

Goal of the Summit

“Enhancing ambulance transport safety through shared knowledge of technical data”



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 29th, 2009



Outline to cover

- Emergency Response System Integration
- Alternates to Transport System

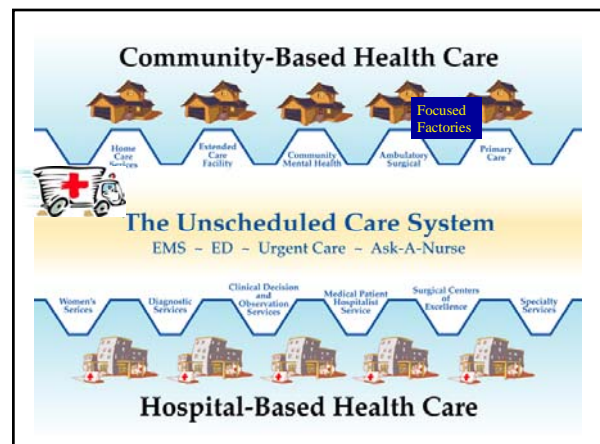


The service that allows sick patients to go home or stay home!



What we know

- There are more people to move
- We need to move less people
- Technology is the bridge



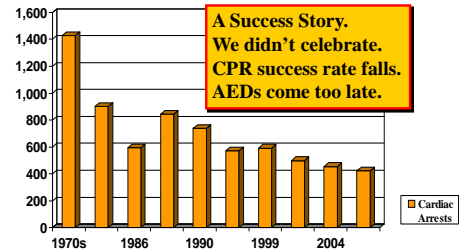
More Users, More Needs



- Send the Unfocused to the emergency system
- Complicated, multisystem disease patients
- More needing transport assistance
- Example: Changing nature of ACS patients

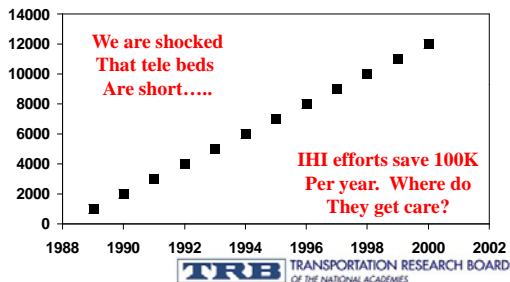
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Montgomery County Cardiac Arrests



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Adding 1000 people per year back to the population



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Adding 1000 People a Year

- WE SHOULD CONGRATULATE OURSELVES!!
- Cardiovascular at risk population, who must use the ED
- No surprise they present with Chest Pain, Dyspnea, TIAs,....
- Overall, ED population is older, sicker, and more medical

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ED Visits 1992-2006

	1992	2006
All ED Visits per 1000 population	357	405
Age 45-64	258	343
Age 65-74	314	485
Age over 75	558	602

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What ES Does 1992-2006

	1992	2006
CPR	291,000	166,000
Intubate	408,000	299,000
DOA	878,000	249,000

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What ES Does 1992-2006

	1992	2006
Wound Care	11.5 m	11.9 m
Orthopedic Care	7.1 m	7.1 m
ENT Care	2.5 m	4.4 m
Self Inflicted Wounds	160,000	594,000

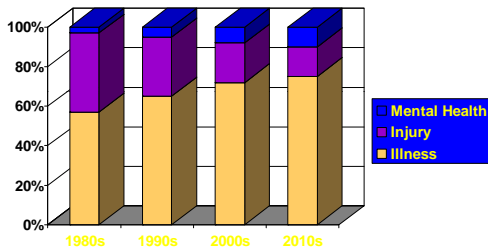
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Applying Tests 1992-2006

Diagnostics	1992	2006
Xray	37 m	41.6 m
CT or MRI	2.16 m	13.8 m
Cor Enzymes	3 m	13.8 m
EKG	11.9 m	20.4 m

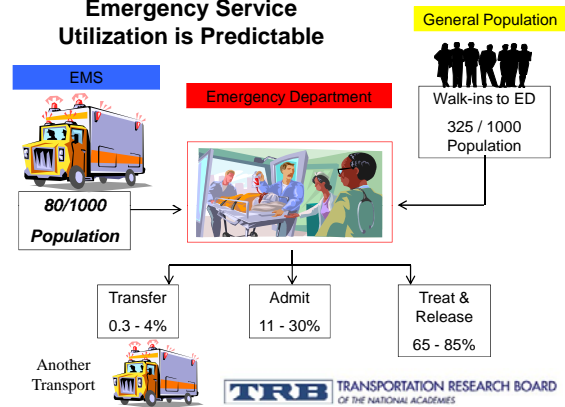
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Changing ES Patient Mix



