

ACS Committee on Trauma: 100 Years of Impact Trauma Care for Children

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DISCLOSURE

I have no relevant financial relationships with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services.

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I attest that clinical recommendations are evidence-based and free of commercial bias.



Objectives

- History of ACS, COT, VRC
- VRC Standards and Pediatric Readiness
- Discuss current challenges in advancing pediatric trauma care



Abbreviations

ACS- American College of Surgeons

COT - Committee on Trauma

VRC- Verification Review Committee



Historical Trauma Care in 1913?

Outcomes

- Open femur fracture: 70% mortality
 - Thomas splint developed in WW I
- Penetrating abdominal injuries:70-80% mortality
- 30%TBSA burn: 50% mortality
- Major disabilities from poorly managed fractures

Trauma Care

- No prehospital care services
- No hospital standards for trauma or emergency care
- Most emergency care provided by the least experienced physicians
- Imaging limited to plain X-ray
- Limited to no access to blood products (First blood bank 1937)



History of ACS



- 1913- Established -Professional organization representing surgeons of all specialties
- 1922- Committee on Fractures focused on improved care of injured patients
- 1949- expanded and evolved into the Committee on Trauma
 - Industrial safety
 - Improve automobile and traffic safety
 - **■** Firearm and violence prevention
 - Comprehensive, multifaceted approach



Principles of the COT



What is best for patient



- Optimal standards, ensure accountability
- Trauma education for all providers, including non medical bystanders, EMS, providers, nurses, APP, physicians
- Data driven, evidence based decisions
- If no data- devise a strategy
- Culture of continuous quality improvement
- Public health approach to injury prevention
- Collaborate, partner with all organizations





Structure and Growth of COT

Central/National committee- 100 members (Invited to join)

Regional committees- regions, states

Specialty representatives- general surgeons, orthopedic

In 2002- Neurosurgeons,

pediatric surgery

In 2006- Plastics, Burns, Urology

Currently-

- 61 general surgeons
- 8 neurosurgeons orthopedic
- 7 pediatric surgeons
- 1 urologist

- 8 burns
- 8
- 3 plastics
 - 1 OMFS

1 Ophth

• 1

ACS-COT-Pillars

COT Chair

Vice Chair/Regional Committees Region Chiefs, RCOT Board Membership
METS, Scudder Orator, DEI

Education

Steering Committee

Regulatory Group
ATLS
MATLS eLearning, myATLS
App, SEAB, ATLS Coord, ATLS
Revisions, TEAM, Global
Symposium Planning

Specialty Courses
Disaster Education
Rural Education
Stop the Bleed® Education

Surgical Skills
ASSET
ATOM
BEST

Post Graduate Education
Congress, Hot Topics

Quality

Steering Committee

Verification

Trauma Center Standards, Reviewer Leadership, New Reviewer Orientation, Reviewer & Editor Training Performance Improvement &

Patient Safety
Trauma Guidelines Repository,
Best Practice Guidelines,
Mortality Reporting System
TQIP

Conference Abstract Reviewers, Poster Discussants, Peer Coaching, Patient Reported Outcomes, Advancing Leadership in Trauma Center Management Course, Research Systems
Steering Committee

<u>Trauma Systems Evaluation</u>
<u>& Planning</u>
Essential Elements,
Consultation Follow-up,
Consultations, Virtual

Consultation Process
Emergency Medical
Services

Pre-hospital Care Guidelines

Rural Trauma
Rural Advisory Council

Disaster & Mass Casualty
Regional Medical
Operations Center
Development

Advocacy/Injury Prevention/ Stop the Bleed®

Advocacy & Health Policy

Surgeon's Voice/PAC, National Trauma and Emergency Preparedness System, STOP THE BLEED® Advocacy

Injury Prevention & Control
Trauma Informed Care,
Firearm Injury Prevention

STOP THE BLEED®
Steering Group
WE STOP THE BLEED
ACS SAFE
CITY/ORGANIZATION

Surgical Specialty Committees

Burn Surgery, Neurosurgery, Orthopedic Surgery, Pediatric Surgery

Reconstructive Surgical Specialties: Obstetrics & Gynecology, Oral Maxillofacial, Ophthalmology, Plastic, Urology, Vascular

International Injury Care Committee (I2C2)

Global Education

Regional Committees - Military/Civilian Integration
Region Chiefs State/Province/Country Chairs Vice Chairs

Committee on Trauma Staff Partners

ACS - Committee on Trauma 2022 August





ATLS Promulgation Map 2021

To hanor the efforts of those who worked to bring ATLS to areas around the world we are depicting in gray tones areas where we have promulgated ATLS at one time in the past but where, due to State Department guidance, we are not currently allowed to conduct business, so there is no authorized ATLS activity in those countries currently.



