



SETRAC Trauma Committee

Thursday September 5, 2024
SETRAC Conference Center, 1111 N. Loop West, Suite 160, Houston, TX 77008

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TOPIC	DISCUSSION/RECOMMENDATION	ACTION/FOLLOW-UP
Presenter: Dr. Chad Wilson Topic: Call to Order/Introduction/Approval of Minutes/First Code Word	Minutes from the makeup meeting June 4, 2024, meeting was approved. Attendance will now be tracked after each meeting the QR code of by going to https://www.setrac.org/trauma .	The committee has no further recommendations.
Presenter: Dr. Chad Wilson Tropic: Old Business 2024 Committee Goals	Dr. Wilson went over the proposed 2024 committee goals. We have made considerable progress towards our goals. Complete the assessment of patients transferred to appropriate initial facilities and track transfers and double transfers. There isn't a perfect system for it yet, but improvements have been made. There will be discussion on transfers later in the meeting on what is required by Texas state law. SETRAC blood product workgroup having an operational program by the end of the year. Clayton SETRAC's EMS coordinator was in the meeting and advised he will be giving a report later in the meeting. Supporting smaller Level 3s and Level 4s with standardized policies and procedures related to changes and expectations from the state (Tentatively June 4th Trauma meeting policy updates). Mentoring program as new members join the region. They have been many ad hoc meetings on the Texas State rules that will continue to be an item through 2025. Standardize follow up that are sent out. This goal is ongoing. Mentorship program – (TPM Mentorship) Suzanne and other Trauma leaders will onboard the new TPMs to make sure they have what they need and help with surveying. Rebecca with MHTMC heads up the mentorship program at the TTCF and she will work with Suzanne to develop a similar TPM mentorship program, ensuring information is readily available in the region. Pre-Hospital Registry – No update at this time. IRR on chart abstraction- Andrew will report out later in the	The committee has no further recommendations.



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	meeting during standing reports. Dr. Wilson would like for each of the goals to get a champion to get deliverables and a date for accountability. This goal is ongoing. Dr. Wilson would like to talk about 2025 goals at the next meeting November 7th.	
Presenter: Dr. Shiree Berry HCA Houston NW Topic: New Business ○ Best Practice Presentation ○ EMS2OR Program	John Pope the TPM at HCA Houston NW reported for Dr. Berry on their EMS2OR Program. Why they use Code EMS2OR • High penetrating volume • The OR is the place where the most definitive treatment can be provided • Data shows an average of 25% of our penetrating patients come in with SBP<90 • Hemorrhagic Shock is the leading cause of death – Age 1-46 • Time saved is blood saved. Generally hypovolemic hypotension represents 30% or more blood volume loss. • Delay to OR of more than 10 min increases risk of mortality Three-fold They utilize whole blood in high level trauma patients then MTP. An EMS2OR is responded to the same as a High-Level trauma but in the OR. To qualify for EMS2OR, the patient is already scoring a 2-3 on ABC score for massive transfusion. Criteria - EMS pre-hospital notification patient with penetrating injury to trunk and systolic blood pressure <90 or loss of radial pulse. A case example of the first patient pre-hospital interventions: 18g right AC. Pre-hospital notification of penetrating injury with hypotension. Trauma Surgeon with decision to transport patient from EMS to OR the timeline, procedure, hospital stay, and results were presented and discussed. They started the program in beginning of 2023. <u>Data</u> • In 2023 our EMS2OR survival to discharge rate was 50% • Median ISS 25 • Average time from door to OR less than 5 minutes with all but	The committee has no further recommendations



