The Health Resources and Services Administration
Emergency Medical Services for Children (EMSC) Program,
in collaboration with
the National Association of EMS Educators (NAEMSE), a CAPCE approved provider and
Texas Children’s Hospital, an approved provider of continuing nursing education

Present the Webinar

Blazing Trails in Prehospital Care through Targeted Issues Grants:
- The Center for Rural Emergency Services and Trauma (CREST) Network for EMS Providers
- Pediatric Evidence-Based Guidelines Assessment of EMS System Utilization in States (PEGASUS)

Tuesday, January 31, 2017 – 1:00 to 2:30 pm (Eastern)

In a changing healthcare environment, emergency medical service (EMS) providers are exploring new and promising models of care delivery, embracing evidence-based practices, and firmly establishing their roles as professional healthcare providers. The EMSC Program is helping to lead the way in innovation, model systems development, evidence-based practice, and research. In 2013, the EMSC Program funded six Targeted Issue grants focusing solely on pediatric prehospital research. This represents one of its largest investments in prehospital-focused research, totaling $5.4 million over three years.

This webinar will feature two of these Targeted Issues projects from the 2013 grant cycle. The first project, Innovating and Improving Prehospital Pediatric Care in Rural New Hampshire and Vermont: The Center for Rural Emergency Services and Trauma (CREST) Network for EMS Providers, studied knowledge and competency of EMS providers in rural settings through the implementation of a rural EMS training network.

The second project, Pediatric Evidence-Based Guidelines Assessment of EMS System Utilization in States (PEGASUS), improved the evidence-base for pediatric prehospital care utilizing the National Prehospital Evidence-Based Guideline (EBG) Model Process. A multidisciplinary project team developed pediatric-relevant EBGs for airway management, allergic reactions, spinal care and shock after a thorough review of the medical literature, including an evaluation using the Grades of Recommendation, Assessment, Development, and Evaluation (GRADE) approach. In addition to these four guidelines, the PEGASUS project implemented five previously created guidelines on asthma, bronchiolitis, croup, seizures, and pain management in the City of Houston Fire Department EMS system as well as the EMS protocols of several states in New England.
Target Audience: This webinar is appropriate for medical directors, EMS providers, ED physicians and nurses, community health planners, hospital administrators, clinical managers, state EMSC Program managers, family members, as well as others interested in improving pediatric emergency care.

Objectives: As a result of having participated in this webinar, attendees will be able to:

- Identify challenges of instituting an EMS educational network for rural agencies and strategies to overcome those challenges.
- Understand the process of establishing an educational curriculum utilizing multiple educational modalities, including high fidelity simulation, to focus on out of hospital pediatric care.
- Understand how to select stakeholders to ensure successful development of evidence-based prehospital guidelines.
- Identify issues to consider when implementing multiple protocol changes in an EMS system.
- Name several factors necessary to study outcomes related to prehospital protocol implementation.

Moderator:
Diane Pilkey, RN, MPH, Senior Nursing Consultant, Health Resources and Services Administration, EMSC Program

Presented By:
Tom Trimarco, MD -- Assistant Professor of Medicine, Geisel School of Medicine; Attending Physician, Dartmouth Hitchcock Medical Center; Principal Investigator and Program Director: Innovating and Improving Prehospital Pediatric Care in Rural New Hampshire and Vermont: The Center for Rural Emergency Services and Trauma (CREST) Network for Emergency Medical Services (EMS); EMS Medical Director, Dartmouth Hitchcock Medical Center; Associate Medical Director, Dartmouth Hitchcock Advanced Response Team, Lebanon, NH; Member, NH EMS Medical Control Board, Concord NH; Vermont EMS District 9 Medical Advisor

Manish Shah, MD, MS -- Associate Professor in Pediatrics, Baylor College of Medicine; Attending Physician, Texas Children’s Hospital; Principal Investigator and Program Director: Pediatric Evidence-Based Guidelines: Assessment of EMS System Utilization in States (PEGASUS); Executive Lead, Pre-Hospital Domain Lead and State Partnership Domain Co-Lead, EMSC Innovation and Improvement Center; Principal Investigator and Program Director: Emergency Medical Services for Children (EMSC) State Partnership Grant for Texas; Site Principal Investigator: Charlotte, Houston, and Milwaukee Prehospital (CHaMP) Research Node; Pediatric Emergency Physician member of the National EMS Advisory Council (NEMSAC)

To register for this event, please visit:
https://hrsaseminar.adobeconnect.com/targetissuesgrants/event/registration.html
Registrants will receive an automated email message with information on how to test their Internet browser, as well as the event’s URL, call in number, and access code.

Registration Requirements: This course is being provided using Adobe Connect and is compatible with multiple software systems and Internet browsers. Please note: Adobe Connect now requires users to install Adobe Flash Player 13.0 or higher. We recommend that you install the latest version prior to joining the meeting. Download the latest Flash Player.
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**CE Evaluation and Certificate:** A certificate of continuing education (CE) will be available for attendance at the live presentation only. To obtain a CE certificate you must:

1. attend the activity in its entirety,
2. document your attendance electronically on the sign-in record in Adobe Connect, and
3. submit a completed evaluation form.
4. The electronic evaluation must be completed within one week (February 6, 2017) of the education activity after which the CE certificate will be emailed directly to you. You should receive your certificate within one hour of completing the evaluation form.

**Accreditation:**
Continuing Education credits have been requested through approved CAPCE and ANCC accredited providers.

The National Association of EMS Educators (NAEMSE) is approved provider of prehospital continuing education credits by the Commission on Accreditation for Pre-Hospital Continuing Education (CAPCE).

Texas Children’s Hospital is an approved provider of continuing nursing education by the Texas Nurses Association - Approver, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.