

Mission: To advance public health through diverse projects in emergency care, particularly multicenter clinical research.

2016 SAEM Annual Meeting

We invite you to attend the presentations of EMNet abstracts at the SAEM Annual Meeting in New Orleans (5/10-5/13).

- **Scott Weiner, MD, MPH** will deliver a plenary session presentation of results from our recent six-state survey of New England EDs. In 2014, most New England EDs had opioid management policies for accessing Prescription Drug Monitoring Programs and for referring patients with opioid abuse to recovery resources, but implementation was variable across states. [SG, Raja AS, Bittner JC, Hasegawa K, Espinola JA, Camargo CA Jr. Opioid management policies in New England emergency departments, 2014. **Wed, 10:00am**]
- **Emmy Betz, MD, MPH** will present results from the Emergency Department Safety Assessment and Follow-up Evaluation (ED-SAFE) study. The study found that universal suicide risk screening in the ED was feasible and led to a nearly two-fold increase in risk detection. [Betz ME, Miller M, Barber C, Beaty B, Miller I, Camargo CA Jr, Boudreaux ED. Assessment of lethal means access among suicidal emergency department patients. **Fri, 10:00am**]

Congratulations to **Kohei Hasegawa, MD, MPH** for being named as a recipient of SAEM's Young Investigators Award. Dr. Hasegawa's areas of work include bronchiolitis and the microbiome, and resuscitation. He is the founder of the Japanese Emergency Medicine Network. He will receive his award on Wednesday (5/11) at 9:15 a.m. in the Napoleon Ballroom, 3rd floor.

Study Updates

MARC-35: Severe Bronchiolitis Cohort

MARC-35 is a NIH U01- and R01-funded, 17-center prospective cohort study that continues to follow >900 children to understand risk factors for the development of recurrent wheeze and asthma in infants who were previously hospitalized with bronchiolitis. The age 3-year in-person exams are now under way in hospitals across the U.S. Since the study began in 2011, we have completed >4,000 telephone follow-up interviews; all 24-month follow-up interviews have been completed. The telephone follow-up response rate remains 84%. Through additional NIH grants, Jonathan Mansbach (Boston Children's Hospital) and Kohei Hasegawa (Massachusetts General Hospital) continue to examine the association between bronchiolitis and the risk of recurrent wheeze by examining persistent RSV and rhinovirus, and to examine whether airway cytokines or specific genetic factors in infants with rhinovirus bronchiolitis predict the risk of developing asthma later in childhood.

MARC-38: Emergency Department Management of Patients with Food or Insect Sting Allergies

MARC-38 is a Mylan-funded, 20-center chart review study that investigates the characteristics, ED management, and post-ED care of 2,000 children and adults who presented to the ED with acute allergic reaction. The main objectives of the study are to: 1) To describe children and adults who present to the ED with a food- or insect sting-related acute allergic reaction (including anaphylaxis); 2) To quantify the proportions of patients who receive epinephrine before or during the ED visit, and an epinephrine autoinjector at ED discharge; 3) To evaluate the reasons for non-use of

epinephrine before or during the ED visit, and non-provision of an epinephrine autoinjector at ED discharge; and 4) To describe post-ED care for patients who present to the ED with acute allergic reaction, including referral to an allergist/immunologist and documented allergy testing. For more information, please contact Krislyn Boggs, MPH (kboggs@partners.org).

MARC-39: ED Patients with Acute Asthma Who Ran out of Their Short-Acting β -Agonist Inhaler

Data collection is underway for MARC-39, a Teva-funded, multicenter, prospective study of adult ED patients with acute asthma. The 3 Boston EDs (Beth Israel Deaconess Medical Center, Brigham and Women's Hospital, and Massachusetts General Hospital) will enroll a total of 400 participants to characterize adult ED patients with asthma exacerbation (e.g., demographics, severity, and inhaler ran-out status). We also will create a biorepository for future research on the role of genetics, airway cytokines, and IgE in acute asthma. For more information, please contact Dr. Kohei Hasegawa (khasegawa@partners.org).

MARC-42: Comparative Effectiveness Research on Hospital Readmissions for COPD

MARC-42 is an AHRQ R01-funded study of COPD readmissions. The study will: 1) examine national trends in 30-day readmission rates after COPD hospitalization during 2006-2012, 2) develop and validate risk-adjustment models for 30-day all-cause COPD readmission, with models based on administrative claims alone (Medicare), survey-enhanced claims (MCBS), and clinically-enriched claims (NHANES-Medicare), and 3) compare the effectiveness of initiation of guideline-recommended interventions in reducing all-cause and COPD-related rehospitalizations at 30 days and 1 year. For more information, please contact Kamal Faridi, MPH (mfaridi@partners.org).

National ED Inventories (NEDI)

National ED Survey

EMNet has teamed up with the R Baby Foundation to perform a national survey to better understand the nature of U.S. emergency departments (EDs).

Briefly, we are contacting all U.S. hospitals to obtain basic information about their EDs, including aspects of pediatric emergency care. The results from this national survey will be used to upgrade the EMNet findER app, which is available for free for both iPhone and Android phones. The future app enhancement will provide users with the option to add information about the adult/pediatric trauma center designation, annual number of ED visits, and the availability of a separate pediatric ED and pediatric coordinator. The upgrade will cost 99 cents and all revenue will go directly to the maintenance and further development of NEDI-USA, including the free version of EMNet findER.

EMNet findER Smartphone Application

The discontinued Android version of the app was re-launched and is available for free. A data update will be released later this month for both the iPhone and Android app. For more information, please see: www.emnet-usa.org/Community/finder.htm. To download the app, visit the relevant app store and search for "EMNet findER."

For more info on any of the projects above, please contact Ashley Sullivan (afsullivan@partners.org), EMNet Associate Director.

For a complete list of past and current EMNet studies, please visit the Studies page on the EMNet website (<http://emnet-usa.org/studies/studies.htm>). If you are interested in sharing an idea for a new study, we encourage you to contact us by email (emnet@partners.org) to set up at time to talk.

EMNet Publications

To date, EMNet has published **511** papers (see figure on next page). After excluding published abstracts and the large group authorship papers (e.g., committee work), the named authors of EMNet peer-reviewed manuscripts now include **667** investigators from **167** sites! Please visit www.emnet-usa.org for a complete list of EMNet publications and a list of the journals in which our manuscripts are most frequently published.

