

# Ambulance Transport Safety Summit

## Bridging the gap between what we do and what is known

EMS Subcommittee of the TRB Ambulance Transport Safety Summit

October 29<sup>th</sup>, 2009



## Session 4: Information Sharing and Policy

### Session 4:

- **Knowledge Transfer and Dissemination**  
Government and Non- Government Platforms Challenges
- Standards/Specifications and Policy



## Standards/Specifications and Policy



## Existing Standards/Specifications

- GSA KKK Specification
- NTEA AMD
- ASTM
- ANSI



## 2009 Position Paper Equipment for Ambulances

### PREHOSPITAL EMERGENCY CARE 2009;13:364-369

- AMERICAN COLLEGE OF SURGEONS
- COMMITTEE ON TRAUMA
- AMERICAN COLLEGE OF EMERGENCY PHYSICIANS
- NATIONAL ASSOCIATION OF EMS PHYSICIANS
- PEDIATRIC EQUIPMENT GUIDELINES
- COMMITTEE—EMERGENCY
- MEDICAL SERVICES FOR CHILDREN (EMSC) PARTNERSHIP FOR CHILDREN
- STAKEHOLDER GROUP
- AMERICAN ACADEMY OF PEDIATRICS



### POSITION PAPERS

#### EQUIPMENT FOR AMBULANCES

AMERICAN COLLEGE OF SURGEONS COMMITTEE ON TRAUMA  
AMERICAN COLLEGE OF EMERGENCY PHYSICIANS  
NATIONAL ASSOCIATION OF EMS PHYSICIANS  
PEDIATRIC EQUIPMENT GUIDELINES COMMITTEE—EMERGENCY  
MEDICAL SERVICES FOR CHILDREN (EMSC) PARTNERSHIP FOR CHILDREN STAKEHOLDER GROUP

AMERICAN ACADEMY OF PEDIATRICS  
Committee on Trauma  
Society of American College of Surgeons (ACS) Trauma  
Committee on Trauma  
National Association of EMS Physicians  
Pediatric Equipment Guidelines Committee—Emergency  
Medical Services for Children (EMSC) Partnership for Children  
Stakeholder Group

equipment rental fees and advanced emergency medical personnel. Current business of medicine (EMC) manufacturers encourage such EMS agencies to have a complete inventory to specifically address the capability of the service to care for non-ambulatory patients.

These standard definitions are age based. Use based on research from developmental research outside the weight of children and gender age appropriate use, such as size, weight, and gender for both sexes.

**Principles of Pediatric Care**  
The goal of pediatric care is to maximize the chance of survival and minimize the physical and emotional trauma of the child. The child's physical and emotional state is a primary concern. The child's physical state is a primary concern. The child's physical state is a primary concern. The child's physical state is a primary concern.

approximately 100,000 and advanced emergency medical personnel. Current business of medicine (EMC) manufacturers encourage such EMS agencies to have a complete inventory to specifically address the capability of the service to care for non-ambulatory patients.

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## 2009 Position Paper Equipment for Ambulances

PREHOSPITAL EMERGENCY CARE 2009;13:364–369

- Equipment and Supplies
  - Required Equipment
    - BLS Ambulances
    - ALS Ambulances
  - Optional Equipment: BLS, ALS
  - Optional Medications: BLS, ALS
  - Interfacility Transport



## New Standards Update

- Fleet Standards
  - ISO 39001 - International
- Vehicle Standards
  - NFPA
  - SAE



## ISO 39001 - Principles of RTS management systems

- a) Focus on loss of life and health
- b) Holistic view
- c) Focus on results
- d) Leadership
- e) Process approach
- f) Continual improvement
- g) Best available information
- h) Transparent and inclusive process
- i) Tailored implementation
- j) Systematic and structured
- k) Part of decision making



## NFPA Ambulance Standards meeting – July 2009



## Society for Automotive Engineers (SAE)

- SAE are the primary vehicle safety standards development organization – [www.sae.org](http://www.sae.org)
- Vehicle Safety Systems Group
- Truck Crashworthiness
- Formal presentations of Ambulance Safety and standards issues over past 12 months



## International Ambulance Vehicle Design Safety and Occupant Protection Standards

In existence since 1999

- Australia – ASA
- Europe - CEN



## Questions??

- Please raise your hand
- or type in the message box
- or send your questions via this link
  - <http://www.emssafetyfoundation.org/TRB2009SummitQuestions.htm>

