



EMNet Newsletter

Emergency Medicine Network (EMNet)

www.emnet-usa.org

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Fall 2011

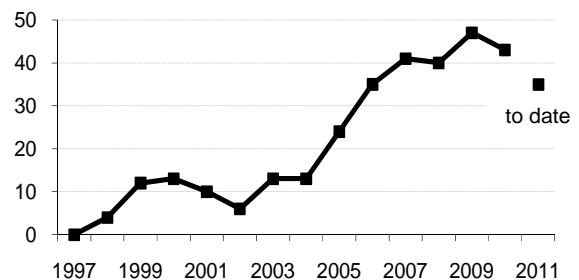
Mission: To advance public health through diverse projects in emergency care, particularly multicenter clinical research.

2011 ACEP Scientific Assembly October 15-18, 2011

- Dr. Carlos Camargo will moderate a breakfast session titled “Practitioner’s Edge – Emergency Management of Anaphylaxis: Treating the Reaction and Beyond.” The faculty panelists are Drs. Barry Brenner and Paul Greenberger. For more information, please visit:
www.practitionersedge.com/emergencymed
[Sunday, 6:00 am; Imperial Ballroom, Hilton SF Union Square]
- Drs. Angela Gardner and Carlos Camargo will discuss workforce issues in emergency medicine, and their implications for the future, in a session titled “The EM Workforce: Will You Have a Job in the Future? How Can We Make it Work?” For more information, please check MO-230 at:
<http://webapps.acep.org/sa/pages/CourseCatalog.aspx> [Monday, 3:00 pm]

EMNet Publications

To date, the publication total has risen to 336 peer-reviewed manuscripts (see figure in next column). Even after excluding abstracts, EMNet has worked with over 400 investigators from 127 sites. This tally nicely summarizes the many opportunities and benefits that are available to EMNet investigators. Please visit www.emnet-usa.org for more details and a complete list of EMNet publications.



Study Updates

MARC-30: Severe Bronchiolitis

This NIH-funded project ended in August. Sixteen sites enrolled 2,207 subjects and data analysis continues. In August, EMNet staff surveyed the sites to gain a better understanding of the availability of follow-up data. These data will be used to inform a potential R01 grant on long-term bronchiolitis outcomes. For more information, please contact the EMNet Associate Director, Ashley Sullivan (afsullivan@partners.org).

MARC-35: Severe Bronchiolitis Cohort

We recently received NIH funding for a 10-site study that will enroll 1,000 children hospitalized for severe bronchiolitis and follow them until age 6. Subject enrollment will begin in November 2011. The study will test several risk factors for future onset of recurrent wheezing and asthma, and create the “Wheezing Index” (WIND) to help clinicians with this challenge. For more information, please contact the Project Coordinator, Tate Forgey (tforgey@partners.org).

ED- SAFE

ED-SAFE is a NIH-funded, 8-center study of suicide screening and prevention under the leadership of PI Ed Boudreaux (University of Massachusetts). Sites have been enrolling since August 2010. To date, >85,000 ED charts have been screened for evidence of self harm documentation, and 470 subjects have been enrolled into a quasi-experimental design. All sites will finish phase 1 (Treatment as Usual) by January 2012. Preparation for phase 2, which involves implementation of universal suicide screening in each ED, is underway.

For more information, please contact the EMNet Associate Director, Ashley Sullivan (afsullivan@partners.org).

Healthcare Associated Infections (HAI)

Under the leadership of PI Jay Schuur (Brigham and Women's Hospital), EMNet staff launched a survey of approximately 420 U.S. EDs about their infection control practices. This survey represents the first phase of a 3 year AHRQ-funded study. To date, all three rounds of the survey have been mailed out to ED directors and infection preventionists. Follow-up calls to non-respondent sites began in late August and the survey closing date is October 2011. For more information please contact the Project Coordinator, Sara Mills (smills3@partners.org).

National Emergency Department Inventories (NEDI)

finder Smartphone Application

Version 2.0 was released in the spring 2011 for all three platforms (iPhone, Android, and Blackberry) and incorporates the 2009 NEDI-USA data. All platforms are in the process of being updated to Version 2.1 (data update) and will be available in October 2011. finder has been downloaded by several thousand users.

For more information, visit (<http://www.emnet-usa.org/Community/finder.htm>).

NEDI State

Five states (AR, HI, MN, VT, and WY) completed the 2011 state-wide survey of EDs. Combined with last year's NEDI-State surveys (conducted in CO, GA, MA, and OR) we now have data from nine states. All state coordinators achieved >80% response rates, and the primary manuscript on ED categorization is in preparation. We hope to submit the manuscript later this fall and then begin several secondary analyses on bedside ultrasound and other topics.

NEDI International

The NEDI-international methods paper was published in July (Steptoe et al., *Int J Emerg Med* 2011). This paper was the culmination of several years of work and provides the foundation for several forthcoming manuscripts on EDs in Abuja (Nigeria), Beijing (China), Singapore, Denmark, and Slovenia. The Abjua paper will be published shortly (Wen et al, *Emerg Med J* 2011).

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

MARC-28: Anaphylaxis Study

Additional chart reviews are being conducted at four sites (Massachusetts General Hospital, Brigham and Women's Hospital, Children's Hospital Boston, and Hasbro Children's Hospital in Providence) to determine the impact of obesity on the effectiveness of epinephrine treatment of anaphylaxis. This work builds on the original MARC-28 project. For more information, please contact the EMNet Associate Director, Ashley Sullivan (afsullivan@partners.org).

Frequency of ED Visits for Food Allergy

This database study combines data from several EMNet anaphylaxis projects with large federal datasets to better characterize ED visits for food allergy/anaphylaxis. The study is funded by the Food Allergy Initiative. For more

information, please contact Dr. Sunday Clark (sunday.clark@gmail.com).

ED Observation Units

Under the leadership of PI Jay Schuur (Brigham & Women's Hospital), investigators are looking at the role of observation units for chest pain in Georgia and, more generally, in Massachusetts. For more information, please contact Dr. Schuur (jschuur@partners.org).

- Patricio De Hoyos, a visiting researcher from Monterrey, Mexico joined the ECC in September. Patricio will focus his efforts on the MARC-35 cohort study for the next year.

EMNet Sites

The network has 206 sites, including 171 US and 35 international EDs (see map).



For a complete list of past and current studies, please visit the studies page on our website (<http://emnet-usa.org/studies/studies.htm>). If you are not already a member of our network, but would be interested in joining a current study or sharing an idea for a new study, please contact us by email (emnet@partners.org).

In The News

Dr. Daniel Pallin was featured in [Reuters](#) and [HealthLeaders Media](#) for his study, "Increasing adoption of computerized provider order entry, and persistent regional disparities, in US emergency departments." He found that rural emergency departments lag in switching to computerized provider order entry. The article was published in *Annals of Emergency Medicine*.

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EMNet Coordinating Center (ECC) Staff Update

- The ECC welcomed three new year-long fellows in June. Sara Mills and Natalie Mazur, both graduates of Harvard University, and Dinah Chen, a graduate of Princeton University.

If you are interested in joining EMNet, please go to www.emnet-usa.org and complete an *investigator form* -- or send us an email and we will help you get started.