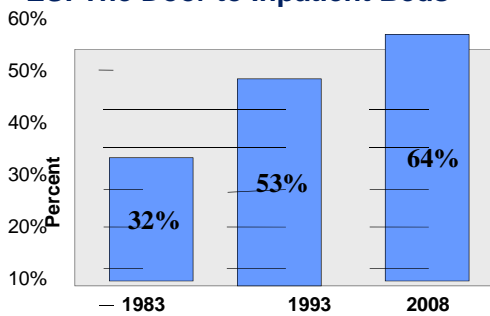
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Emergency Service Utilization is Predictable



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ES: The Door to Inpatient Beds



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What we don't know

- Who is safe NOT to move
- Getting to: Right Patient,
- Right Place
- Right Time
- Right People
- Right Tools



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Solution in the EMS



- IOM: "A Regional Accountable Emergency System"
- Deliver Great Care
- Lead Successful Prevention Programs
- Make Health Care System Functional
- Disaster prep

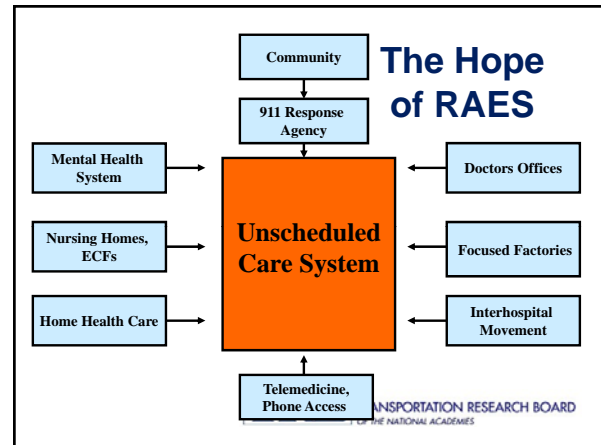
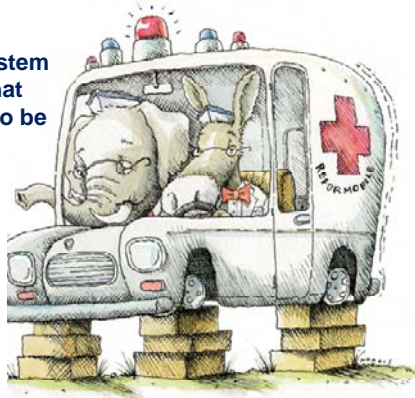
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Driving Issues

- The Emergency System is not Overcrowded, it is Underplanned
- Terrible Economic Climate
- EMTALA = Emergency System is access to care
- Hospitals close, specialists consolidate at fewer sites
- Prevention works
- Still a **Terrible** tort climate
 - No reduction in demand for all-hazards preparedness

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The Best
Emergency System
is the One that
Doesn't Have to be
Used?

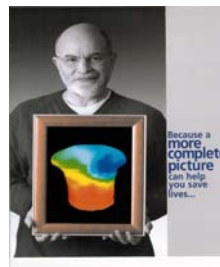


What we need to know

- How to apply technology in most efficient manner
- How to move in the safest and most timely manner
- How to apply financial limits to our aging population

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Apply Technology



- ACS Patient Monitor Systems
- Data Repository
- Telemedicine for home care
- OnStar linkage?

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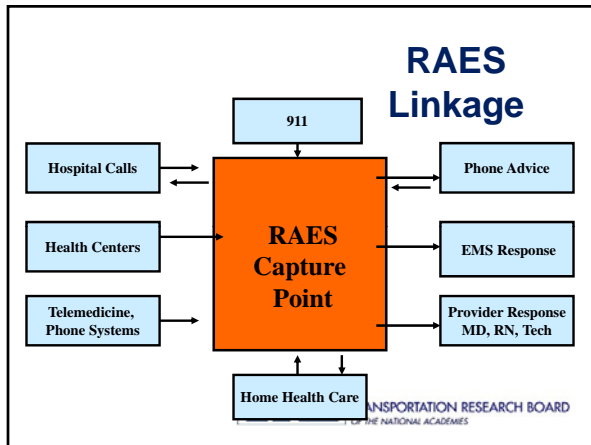
**Technology:
The Easy
Patient
Medical
Record**

**Move in the
safest and
most timely
manner**

Specialty
Centers

“Spec Units”
ED

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**Applying Financial Limits to an
Aging Population**

How to Cure U.S. Health Care

A voucher plan that covers everyone—and helps businesses too.

- The Equity Issue
- “Death Panels”
- “Altered Stds of Care”
- We haven’t used statistics to plan
- Tell the story more effectively

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Summary

- What we know
 - There are more people to move
 - We need to move less people
 - Technology is the bridge
- What we don’t know
 - Who is safe NOT to move
- What we need to know
 - How to apply technology in most efficient manner
 - How to move in the safest and most timely manner
 - How to apply financial limits to our aging population

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Questions??

- Please raise your hand or type in the message box

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