



SETRAC Trauma Data Registry Subcommittee

Thursday November 2, 2023
SETRAC Conference Center, 1111 N. Loop West, Suite 160, Houston, TX 77008

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TOPIC	DISCUSSION/RECOMMENDATION	ACTION/FOLLOW-UP
Presenter: Andrew Hiriart Topic: Call to Order/Approval of Minutes	Andrew Hiriart called the meeting to order. The minutes from the meeting on September 7, 2023, were 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: Jessica Yell Topic: New Business 2023 Q1-Q2 Data Pediatrics/Adult	Andrew Hiriart started the meeting with the 2023 Q1-Q2 pediatric data. Pediatric Q1 -Q2 2023 Data Report The pediatric data report included data for 2,081 pediatric records from 32 facilities the report included patients ages 15 and younger treated at all reporting facilities, not specifically pediatric trauma facilities. The Total Volumes by Quarters – Total trauma patients by most levels appeared to have stabilized with not much upward or downward trending for 2023 with exception of Level I facilities which has seen an increase in patients following 3 straight quarters of a decreasing trauma patient status. Level by ISS – The number of patients brought to hospitals by EMS appear to be taken to the appropriate facilities. ISS with mortality rate – Level I facilities show nine patients with a mortality for Q1-Q2 2023. Unlike Q1-Q2 saw patients with a mortality in Level III and IV facilities. Submersions are no longer included in the data and additional information will be sought to determine how close this mortality data is to the actual numbers. Top 5 mechanisms of injury – There have been no changes to the order of the top 5 mechanisms of injury from the previous quarter, with falls continuing to be the leading cause of trauma. A firearm injury report has been produced to include age ranges and the intent. The report has been provided to the Firearm Safety Work Group. Transfer In vs Outcome – Level I facilities reported a mortality rate of 0.3% for 2023. No mortalities were reported in the other designated trauma levels. Adult Q1-Q2 2023 Data Report Andrew Hiriart reported on 13,743 adult records from 33 facilities. Patients included in the adult report are ages 16 and older and include patients treated at a pediatric facility. Total patient by designation – Total trauma patient numbers trended up for Q2 2023, especially for Level I facilities	The committee has no further recommendations.



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	where May and June saw a large uptick. Level by ISS- Level IV facilities continue to have records with missing ISS scores, possibly due to the use of Maven which does not require an ISS score. Level IV facilities have a high number of high ISS score patients, possibly due to location, patient preference, and neuro/ortho capabilities. ISS with Mortality Rate This data will be trended to review the mortality percentages for the higher ISS scores at lower designated facilities. Arrival Method by Level – This now includes ISS. The data shows 4 patients with ISS ≥ 25 transported by helicopter to Level IV facilities. This report will be included in future quarterly reports. Mechanisms of Injury – The order of the top 5 mechanisms of injury have not changed from the previous quarter. Firearm by intent is now being reviewed by the firearm workgroup. Andrew thanked Suzanne, Carman, and Grace for their help with the data and slides.	
Presenter: Brett Dodwell Topic: Standing Reports Trauma Research Workgroup Update	Andrew reported that the trauma research workgroup will be ad hoc until a new project. Suzanne brought up EMS and asked is it worth putting something together for the research workgroup to dig down in the data to see where they are taking the patients to be shown in the EMS and trauma committee. They will ask Brett if this is a project that the workgroup can take on with some people from the EMS committee.	The committee has no further recommendations.
Presenter: Rebecca Crocker Topic: Standing Reports ○ Trauma Registrars Workgroup Update	They are planning on doing another workshop in February and will meet offline soon. Suzanne spoke with ESO they showed interest in sponsoring the February workshop. The workshop in February will be in person. The zoom option was discussed it will not be offered at the February workshop. They had a good turn out at the May workshop. Trauma Level I and IIs have to have 8 hours trauma registry specific education per year 24 for the cycle. Andrew suggested having a meeting before Thanksgiving to discuss the workshop further.	The committee has no further recommendations.
Presenter: Rebecca Crocker/Chris Campbell	Rebecca reported the state rules were pushed back again. January 19th is the new tentative date. Suzanne advised they are not planning to have a	The committee has no further recommendations.



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Topic: Complications and State Rules Workgroup Update	public meeting. In the DSHS rules if more than 20 entities request an open meeting they will have the public meeting within our RAC alone, we can request it. Suzanne will set a meeting to discuss the rules at the RAC Tuesday January 30 th . Pediatric readiness the new rules are going to reflect the ACS 2014 guidelines for Levels IIIs and IVs. What the orange book says for pediatric it's going to be pulled over to the DSHS rules for pediatric readiness which is going to be a big push.	
Open Discussion ○ Trauma Day ○ RAC Wide Data Validation Exercise	Suzanne brought trauma day to the committee for their suggestions. Trauma day would bring all the committees and subcommittees on one day every other month on the first Thursday which would be good for collaboration. Dr. Wilson the chair of the trauma committee is working hard to get vendors to sponsor lunch for trauma day and show a 15-minute presentation to the group. It will be a great way to get people to come to the meetings in person. Workgroups will be virtual meetings and report at the committee and subcommittee meeting. The dates were sent to the chairs and co-chairs everyone agrees once passed by the trauma committee it will be official. Proposed Meetings and Times 9:00am-10:00am – Trauma Data Subcommittee 10:00am-11:00am – Injury Prevention Committee 11:00am-12:15pm – Lunch (sponsored by vendor) 12:15pm-12:30pm – Vendor Presentation 12:30-1:30pm – Pediatric Committee 1:30pm-3:00pm – Trauma Committee There will not be any data to report at the January 4th meeting. Andrew will report on the IRR data. RAC Wide Data Validation Exercise Andrew reported one of the goals from the trauma committee was to do a RAC Wide Data Validation Exercise. He volunteered the trauma data subcommittee to take on the task. Andrew presented an IRR Worksheet with 10 scenarios on firearm coding to see how the RAC, Texas, and US, is coding firearm data there is some discrepancies and difference in	The committee has no further recommendations.



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	coding they are working with the firearm workgroup to see what the intent is for firearm injuries. ICD-10 codes for firearm specifically have everything to do with intent. Whether it's an accident, self-inflicted, intentional assault and also the type of weapon. The codes are very specific to type of weapon and intent if not coded correctly it skews the data and affect injury prevention. The question is are we trying to prevent suicide, assault, or gun malfunctioning there are so many different subcategories. It's very important because it drives the PI processes in the wrong way if the data is wrong. If following ICD-10 rules it states if undetermined intent or conflicting stories ICD-10 says code it as an accident. The ICD-10 Codes were discussed. The scenario was made to see what codes the RAC is coming up with and what the answer should be. Suzanne will send the IRR exercise out through the listserv it can be done individually or as a facility. The exercise can grow as we go along and after which it can be used as a RAC guideline on coding firearm. Andrew would like to teach a class on coding firearm injuries at the next trauma registry workshop.	
Next Meeting /Adjourned	There being no other items for discussion, meeting was adjourned. The next meeting – Trauma Day, January 4, 2024, new time 9:00am – 10:00am	Code Words Fake/Fall
Attendees	David Shacklett, Elizabeth Rothrock, Gloria Bagshaw, Eric Parmley, Brittany Salazar, Christine Campbell, Ben Shapley, Julie Matson, Trey Babino, Robin Hazlett, Jessica Vickers, Kristal Whittington, Christy Gonzales, LeAnne Young, Andrew Hiriart, Kara Smith	