



SETRAC Trauma Committee

Thursday September 7, 2023
SETRAC Conference Center, 1111 N. Loop West, Suite 160, Houston, TX 77008
Virtual Meeting

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TOPIC	DISCUSSION/RECOMMENDATION	ACTION/FOLLOW-UP
Presenter: Adam Fitzhenry/LeAnne Young Topic: Call to Order/Introduction/Approval of Minutes/First Code Word	Minutes from the July 6, 2023 meeting was approved. Attendance will now be tracked by going to https://www.setrac.org/trauma or the QR Code.	The committee has no further recommendations.
Presenter: Adam Fitzhenry/LeAnne Young Tropic: New Business ○ New State Requirements ○ Rebecca Crocker ○ Trauma Best Practice Education Series ○ Christine Campbell State Rule Update ○ Stephen Mora Improving Antibiotic Time for Open Fractures	Rebecca Crocker spoke on the new state requirements. The proposed rules from the state were brought to the committee for discussion. The trauma rules have not been approved yet, one of the proposed rules states that trauma medical directors must attend 50 percent of the RAC meetings. There are no guidelines around the requirement yet. Rebecca opened up the floor for discussion to get an idea from the RAC if the requirement will be for all meetings or just the trauma committee meetings and if it will be one of the trauma goals. She also mentioned maybe brining back a zoom option due to distance and/or schedule restraints for some of the members. A lot of discussion was had regarding a zoom option. Suzanne advised the SETRAC executive board passed a directive for everyone to come back in person which was put into effect in March 2023. In-person meetings are good for collaboration and networking where zoom meetings in the past had little to no participation or engagement. Suzanne mentioned that attendance is one of the requirements for participation letters requested by facilities. Suzanne will take the zoom option to the board and advise at the next meeting the board's decision. Best Practice Education Series Christine Campbell, MS, BSN, RN, AVP Trauma Service, HCA GCD, HCA Houston Healthcare presented on the following: State Rules Updated Timeline • December 2023 - Rules open for public comment. There will be 31 days to provide comment. • Jan/Feb 2024 - Rules go back to rules committee to be adopted. • April 2024 – If adopted the rules will be released. • September 1, 2024 – Surveys begin utilizing the new rules. The New Survey Process – Effective January 2024	The committee has no further recommendations



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	- Medical Records Review 10 charts per surveyor - Defined types of cases - Phases of Care - Standard of Care Phase - Program Guidelines Followed - Designation Requirements Met - TPIP issues identified by Hospital. - TPIP issues identified by Reviewer. - TPIP Process effective in Creating Change. - Accuracy of ISS score - Completion of Trauma Registry Profile. Texas Survey Composition Level I and II – 2 trauma/general surgeons, ED MD, and a TPM. Level III/IV – Volume dependent 1000 Registry entries 4 surveyor team 600 Registry entries 3 surveyor team Texas Survey Findings - Most potential deficiencies are deficiencies after state evaluations. - TETAF has requested surveyors to give deficiencies for vital signs specifically for the non-activations. - If one to three deficiencies it is a survey with contingencies. - Four or more it will be a probationary survey with a focused visit in 12-18 months. - Very key to have loop closure or trending with action plan for each PI issue. Stephen Mora, MBA BSN, RN, TCRN, Trauma Program Director, Ben Taub Hospital presented on their performance improvement Initiative: Improving Antibiotic Time for Open Fractures. The final report from the October 2021 ACS trauma site visit. Opportunities for improvement	



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	- Identified as a weakness under Chapter IX Clinical Functions: Orthopedic Surgery - Although the program made some progress, the time to administration of antibiotics for open fractures is not optimal found through chart review and their data presented. Recommendations - Continue efforts to decrease time to antibiotic administration for open fractures. TQIP Best Practice Guidelines - ACS TQIP best practices in the management of orthopedic trauma. - Open fractures occur when a fractured bone is exposed to contamination from the external environment through a disruption of the skin and subcutaneous tissues and are susceptible to infections. - Patients with open fractures should receive intravenous antimicrobials within one hour of presentation to reduce the risk of infections. Can be reviewed on the TQIP website. Interventions - Begin conversations with key stakeholders. - Review data with key stakeholders and develop a plan. - Update appropriate guidelines. - Create corrective action plan. - Engage EC staff and reinforce new initiative in daily huddles. - Perform weekly audits. Stephen shared their corrective action plan, weekly audit review and post-intervention data. The TQIP article information on antibiotic administration within 1 hour for open lower extremity fractures is not associate with decreased risk of infection. Andrew mentioned there are a lot of moving parts in the data they collect they look at two things; time to order and time to administer which are two different disciplines, medicine and nursing it takes both. Adam Fitzhenry	