Trauma Center Verification, Review and Consultation Program (VRC)

- Flagship program within the Committee on Trauma
- •Established in 1976 with publication of Standards-"Optimal Resources for Care of the Seriously Injured"
- •ACS verification- is a statutory requirement for trauma center designation in many states
 - Leads to rapid adoption of standards
 - 275 site visits per year
 - 581 verified centers



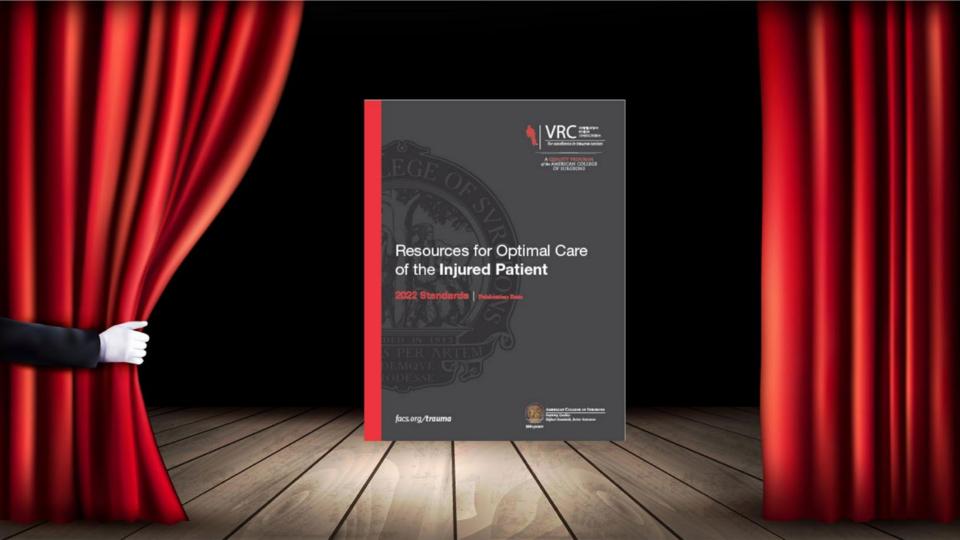
Lessons Learned from ACS Verification

- Successful verification of a center leads to
 - Higher volumes of severely injured patients
 - Improved compliance with important patient care indicators (timely access to OR, consultant response time)
 - Lower rates of unexpected return to the ICU & other complications
 - Shorter ICU LOS
 - Shorter hospital LOS
 - Reduced costs related to improved performance and better utilization of hospital capacity
- COVID-19 has advanced the implementation of virtual visits
 - o Fair process, well received, lower costs



COT Focuses on Pediatrics

- First Peds chapter of ATLS 1983
- 1983 First standards for Pediatric Trauma Centers
- 1989 Consultation for a Pediatric Center (Norton/Kosair Children's Hospital, Louisville, KY- Mary Fallot, MD)
- 2006 First Verification of Pediatric Trauma Center
- 2007 COT partners with HRSA EMSC for specific needs for childrens for ambulance equipment--lead by Mary Fallot, MD FACS
- Component of this list incorporated into EMSC performance measures
- 2014 Pedi TQIP





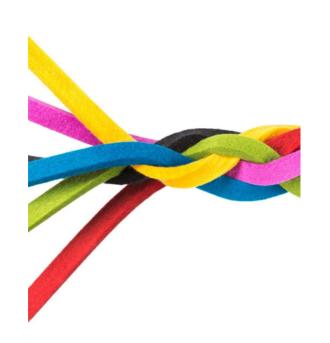
An Inclusive Process

Stakeholder surveys

- Surveys available on COT website
- Over 2,000 responses across chapters
- Comments provided the basis for review and revision

Work groups

- 14 work groups
- Members included specialty representatives, TPMs, COT members across the Quality Programs, and staff





Core Standards Group

Core Group

Dr. Avery Nathens

Dr. Todd Maxson

Dr. Dan Margulies

Dr. Bill Marx

Dr. Nilda Garcia

Staff

Molly Lozada

Tammy Morgan

Yaping Wang

Bhumi Parikh

Melanie Neal

COT Executive Committee

Dr. Ronald Stewart

Dr. Eileen Bulger



A different package, same standards for quality patient care.

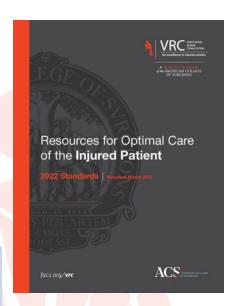
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Update: ensure utility, relevance, effectiveness 2

Clarify: provide clarity and incorporate stakeholder input

3

Align: coordinate with other ACS quality programs



Why a Pediatric Readiness Standard?



Research has shown high pediatric readiness in emergency departments (EDs)—or scoring > 87 points on the National Pediatric. Readiness Project: Assessment—improves outcomes for children. While prehospital research is ongoing, a similar impact is anticipated in EMS settlings.

High pediatric readiness in EDs is associated with:

76%

lower mortality rate in ill children¹² 60%

ower mortality rate in injured children² **400**

children's lives saved across the US each year?

- "Emergency Department Pediatric Readiness and Mortality in Critically III Children"
 Pediatrics, 2019, Ames et al.
- "Emergency Department Pediatric Readiness and Short-term and Long-term Mortality Among Children Receiving Emergency Care" JAMA Network Open, 2023, Newgardet al.



The Power of PECCs:

Designating an individual to serve as a pediatric champion at an ED or EMS agency (also known as a pediatric emergency care coordinator or PECC) is one of the best ways to increase readiness for children.





You can help save children's lives. www.pediatricreadiness.org

The EMSC Innoxition and Improvement Center's supported by the Health Resources and Services Administration (HeAlt) of the U.S. Department of Health and Human Services (HeAlth as a sear of USANCSHET) that lang \$34 with the percent financed with horsi poverment sources. The contents are those of the auditorial and do not reasonably representation of Center and Center (HeAlth and Human Services). He contents the Center (HeAlth and Human Services) and the



Association of Emergency Department Pediatric Readiness With Mortality to 1 Year Among Injured Children Treated at Trauma Centers

Conclusions and Relevance:

Children treated in high-readiness trauma center EDs after injury had a lower risk of death that persisted to 1 year. High ED readiness is independently associated with long-term survival among injured children.