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	one less than 10 minutes - Initial Drills show capability to be in the OR from Helipad in 3 minutes 47 seconds. Lessons Learned - Do Not downgrade – staff allocation on arrival - EMS [prenotification is key - Drill and educate	
Presenter: Sarah Abbott Topic: Firearm Violence A public Health Crisis in America	Sarah Abbott spoke briefly on the Surgeon General's report that she shared at the injury prevention meeting. June 25th the US Surgeon General Vice Admiral Vivek H. Murthy issued an advisory on firearm violence. A QR code was shown, allowing participants to download the document. Sarah shared highlights and some state and local resources. Firearms are the leading cause of death for children and adolescents. 56% of unintentional firearm deaths among children and adolescents happened in their own homes. Among incidents with known firearm storage information 74% of the firearms used were stored loaded. 76% of the firearms used were stored unlocked. When stored unlocked, the firearms were most accessed from inside or on top of a nightstand, under a pillow, on a bed, or under a mattress. The rate of firearm-related suicide increased by 20% across the population, with the highest increases among younger people (2012-2022). Firearm violence leads to cascading harm across society. The 988 Suicide Crisis Lifeline QR Code was displayed – once downloaded, there is access to printable education information. The Texas Suicide Prevention Symposium – September 18-19, Mesquite, TX, registration has closed. The Houston Area Suicide Prevention Coalition will be getting an award this year for the most active coalition in the state. They meet quarterly the next meeting is on October 3rd at the council of recovery. For more information please reach out to info@houstonareasuicideprevention.org. There are several workgroups that need support and community participation. Child Fatality Review Teams and counties were displayed, Sarah will provide an updated list and share it through the listserv.	The committee has no further recommendations



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Presenter: Mark Kelton Topic: Designation Announcement	Mark Kelson, Director of Trauma Services and Dr. Stephanie Morris, TMD with HCA Houston Healthcare North Cypress requested the support of the Committee as they are going In Active Pursuit of Level III Trauma Designation. They are planning for their initial Advanced Level III survey during Q3, 2025. <u>Current State – Trauma Volume</u> Total Trauma Volume 2023 Trauma Volume – 602 patients 2024 July YTD Volume – 416 patients <u>Trauma Patients Arrivals by EMS</u> 2023 EMS Volume – 334 patients 2024 July YTD Volume – 239 patients	The committee has no further recommendations
Presenter: Dr. Chad Wilson Topic: New Business - Texas TQIP Collaborative Participation 2024 Trauma Education Calendar	Dr. Wilson as the committee chair wanted to encourage every member of our RAC who is a level I or Level II that is a participant in TQIP and to join the Texas TQIP Collaborative. He spoke on behalf of Carlos Palacio who worked hard to build up the Texas TQIP. He wants to make sure our RAC is participating. For more information, please contact Dr. Wilson. The 2024 Trauma Education Calendar was displayed. Rebecca Croker with Memorial Hermann TMC volunteered to do the best practice presentation for the November 7th meeting.	The committee has no further recommendations
Presenter: Shelia Lopez Topic: Standing Report RAC Wide PI Project	Shelia Lopez, System Director of Trauma Performance Improvement and Quality with Memorial Hermann Systems reported Suzanne reached out to her to see if she would lead a RAC wide project around transfer out to higher level of care. One of the current State audit filters requires that the severely injured patient is transferred to a higher level of care within 2 hours of arrival at the Emergency Room. <u>Data Presented</u> Time To Transfer for Patients with GCS<9 or Systolic B/P<90 - Time to Transfer for patients with GCS<9 or Systolic B/P<90 - Age 16-64 - Total patients reported 2038 - Number of double transfers 13	The committee has no further recommendations



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	○ Arrival time 7:00am-7:00pm ○ Total patients 107 ○ Total double transfers 7 ○ 7pm-7am ○ Total patients 967 ○ Total double transfers 6 Small percent of population that needs focus • GC<9 ○ Small percent of population that needs focus ○ GCS <9 77 patients in adults 25 patients in Elderly - Only 5.6% of the transfers in Adults and Elderly ○ Majority arrive by EMS (when data for adults and Elderly combined) ○ Adults arrive more in the 7pm shift with Elderly arriving more in 7am shift ○ No clear difference in day of week (when data for adults and Elderly combined) ○ Decision to transfer is made early yet small amount get out within 120 minutes Small percent of population that needs focus • Systolic <90 for adults and 110 for Elderly ○ 54 patients in adults ○ 120 patients in Elderly ○ Only 11.9% of the transfers in Adults and Elderly ○ Majority arrives by EMS ○ No difference in the shift they arrive on (when data for adults and Elderly combined) ○ No clear difference in day of week (when data for adults and Elderly combined) ○ Decision to transfer is made early yet small amount get out within 120 minutes GCS criteria had 4 patients transferred by level 1 B/P criteria had 4 patients transferred by level 1	