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	thanked Stephen and Ben Taub for the work they are doing and for the presentation. Adam asked if anyone had a performance improvement project that they have been working on that they would like to share for best practice to let him or someone on the committee know so that it could be added to the agenda.	
Presenter: Adam Fitzhenry/LeAnne Young Topic: Old Business 2023 Committee Goals	LeAnne Young advised there was an initiative spoke on at the last trauma committee meeting regarding data validation. Andrew volunteered the trauma data subcommittee to take on the project since they review the data and provide data education through the data registry workshop bi-annually. During the trauma data subcommittee meeting prior to the trauma committee meeting Dr. Wilson included as one of the trauma committee 2023 goals a RAC wide data validation project. Suggestions from their first meeting were RAC wide inter-rater reliability with some coding, heatmap for research, and things that involve specific coding of mechanism of injury to name a few. The suggestions will help those that are at Level III and IV facilities where they are the only person wearing many hats (the trauma program coordinator, registrar, the one collecting data, doing PI at the facility).	The committee has no further recommendations
Presenter: Clayton Ehrlich Topic: Wrist Band Update	Clayton advised they intended on purchasing wristbands last month unfortunately it fell through the vendor could not accommodate the request. Hopefully some funding will become available in the future. They are still learning the different pieces concerning the wristbands. Clayton will give an update when updates occur.	The committee has no further recommendations
Presenter: Chris Campbell Topic: Standing Report ACS Survey Update	The recorder did not pick up Chris's report. LeAnne advised the committee to spend time looking at the PRQ as there are a lot of new nuances to the platform as well as things that are different from what the PRQ is asking for vs what the standard is asking for. She believes the revision coming out is supposed to close the gap between those two things and provide clarification based on the questions and requests from the feedback submitted through the platform.	The committee has no further recommendations



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Presenter: Brett Dodwell Topic: Trauma Research Workgroup Update - Torniquet Data Submission - Top 5 Mechanisms by Zip Code	Brett gave a quick update and added to LeAnne's comment. Jorie asked him to publish the DSHS 2024 Gap Analysis Document published this week on the TTCF website (TTCF.org). The document is on the home page. Tourniquet data submission 2022 tourniquet data from the RAC was reviewed at the last meeting. He gave a reminder if they had not submitted their tourniquet data to please do so. Top Five Mechanisms by Injury The heatmap is finally coming to fruition and ready to be presented to the committee and the board for approval. The committee approved it to go to the board. Once approved by the board it will be put on the SETRAC website. Grace share and discussed how to maneuver through the heatmaps.	The committee has no further recommendations
Presenter: Andrew Hiriart/Jessica Yell Tropic: Q1-Q4 2022 Regional Data Review	Andrew introduced Jessica Yell who will co-lead the data subcommittee meetings reporting on pediatric data. Andrew reported on the adult and pediatric data at this meeting. Adult Data - Total patients by designation - Continue to trend upward for Level IV facilities. - Level by ISS - The numbers of records with missing ISS scores from Level IV facilities has increased from previous quarters, the most of which were in Level IV facilities (possibly due to the use of Maven which does not require an ISS score). Level IV facilities have a higher number of high ISS score patients, possibly due to location and neuro capabilities. - ISS with mortality rate – This data will be trended to review the mortality percentages for the higher ISS scores at lower designated facilities. Non-designated facilities reported a jump in the number of mortalities; however, the total is less than reported for the previous years. - Mortality by Age – This report has been revised to meet the age	The committee has no further recommendations