Newgard CD, Lin A, Goldhaber-Fiebert JD, et al. JAMA Surg. Published online February 02, 2022, doi:10.1001/jamasurg.2021.7419



5.10

Pediatric Readiness-Type II

Applicable Levels

LI, LII, LIII, PTCI, PTCII

Definition Requirements

In all trauma centers, the emergency department must evaluate is pediatric readiness and have a plan to address any deficiencies

Additional Information

"Pediatric readiness" refers to infrastructure, administration and coordination of care, personnel, pediatric-specific policies, equipment, and other resources that ensure the center is prepared to provide care to n injured child. The components that define readiness are available in the Resources section below

Measures of Compliance

Gap analysis with plan to address deficiencies in pediatric readiness

Resources

Pediatric readiness assessment: https://emscimprovement.center/domains/pediatricreadiness-project/assessment/

Other resources to address deficiencies: https://emscimprovement.center/domains/pediatric-readiness-project/readiness-toolkit/

Call Kate Remick, MD

Resources for Optimal Care of the Injured Patient (2022 Standards)

- Will be effective for visits starting in September 2023
- Standard 5.10 Pediatric Readiness
 - The NPRP assessment must be conducted once during the Verification cycle.
 - One cycle is defined as the thirty-six (36) month period preceding the expiration date of the current Verification status

5.10 Pediatric Readiness—Type II

Applicable Levels

LI, LII, LIII, PTCI, PTCII

Definition and Requirements

In all trauma centers, each emergency department must perform a pediatric readiness assessment during the verification cycle and have a plan to address identified gaps.

Additional Information

"Pediatric readiness" refers to infrastructure, administration and coordination of care, personnel, pediatric-specific policies, equipment, and other resources that ensure the center is prepared to provide care to an injured child.

The components that define readiness are available in the Resources section below.

Measures of Compliance

- · Pediatric Readiness Assessment Gap Report
- Plan to address gaps identified through the pediatric readiness assessment

Resources

Pediatric readiness assessment: https://www.pedsready.org/

Other resources to address deficiencies: https:// emscimprovement.center/domains/podiatric-readiness-project/ readiness-toolkit/

References

Remick K, Gausche-Hill M, Joseph MM, et al. Pediatric Readiness in the Emergency Department. Polistrics. 2018;142(5):e20182459. doi:10.1542/peds.2018-2459.





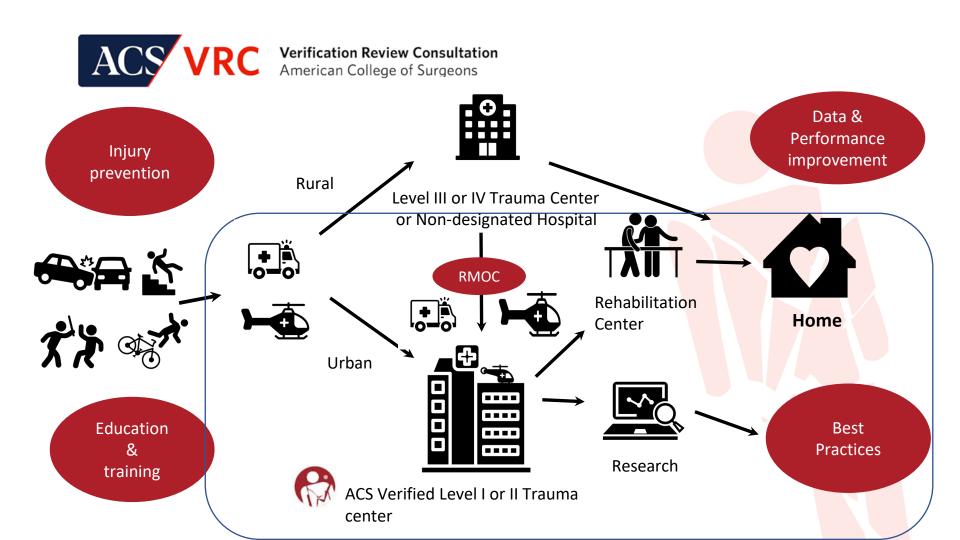
Other VRC Standards with Pediatric Component

- CD 2.5 Level 1 Peds Trauma Patient volume Criteria
- CD 2.8 Trauma Medical Director
- CD 2.14 Child Life Program
- CD 4.9 Pediatric Critical Care Staffing
- CD 4.27 Child Abuse Physician
- CD 5.7 Assessment of Children for Nonaccidental Trauma
- CD 5.10 Pediatric Readiness



ACS Trauma Systems Development

Trauma Systems: Ready Regions, Ready Communities

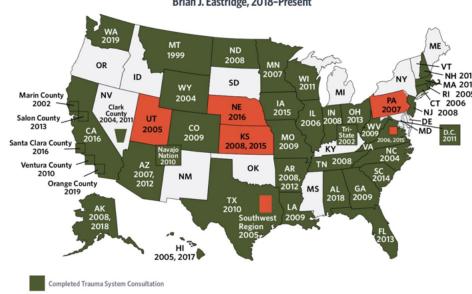




A Focus on Trauma System Development

- Initial Preventable Death Study –
 1979
- The Trauma Systems Planning and Development Act of 1990
 - o 1992 Model Trauma Care System Plan
- First Pilot Trauma System
 Evaluation
 - Palm Beach, FL 1994
- Formal TSEPC Consultations 1999





