The Future of Emergency Care Series: Advancing Pediatric Emergency Care

Pediatric EMS

Family Centered Care

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Pediatric EMS
(Prehospital Care)
EMS System Recommendations

- Lead agency
- Categorization/Regionalization
- EMTALA/HIPAA
- Accountability
- Demonstration program
Lead Agency

• ...Congress establish a lead agency ...
  • 2 years
  • Housed in HHS
  • Responsibility for the full continuum of EMS, ...adults and children ...

• Working group
  • Make recommendations
  • Develop and monitor the transition
  • Diverse representation
Categorization/Regionalization

• ...NHTSA, in partnership with professional organizations, convene a panel of individuals with multidisciplinary expertise to develop an evidence-based categorization system for EMS, EDs, and trauma centers based on adult and pediatric service capabilities.
Implementation

- Present in some states
- EMSC performance measure 66c
  - statewide, …or regional standardized system that recognizes hospitals that are able to stabilize and/or manage pediatric medical emergencies and trauma.
- Evidence based?
EMTALA/HIPAA

• The Department of Health and Human Services should adopt rule changes to the EMTALA and the HIPAA so that the original goals of the laws are preserved but integrated systems may further develop.
Accountability

- HHS convene a panel of individuals with emergency and trauma care expertise to develop evidence-based indicators of emergency care system performance, including performance of pediatric emergency care.
Demonstration Program

• ...Congress establish a demonstration program, administered by HRSA to promote regionalized, coordinated, and accountable emergency care systems throughout the country, and appropriate $88 million over 5 years to this program
Pediatric Emergency Care Recommendations

- EMSC Program Funding
- Improving Patient safety
- Need for Research
- Disaster management
The committee recommends that Congress appropriate $37.5 million each year for the next 5 years to the EMS-C program.
Implementation

• Lobby congress!
Patient Safety

• ....EMS systems implement evidence-based approaches to reduce errors in emergency and trauma care for children.

• HHS and NHTSA fund the development of medication dosage guidelines, ....EMS agencies …should implement these guidelines, formulations, and techniques.
Research

• …Trauma registries, include standard pediatric-specific data elements
• ..HHS conduct a study to examine the gaps and opportunities in emergency care research, including pediatric emergency care…
• Specific areas
  • Medications
  • Technology
Disaster Preparedness

• …Federal agencies in partnership with state and regional planning bodies ...develop strategies for addressing pediatric needs in the event of a disaster
  • Parent child separation
  • Pediatric expertise on (DMATs)
  • Pediatric surge capacity
  • Improved access …for children in the event of a disaster.
  • Drills to include pediatric MCI
Pediatric EMS Specific Recommendations

- Training and skills maintenance
- Model protocols
- Pediatric coordinator
Training and Skills Maintenance

• ...every pediatric and emergency care related health professional credentialing and certification body define pediatric emergency care competencies and require practitioners to receive the level of initial and continuing education necessary to achieve and maintain those competencies.
Implementation

- NHTSA curriculum
- Education agenda
- NCSEMSTC EMSC PFC project
- EMSC performance measure 67
  - The adoption of requirements by the State/Territory for pediatric emergency education for the recertification of paramedics.
- Use of simulation models
Pediatric Coordinator

• ...EMS agencies appoint a pediatric emergency coordinator...to provide pediatric leadership for the organization.
Implementation

• “Preferably EMT-P” within agency
• Performance measure 68 b, c
  • Pediatric representation on the State EMS Board….funded full time …EMSC Coordinator that is dedicated solely to the EMSC Program.
Model Protocols

• ...NHTSA, in partnership with professional organizations, convene a panel of individuals with multidisciplinary expertise to develop evidence-based model prehospital care protocols for the treatment, triage, and transport of patients, including children.
Implementation

- 18 month timeline
- NAEMSP Model Pediatric EMS Protocols
- EMSC performance measure 66a
  - The percentage of pre-hospital provider agencies in the State/Territory that have on-line and off-line pediatric medical direction...
Family Centered Care

• The committee recommends that EMS agencies and hospitals integrate family-centered care into emergency care practice.
FCC: Implementation

- Obstacles
  - “Mental”
    - Attitudes, fears
  - “Physical”
    - Resources
FCC: Education

- Resources
  - NAEMT: Guidelines and CD-ROM
    - NAEMT.org/ ems-c.org
  - ENA: Handbook
    - ENA.org
  - APS: Consensus Conference
    - Peds Emerg Care 2005
  - EMSC/IFCC: Assessment tool
  - Am. Hosp Assoc./IFCC
    - familycenteredcare.org/