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	group criteria of the new RAC self-assessment that will be implemented in August 2023. • Mechanisms of Injury – Mechanisms have not changed much over the years. Firearms, struck by against, and cut/pierce categories will be reviewed to determine the number of intentional and unintentional injuries. • Transfer In vs Outcome – Level IVs have a higher number of patients transferred in than Level IIIs, possibly due to patient choice and neuro capabilities. Pediatric Data • Total Volumes by Quarters – Total trauma patients by most levels appears to have stabilized with not much upward or downward trending for 2023. • Level by ISS – There continue to be records with missing ISS scores from Level IV facilities, possibly due to the use of Maven (which does not require an ISS score) and patients being transferred prior to receiving an ISS score. Level IV facilities have a higher number of high ISS score patients, possibly due to location and neuro capabilities. • ISS with Mortality Rate – Level I facilities show two (2) patients with a mortality for 2022. Level II and Level IV facilities show one (1) patient and five (5) patients respectively. No mortalities were recorded for the non-designated facilities. • Top 5 Mechanisms of Injury – The “struck by against” and “motor vehicle occupant” categories have traded places back and forth over the years. Falls continue to be the leading cause of trauma. Future reports will include an age breakdown for the top 5 mechanisms of injury. A firearm injury report will be produced to include age ranges as well as the intent. • Transfer In vs Outcome – Level I facilities reported a mortality rate of 0.38% for 2022. No mortalities were reported in the other designated trauma levels.	



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Presenter: Andre Ruby Topic: Pediatric Committee Update	Eric Parmley reported for Andre he stated that one of the pediatric committee goals and initiative besides being a resource and communicating with other committees will be to organize pediatric best practices and resources for hospitals in the community. With the cooperation of Texas Children's Memorial Hermann and Texas Children's as the two major pediatric centers coming up with best practices for the region will help streamline and facilitate the best care for patients in the region. They are preparing a questionnaire that will be sent out asking questions on patients, injuries, medical decision making, and processes to streamline a regional best practice policy.	The committee has no further recommendations
Presenter: Kristen Beckworth Topic: Injury Prevention Committee Update	Kristen Beckworth reported the fall prevention workgroup is working on putting together a community event in the fall in partnership with present 2 at Commissioner Adrian Garcia's request. If anyone is interested, please let her and the committee know. The committee is working on setting goals for the upcoming fiscal year. Texas Children's Hospital in partnership with Children's Memorial Hermann is having their CAPE Day (Child Abuse Prevention and Education) April 2024 they are currently looking for speakers. Their next meeting will be in August.	The committee has no further recommendations
Presenter: Kat Samuel Topic: Stop the Bleed Subcommittee Update	The STB workgroup met prior to the committee meeting they had a big meeting attendance. They are developing a train the trainer program for the region. There will be a train the trainer class at SETRAC in the SETRAC Conference Center on September 6 th at 1:00 pm a link to register will be available August 1 st . They had an opportunity to do a stop the bleed training with the Houston Astros staff that went very well. Kat believes there will be more trainings with them in the future.	The committee has no further recommendations
Presenter: Chris Collier Topic: EMS Committee Update	Clayton reported that the EMS next meeting is July 21 st . They selected new membership a couple of months ago. They are engaging in best practices for the region.	The committee has no further recommendations



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Open Discussion	Suzanne discussed the zoom option. Suzanne stated that she is open to ideas from the committee she will put them together and present them to leadership and from there present them to the board. LeAnne was in favor of a hybrid option due to schedules, commute, gas mileage, etc. and advised that hybrid works only if the technology works meaning using every aspect of it (camera on, engaging, etc.). Suzanne will advise at the next meeting the board's decision.	The committee has no further recommendations
Adjourned / Next Meeting	There being no other items for discussion, the meeting was adjourned. Next Meeting will be held Thursday September 7, 2023, at 2:00pm to 3:30pm - SETRAC – In Person Meeting	Code Words Rain/Sun
Attendees	Genna Lebrano, Michaila Richard, Kacey Hahn, Corie Marquez, Joshua Samp, Vickie A. Hipsher, Nancy McKelvy, Brett Dodwell, Stephen Mora, Future Johns, Eric Parmley, Hoan Pham, Kristen Beckworth, Tammy Kristynik-Moeller, Charles Cox, Jessica Vickers, Mark Kelton, heather Walters, Katie Fisher, Elizabeth Rothrock, Bridgett Enloe, Shabnam Chaugle, Cortney Terry, Melanie Gander, Elizabeth Breaux, Holly Morales, Elizabeth Michel, Alfonso Ortiz, Neil Grieshop, Benjamin Shapley, Kodieann Davis, Jennier Cole, Howard Pryor, Julie Matson, Timothy Hodges, Jessica Yell, Andrew Hiriart, Sarah Beth Abbott, Ata Ahmad MD, Emmanuel Oke, Rebecca Croker, Michaila Richard, Leslie Miller, Tammi Culp, Joshua Laslie, LeAne Young, Robin Hazlett, Sarah Black, Catherine Seger, Robin Hazlett,	