Completed Benchmarks, Indicators, and Scoring Facilitation



Mary E. Fallat, MD, FACS
Chief of Pediatric Surgery,
University of Louisville
Chair of the Subcommittee on
Emergency Services Prehospital (2004-2007)

Challenges in Achieving High Quality Pediatric Emergency Care



- >80% of children seen in general EDs
- ~70% of EDs see less than 15 pediatric patients a day
- Low volumes = difficult to establish pediatric quality metrics/performance standards at an individual site

Pediatric Patient-Level Data Quality of Pediatric Emergency Care



History of Pediatric Readiness

Project is over 20 years old

The National Pediatric Readiness Project (NPRP)

- ▶2001 NPRP History began with first joint guidelines
- ➤ AAP cooperative grant and paper survey of all EDs finished in 2004; published in Pediatrics 2007
- ➤ 2006 IOM report leveraged data from first assessment to suggest PECC in all EDs
- ➤ Subsequent guidelines 2009 with NPRP web-based assessment
- ➤ 2012 with more evidence for PECCs and improved readiness
- ➤ Subsequent research with demonstration of improved outcomes in critically ill and Peds Trauma patients; ACS engagement ongoing
- ➤ NPRP 2021 Assessment engagement of Pediatric ASPR Centers of Excellence (WRAP-EM, EGLS) and now PPN



PARTNERS IN PEDS READY

- ENA State Championship Teams
- ACEP Systemization of Care
- AAP Quality Improvement Collaborative
- NAEMSP Prehospital care
- NAEMT Prehospital care
- ACS Verification standards



Why do we need a national and state pediatric trauma systems.....

There are not enough pediatric hospitals and pediatric surgeons/specialty surgeons/anesthesiologists to meet the demand or cover the necessary geography

The building blocks for a statewide pediatric trauma system may be in place but an impediment to a coordinated system is often a lack of coordination for children's interests among state entities.

Trauma is one piece of the puzzle, and we are all working in the same spaces.

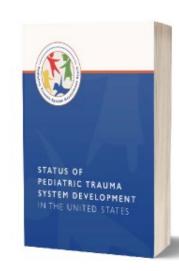
The PPN network provides an opportunity to unite efforts for all hazards to children.





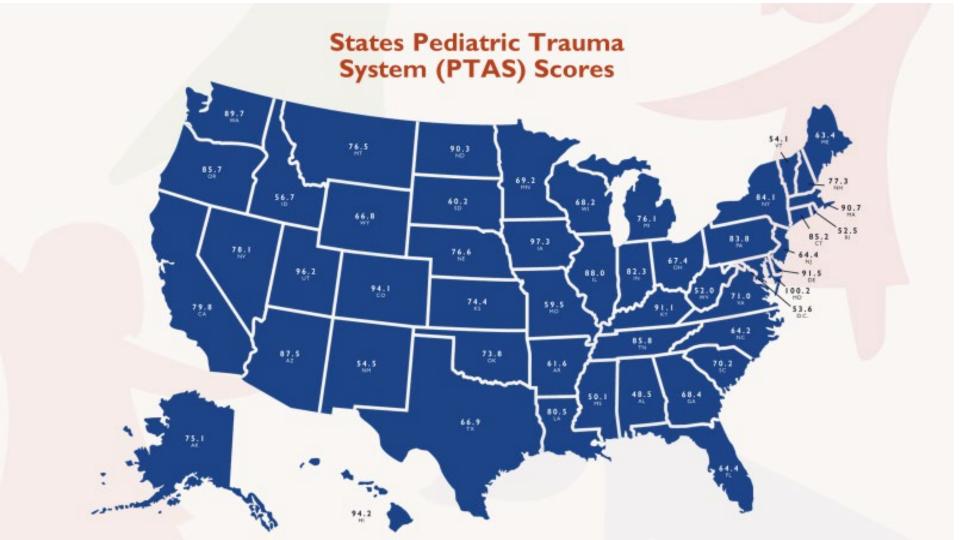
Share and Download the Report: https://grcodes.pro/TkkDy6

