;
Ben Prince, MD

Prospective observational study comparing intranasal Versed to intranasal Precedex as anxiolytics preceding laceration repair in the Pediatric Emergency Department

HBOT Research

WoundVision

PI: Marvin Heyboer, MD

Sponsored device trial that is a feasibility study comparing Transcutaneous Oximetry Measurement (TCOM) with Long Wave Infrared Thermography (LWIT) in patients with lower extremity wounds to evaluate accuracy in predicting healing and measuring potential for hyperbaric oxygen treatment (HBOT) effectiveness in patients undergoing TCOM

HBOT and Effect on Radiation Induced Long Term Side Effects

PI: Marvin Heyboer, MD

Prospective, non-randomized simple observational study to evaluate the effect of HBOT on radiation induced xerostomia in patients who have received high dose radiotherapy for head and neck cancer

Effect of HBOT on Glucose Levels in Non-Diabetics

PI: Marvin Heyboer, MD

Prospective study evaluating the affects of HBOT on blood glucose levels of non-diabetic patients

BLUE COAT BLURB

By: Lauren Pacelli, EDRA Program Coordinator

HAPPY FALL YA'LL!! It's the most wonderful time of the year contrary to what all you Christmas fans who are reading this say. You've got apples, pumpkins, beautiful colored leaves, chili, football (**GO EAGLES!**), what's not to love?? Strangely enough, football was actually my inspiration for this installment of our newsletter. I try not to get overly emotional about hype the media stirs up about certain events, but some things trigger me to at least step back and reflect on my day to day activities. The most recent controversy regarding the NFL and the flag made me think about the EDRA Program. When we train a new EDRA we talk about the dress code, which includes the infamous BLUE COAT. The blue coat may not be the most fashionable piece of apparel, but it does stand (pun intended) for something. It represents the research assistant's role within the Emergency Department. It signifies that they have specific responsibilities while they are wearing it. When athletes put on their uniform it gets them ready to do their job, so very similarly when our research assistants put on the blue coat it means the same (the only difference being they don't get paid bookoo bucks like those athletes!). That job can't get done without the help from all of our wonderful Emergency Department nurses, residents, nurse practitioners, physician's assistants, and attendings. It's all a team effort and I'm thankful they have the experience to work with all of you! So feel free to put them to work :)

I'm very excited to announce that we are collaborating with Quadrant Biosciences Inc. on a prospective cohort study of the ClearEdge assessment system and saliva biomarkers in concussion injuries. Our RA's are responsible for identifying potential concussed individuals, surveying them, and conducting a cheek swab. It's a really great addition to our study list, as well as just an all-around neat experience for our RA's to take part in. If there's a possibility you have an eligible patient for this particular study, or any of the other studies we have going on, don't forget you can reach them on **Vocera** by calling "**Emergency Research.**"

OUR NEW RA's THIS FALL ARE:

Brooke Lynn Waldon (SU)
Benjamin Capella (Allegheny '17)
Kirsten Donato (SUNY Upstate)
Jacqueline Lindine (SUNY Upstate)
Dadgrain Taylor (SUNY Upstate)

WELCOME TO THE TEAM

Announcements

Reminders:

**1st Year Residency
Completion Milestones
Due December 31, 2017**

- ⇒ **Development of Research Question**
- ⇒ **Literature Review**
- ⇒ **Identify MD Faculty Mentor**

**2nd Year Residency
Completion Milestones
Due December 31, 2017**

- ⇒ **Data collection**

Upcoming Fellowship Seminar

Series Dates:

Oct 18; Nov 8; Dec 13; Jan 10; Jan 24

IRB Meetings & Deadlines

Meeting Date: Nov 13, 2017
(New project deadline: Oct 10, 2017)

Meeting Date: December 11, 2017
(New project deadline: Nov 7, 2017)

Meeting Date: January 8, 2018
(New project deadline: Dec 5, 2017)

Meeting Date: February 12, 2018
(New project deadline: January 9, 2018)

**~Please contact the research team if you
need assistance with your IRB submission~**

Upcoming Scientific Meetings &

Deadlines

NAEMSP: January 8-13, 2018
(Abstract deadline: August 7, 2017)
ACGME: March 1-4, 2018
(Abstract deadline: Mid November 2017)
ACMT: April 6-8, 2018
(Abstract deadline: November 15, 2017)
AAEM: April 7-11, 2018
(Abstract deadline: November 27, 2017)
ACP: April 19-21, 2018
(Abstract deadline: November 29, 2017)
CORD: April 22-25, 2018
(Abstract deadline: December 1, 2017)
SAEM: May 15-18, 2018
(Abstract deadline: January 2, 2018)
EAPCCT: May 22-25, 2018
(Abstract deadline: October 9, 2017)