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Presenter: Chris Campbell Topic: Standing Report ACS Survey/DSHS Update	Chris Campbell reported ACS is looking at making some revisions to the charcoal book that should be released at the TQIP conference. There was no update on the new Trauma rules.	The committee has no further recommendations
Presenter: Andrew Hiriart/Jessica Yell Topic: Trauma Data Registry Subcommittee Update	Andrew briefly reported on the adult Q1 data and Jessica Yell reported on the pediatric Q1 data that was discussed in the trauma subcommittee meeting earlier Adult Andrew reported on 7,745 records from 34 facilities. He advised as a reminder adults are ages 16 and older. Our top 5 mechanisms of injury remained unchanged. The number of records with the ISS missing has decreased significantly compared to recent years. The TQIP 2024 National average for mortality in Level I and II trauma centers is 7.8% and 3.9% for Level III centers. Our regional average for Q1, 2024 is 2.617%. Pediatric Jessica reported on Q1 2024 pediatric data. The report included data for 1,142 pediatric records from 34 facilities. Patients included in the report were ages 15 and younger. Jessica briefly reviewed total patients by designation levels, Mortality Percentage by Designation Level and Top Five Mechanisms.	The committee has no further recommendations
Presenter: Kristen Beckworth Topic: Injury Prevention Committee Update	Kristen reported briefly on the injury prevention meeting held prior to the trauma committee meeting. They had a guest speaker Christine Yager with the Texas A&M Transportation Institute who spoke on a program called Teens in the Driver Seat. She reported car crashes are the leading cause of injury and death in the US. In 2022 over 2800 teens lost their lives in car crashes and thousands more were injured. Driver inexperience is the number one contributor for teen crashes closely followed by distraction, night driving, speeding, non compliance with	The committee has no further recommendations



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	seatbelts, and impaired driving. They developed a peer-to-peer youth traffic safety outreach program called "Teens in the Driver Seat" and for college students "U in the Driver Seat". Details are in the injury prevention minutes. If anyone is interested, please reach out to Kristen. Some of the committee members will be representing SETRAC at the end of the month at the Katy Safety Fest held on September 28 th it is a large safety event they will have an injury prevention table if anyone is interested in volunteering, please let Carrman know. September is child passenger safety month there will be a lot of car seat events happening in the Houston area. If you know of anyone that need to get their car seats checked, she has a flyer with information that she will give out.	
Presenter: Eric Parmley Topic: Pediatric Committee Update	Robin Hazlett introduced herself as the regional PECC for the RAC. She is the only regional PECC right now they are looking for two more. She has started with Matagorda and Houston Methodist West. Robin will help with the pediatric readiness assessment and getting everyone started with the pediatric simulations. We expect that the new Trauma rules will require two pediatric SIMS a year. The goal is to develop PECCs within each hospital. Please reach out to Robin for more information and how to schedule a visit.	The committee has no further recommendations
Presenter: Suzanne Curran Topic: GETAC Update	Suzanne reported that the stroke committee is working with the pediatric committee to develop an EMS Pediatric Stroke Protocol and the requirements. The RACs involvement on pediatric readiness within our region will help EMS. She presented the Pediatric Concussion and Head Injury Initiative, Helicopter Safety and Landing Zone training, and the common trauma survey deficiencies.	The committee has no further recommendations
Presenter: Clayton Ehrlich Topic: EMS Committee Update	Clayton gave a few updates from the EMS Committee. The Texas EMS wristbands are being distributed to all EMS providers next week. They are to be used during disasters and tracked through Pulsara. Some agencies are using them for every patient, SETRAC is asking that they be used during disasters. Pulsara and wristbands are two different functions, but they are used together as the wristbands are tracked through Pulsara during a disaster. SETRAC purchased over a	The committee has no further recommendations