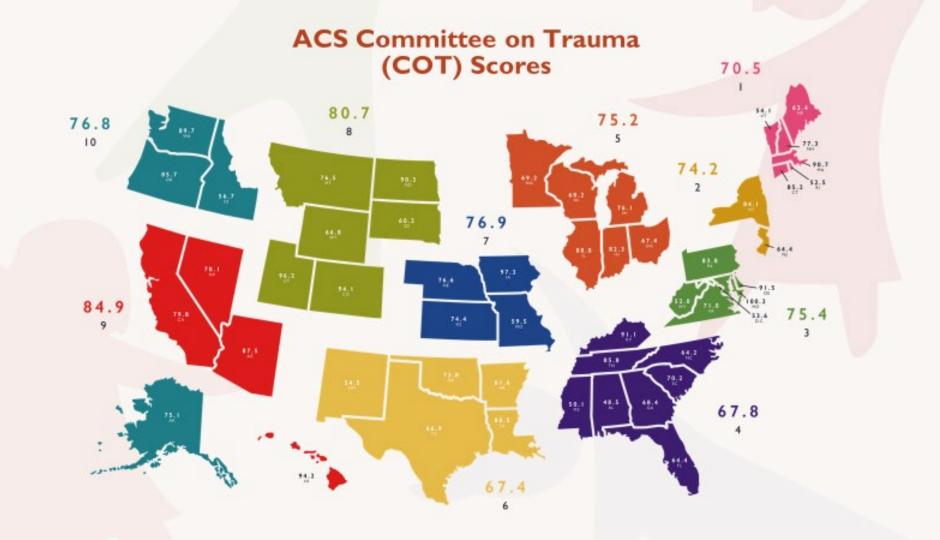






- The report begins to identify the gaps systematically
- It focuses on how states have individually perceived children's interests within their state trauma systems.
- The report describes the development of a novel scoring system
- The **Pediatric Trauma System Assessment Score (PTSAS)**, using parameters critical to the inclusion of children in trauma care.
- It is clear in retrospect that children were unintentionally left out of statutes and regulations in some states because no one was speaking for their interests when plans were developed
- States most inclusive of children, which have a higher PTSAS, have less mortality due to injury.
- Some parameters will stand to be enhanced by improving the "pediatric readiness" of emergency departments in US trauma centers, whether they are verified by the American College of Surgeons Committee on Trauma or by a state verification process
- Clearly the best way to build an integrated pediatric trauma system in a state and in this
 country is to include children in all aspects of planning and development

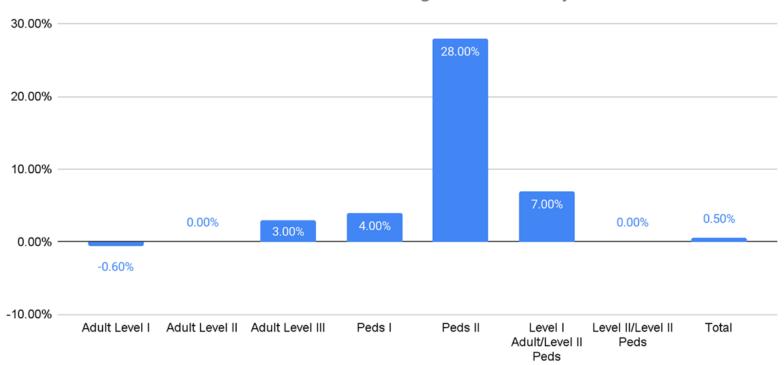




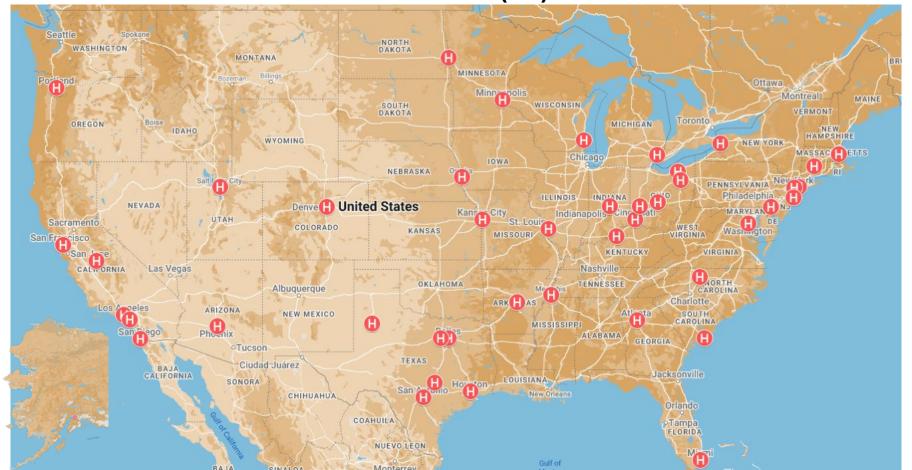


Hospitals VRC Verified

Enrollment Growth - % Change since January 2023



ACS Verified Trauma Centers (46) - Peds Level I and II





ACS COT Priorities Moving Forward

- National Trauma and Emergency Preparedness System
- Strengthen COT Core Programs (Quality/Education)
- Focus on Rural Trauma/Trauma in Under Resourced Areas
- COT Membership/Engagement Opportunities
- Global Expansion of COT Quality Programs





Will the adoption of pediatric readiness as a VRC standard change the landscape for pediatric trauma care?



Thank you!



Evolution of Pediatric Trauma Care A Texas Tale

Alan H. Tyroch, MD, FACS, FCCM

Professor & Chair of Surgery

Texas Tech University Health Sciences Center El Paso
Chief of Surgery and Trauma Medical Director
University Medical Center of El Paso

Governor's EMS and Trauma Council Chair



Speaker Disclosure

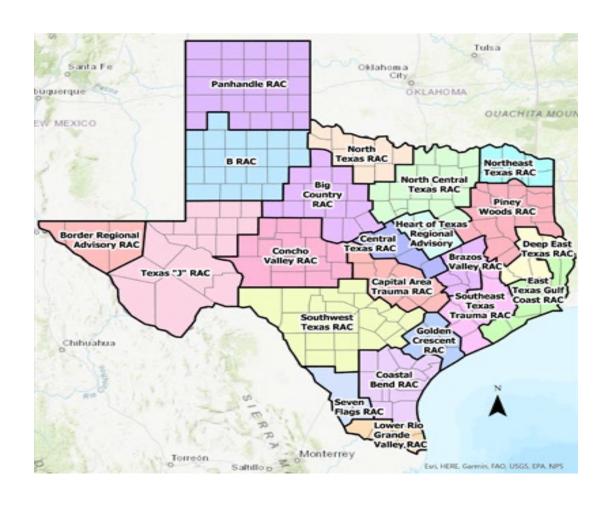
• No financial interests or relationships to disclose.

Texas Emergency Healthcare System

- 1989: Mandated by the Legislature with Texas Department of Health (DSHS) as lead agency.
 - Twenty-two trauma services areas with 22 regional advisory councils.
- 1999: Governor's EMS and Trauma Advisory Council (GETAC).
 - Advise and make recommendations on development and implementation of Texas Emergency Healthcare System rules.
- 2001: Mandated GETAC to assess the need for emergency medical services and trauma care systems.
- 2002: 1st strategic plan for the Texas EMS/Trauma System was developed.
- 2019: GETAC expanded to 19 members



Texas Trauma System





Governor's EMS and Trauma Council

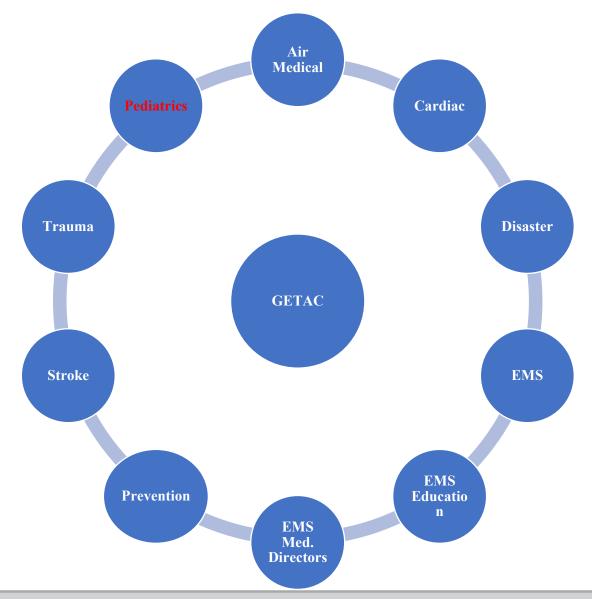
VISION

MISSION

A unified, comprehensive, and effective Emergency Healthcare System.

To promote, develop, and advance an accountable, patient-centered Trauma and Emergency Healthcare System.

Governor's EMS and Trauma Council





Texas Trauma Centers

• Comprehensive (Level I): 22

Major (Level II): 27

• Advanced (Level III): 60

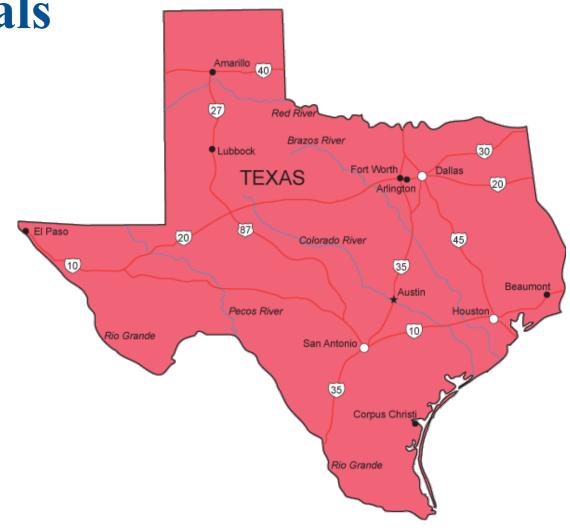
• Basic (Level IV): 194





Texas Children's Hospitals

- 1. Children's Medical Center Dallas (TC: I)
- 2. Texas Children's Hospital Houston (TC: I)
- 3. Memorial Herman Children's Hospital Houston (TC: I)
- 4. Dell Children's Medical Center Austin (TC: I)
- 5. University Hospital San Antonio (TC: I)
- 6. University Medical Center El Paso (TC: I)
 - El Paso Children's Hospital
- 7. Cook Children's Medical Center Fort Worth (TC: II)
- 8. Baylor S&W McLane Children's Hospital Temple (TC: II)
- 9. Covenant Children's Hospital Lubbock (TC: II)
- 10. Children's Hospital San Antonio (TC: III)
- 11. Driscoll Children's Hospital Corpus Christi (TC: III)





ACCIDENTAL DEATH AND DISABILITY: THE NEGLECTED DISEASE OF MODERN SOCIETY

Prepared by the
COMMITTEE ON TRAUMA AND COMMITTEE ON SHOCK
DIVISION OF MEDICAL SCIENCES
NATIONAL ACADEMY OF SCIENCES
NATIONAL RESEARCH COUNCIL

NATIONAL ACADEMY OF SCIENCES NATIONAL RESEARCH COUNCIL Washington, D. C., September, 1966

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JFK's Hearse

When funeral

homes operated

ambulances...



Oswald's Ambulance







"If you were shot in the heart and reached Parkland or Ben Taub Hospitals with visible life signs, you would almost certainly survive. Elsewhere in Texas, you would probably end up dead."

Austin: Most people associated with health care in Austin believe that the city's emergency medical service is the worst in the state. In general, ER services range from adequate to nightmarish. As to getting there, the ambulance service rates fair to poor.

Corpus Christi: Nueces County Medical Society says both ambulance and ER services are very good. Citizens and media sources rate the Hospital's ER services good and the new firemen/EMTs a little better.