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	million wristbands to distribute to the region. Education and training will be provided. More to come. If anybody have any questions email Clayton, his contact information is on the website. The blood products subcommittee is now approved by the board to be its own committee.	
Presenter: Carrman Rivers Topic: Stop the Bleed Update	Suzanne spoke on Carrman's behalf. Carrman is now the RAC manager for Stop the Bleed. Originally it was under clinical then went to the preparedness side now it's back under clinical. We have a couple of dates for train the trainer and several classes coming up. Carrman will be out in the community teaching. Whenever you get an email asking for instructors, please respond to let us know if you are available.	The committee has no further recommendations
Presenter: Suzanne Curran Topic: Open Discussion Committee Elections 2025	It is time again to think about election for the trauma committee. The month of September will be open for nominations. If you want to nominate yourself or someone else, please complete the nomination form that Carrman sent out. At the next Trauma Day, those nominated will be given a few minutes to tell the committee about themselves and what they bring to the committee. After the elections, the new leadership positions must be approved by the SETRAC Board on January 27 th , 2025. Once approved they will begin their 2-year term. Committee attendance is part of your participation requirement. SETRAC and the Board highly encourage in person participation. In person participation allows for networking and collaboration as well as lunch. Rebecca Crocker reported that the Trauma Registry Workshop Workgroups would be meeting soon and if anyone was interested in helping to plan or in teaching a class at the workshop to let Suzanne know. Sarah announced UT Health and Baylor have been funded AS A cdc Injury Control Research Center to establish a Violence and Injury Prevention Research Center (VIPR). This will be the first in Texas. Andrew mentioned TETAF is having their hospital management course coming up on October 29 and 30 th .	The committee has no further recommendations



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Adjourned / Next Meeting	There being no other items for discussion, the meeting was adjourned. Next Meeting will be held on Trauma Day Thursday November 7 th , 2024 at 1:30pm to 3:00pm. This is an in person meeting at the SETRAC Conference Center.	
Attendees	Trey Urech, Kristen Beckworth, S. Meg Michael, Ben Shapley Sharon Humphreys, Shabnam Chaugle, Dr. Ata Ahmad, Sarah Black, Courtney Terry, Sherina Garcia, Stephanie Morris, Priscilla VARGAS, Justin Thompson, Kacey Hahn, Future Johns, TAMMY KRISTYNIK-MOELLER, Genna Lubrano, Lisa Valenzon, Melanie Gander, Mark Kelton, Stephen Mora, Priscilla Vargas, Joseph Murray, Lori Foster, Neil Grieshop, Christy Gonzales, Roger Morse, Cristy Cicchi, Louis Le, Brett Dodwell, John Pope, Brian Brewer, Lauren Oliver, Brandy Valdez, Kodieann McQueen, Adam Fitzhenry, Jennifer Rogers, Joshua Samp, Cristy Gonzales, Shelia Lopez, Andrew Hiriart, Julie Matson, Gretchen McIntire, Krisann Shoemaker, Rebecca Crocker, Katie Fisher, Trey Babino, Niragi Patel, Jackline Nwokejiobi, Omar Metawalli, Alyssa Badillo, Vickie Hipsher, Mike Wandling, John Harvin, Jessica Vickers, Sarah Abbott, Tammi Culp, Catherine Seger, Leslie Miller, Jessica Yell, Clayton Ehrlich, Robin Hazlett, LeAnne Young, Hoang Pham, Howard Pryor, John Harvin, Julie Matson, Stepen Mora, Gloria Bagshaw, Christine Campbell, Sarah Abbot, Janet Teran, Annika Butler	Code Words Beat/Michigan



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