El Paso: Seems content to provide only bare-bones emergency medical care. Little or no civic or medical clamor for better care. Ambulance services rated as good. El Pasoans should see an improvement over minimum emergency equipment sometime in 1975. For now, El Pasoans are content with less than other Texans. Thomason's ER rates excellent on the basis of its dedicated and skilled medical work.

#EMSC23

Dallas: Before 1972, many ambulance drivers were morticians making \$40 a month plus room and board. Training was basic first aid due to high turnover and some had no training. Dallas is now the best Texas city to be in when an ambulance and the skills and immediacy of trauma medicine are required. Its service is a model for emergency care. However, such praise would not have been deserved before the seventies.

Fort Worth: Medical services at JPS rated as good; physical conditions which medicine labors and patients wait rate very poor. Ambulance services rate good under the conditions the city has set for it; however, the modulances themselves are not always maintained in top-notch condition.



Houston: The fire department directs the oldest public ambulance service in the state with 51K emergency calls in 1974. In all likelihood, the ambulance carrying a critical case or a person unable to pay at a private hospital will go to Ben Taub. The hospital's ER is headed by two senior residents, one a medicine resident, the other a surgery resident. Hermann Hospital's ER handles about 2K cases a month but not as many trauma cases as Ben Taub. The goal for Hermann is to provide trauma and cardiac care like Taub does, but only for people who can pay. Houston's ambulance service and the ERs at Ben Taub and Herman hospitals rate excellent.



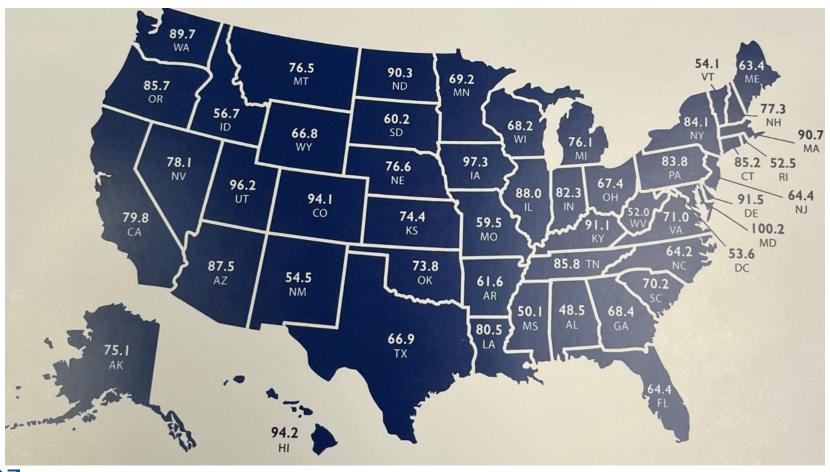
San Antonio: The city will soon complete its first year with a publicly run ambulance service. Under the private service, getting a patient to a hospital seemed more a competitive sport like football than a medical specialty. Competition between private companies ran high; stories of one ambulance blocking the route of another with a patient and drivers following a patient into the hospital demanding immediate payment were not unusual. The atmosphere in the Bexar County ER waiting room is almost always hectic. The San Antonio public ambulance service rates as very good. The Bexar County ER system rates as good.







Pediatric Trauma System Assessment Score (Childress Institute for Pediatric Trauma)





Texas 2021 NPRP State Summary

2021 Pediatric Readiness Response Rate

Numerator: 267 Denominator: 525 Response Rate: 51%

2021 Average State Score

74

State AVERAGE Hospital Score out of 100 (n=265) 2021 Median State Score

74

State MEDIAN Hospital Score out of 100 (n=265)

NOTE: There are 2 records in this dataset that did not have answers to all the scored questions and are not included in the scores shown above.

71 (8/6/2021)

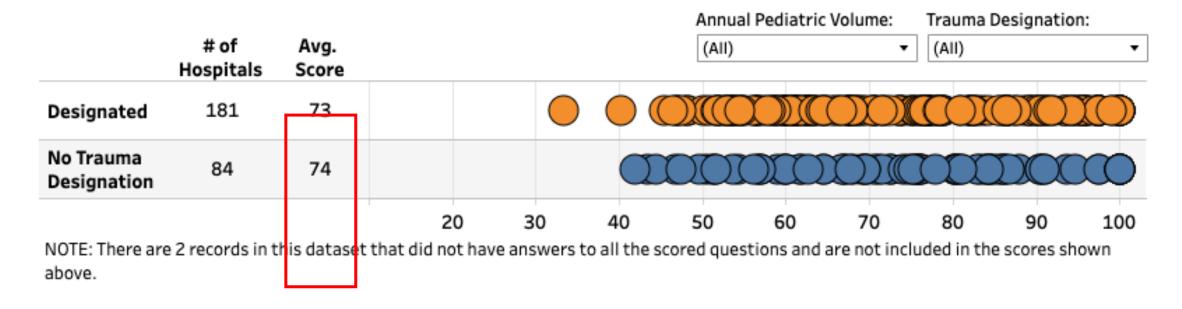
NATIONAL AVERAGE SCORE OF ALL PARTICIPATING HOSPITALS





Trauma Facility vs Non-Trauma (Texas)

Breakdown of Scores by Trauma Designation







Texas Trauma System Rules

• Participate in the National Pediatric Readiness Project (NPRP).

• Ensure pediatric equipment and resources are immediately available.

• Education requirements for ENPC or PALS is compliant for nurses.

• Facility conducts one pediatric trauma simulation quarterly.



What is Pediatric Readiness?

Pediatric Readiness is ensuring that every EMS agency and emergency department has the right equipment, supplies, medications and training to provide high-quality emergency care for children. Every Child. Every Day. It is addressing system-level issues such as policies, protocols and agreements, and not penalizing individual people or teams to truly reduces morbidity and mortality for ill and injured children.









What to do NOW!

Participate <u>ASAP</u> in the National Pediatric Readiness Project at https://www.pedsready.org



Once submitted, the respondent will receive an **email summary report** which shows:

- Answers to all scored questions broken down by the six domains of the assessment
- Overall readiness score
- Copy of all answers to all questions in the assessment (both scored and nonscored)





Barriers to Readiness

- •Lack of educational resources (48%)
- •Lack of a QI plan (47%)
- •Lack of pediatric-specific policies (46%)
- •Not aware of the guidelines (45%)
- •Cost of training personnel (43%)
- •Lack of a disaster plan (42%)
- •Lack of trained nurses (40%)
- •Lack of trained physicians (36%)
- •Lack of administrative support (15%)
- •Not interested (9%)
- •Low pediatric volume (1%)



Common barriers are not due to cost, personnel, interest or support of administration





Pediatric Emergency Department Readiness Among US Trauma Hospitals **J Trauma, 2019**

Objective: To evaluate pediatric readiness (PRS) in trauma centers.

Methods: Comparison of EDs participating in the NPRP versus those that did not participate in the NPRP that identified as trauma centers.

Results: Overall, median PRS was 71.7. Children's hospitals had the highest PRS (98.6). The next highest was EDAPs (EDs approved for pediatrics) and the lowest was trauma centers (68.4).

Conclusions: Trauma center readiness may not translate to pediatric readiness in EDs. #EMSC23

Evaluation Of Emergency Department Pediatric Readiness And Outcomes Among US Trauma Centers JAMA Pediatrics, 2021

Objective: To evaluate the association between ED pediatric readiness, in-hospital mortality and in-hospital complications among injured children in trauma centers.

Design: Review of 372K children (832 TCs) using the NTDB and NPRP assessment

Results: Children receiving care in EDs at trauma centers in the highest quartile was associated with a 42% lower odds of death.

Conclusions: Injured children treated in high-readiness EDs had lower mortality compared with similar children in low-readiness EDs, but not fewer complications. This supports national efforts to increase pediatric readiness in US trauma centers.

#EMSC23

Impact Of Individual Components Of Emergency Department Readiness On Pediatric Mortality In US Trauma Centers J Trauma, 2022

Objective: To identify individual components of ED pediatric readiness associated with better-than-expected survival in US trauma centers.

Methods: Matching NTDB data with the NPRP assessment (555 trauma centers).

Results: Unadjusted analyses showed a benefit with the following: pediatric triage tool, comprehensive quality improvement processes, pediatric-specific disaster plan and critical airway & resuscitation equipment. Multivariable analysis demonstrated the benefit of <u>both</u> a physician and nurse pediatric emergency care coordinator (PECC).

Conclusions: The above components of pediatric readiness may serve as targeted areas of focus for trauma centers. (My opinion: The PECC is essential to success.)

Association Of Transport Time, Proximity And Emergency Department Readiness With Pediatric Survival At US Trauma Centers *JAMA Surg*, 2023

Objective: To ascertain the association between geographic access to high-readiness EDs in US trauma centers and mortality.

Methods: Review of 213K children from 765 trauma centers that contributed data to the NTDB and completed the 2013 National Pediatric Readiness Assessment.

Results: Trauma centers with high PRS was associated with lower mortality. Matching children to TCs with high readiness EDs < 30 minutes may have potentially saved 468 lives but increasing all TCs to high ED readiness may have potentially saved 1,655 lives.

Conclusions: Increasing the level of pediatric readiness at all US trauma centers may substantially improve patient outcomes after trauma.



Criteria Developed

Texa

Pilot phase in progress

 Christus Mother Frances Hospital-Jacksonville June 2020

Two other facilities have undergone the review process

Texas EMS for Children Texas State Partnership coordinating



Why Texas Considered Developing a Pediatric Facility Recognition Program?

Increase	Increase awareness of pediatric readiness in emergency departments
Establish	Establish minimal standards for pediatric emergency care
Verify	Verify pediatric resources (virtual-site assessments)
Minimize	Minimize pediatric patient safety events
Address	Address gaps in access and care





Statewide Pediatric Facility Recognition Programs And Their Association With Pediatric Readiness In Emergency Departments In The United States **J Pediatrics, 2020**

Objective: To describe the relationship between statewide pediatric facility recognition (PFR) programs and pediatric readiness in EDs.

Design: Data extraction from the 2013 National Pediatric Readiness Project using the pediatric readiness score (PRS) comparing EDs in 8 states that participate in the PFR to non-participating states.

Results: States with a PFR program had a higher PRS (9.1 points) compared with states without a PFR program. EDs recognized in a PFR program had a 21.7 point increase.

Conclusions: Statewide PFR initiatives are associated with higher pediatric readiness.



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EMSC State Partnership, Texas
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Email: spvance@bcm.edu









C. Everett Koop, M.D.

U.S. Surgeon General 1982-1989

"If a disease were killing our children in the proportions that injuries are, people would be outraged and demand that this killer be stopped."



