



SETRAC Trauma Data Registry Subcommittee

Thursday July 6, 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 March 2, 2023, were approved. Attendance will now be tracked by going to www.setrac.org/trauma . This is where you will enter your code words. The May 4th Meeting was canceled.	The committee has no further recommendations.
Presenter: Andrew Hiriart/Jessica Yell Topic: New Business - Introduction of New Trauma Co-Leader - Jessica Yell	Andrew introduced Jessica Yell, BSN, RN, CEN, Performance Improvement Coordinator with Memorial Hermann TMC as the co-leader of the data subcommittee who will be reporting on the pediatric data.	The committee has no further recommendations.
Presenter: Andrew Hiriart/Jessica Yell Topic: New Business 2022 Data Review	Andrew Hiriart reported on the adult and pediatric 2022 data for this meeting in future meetings the reporting will be split with Andrew reporting on the adult data and Jessica reporting on the pediatric data. Adult data report included adult records for 27,880 from 31 facilities. Patients included in the report were from ages 15 and older and included patients treated at a pediatric facility. Total trauma patient numbers continue to trend upward for level IV facilities. Level by ISS – The number 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 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 – 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 – The report has been revised to meet the age grouping 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	The committee has no further recommendations.



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	due to patient choice and neuro capabilities. Pediatric Report The pediatric data report included data for 3,780 pediatric records from 31 facilities on pediatric patients ages 14 and younger. The total volumes by quarters – Total trauma patients by most levels appeared 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 patients with a mortality for 2022. Level II and Level IV facilities saw one patient and five patients respectively. No mortalities were recorded for the non-designated facilities. Mortality by age – This report has been revised to meet the age grouping criteria of the new RAC self-assessment that will be implemented in August 2023. 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. There have been challenges with getting autopsy reports from Harris County Medical Examiner's office across the RACS due to changes in management. Suzanne asked if she could get reports from facilities on issues, they are having getting the reports and she will take it to Lori Upton. LeAnne with TCH advised when utilizing Maven sometimes it defaults to the incorrect AIS year if it is not set to 2008 it drops the ISS. The RAC is continuing to educate on how NTB and TQIP want the data reported and captured.	



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Presenter: Rebecca Crocker Topic: Standing Reports ○ Trauma Registrars Workgroup Update	Rebecca Crocker advised that the trauma registrars' workgroup will be scheduling a meeting to plan their next trauma registry workshop. They received great feedback with ideas and topics for the next workshop that will be sometime in the fall. If anyone is interested in becoming part of the planning committee was asked to contact Rebecca or Andrew, they do not have to be a speaker. They had great in person attendance and lunch was provided by ESO. For the second offering in the fall, they are looking to offer hybrid to give those that can't attend in person the opportunity to attend.	The committee has no further recommendations.
Presenter: Rebecca Crocker/Chris Campbell Topic: Complications and State Rules Workgroup Update	Chris Campbell advised that there is a new timeline that states the rules will be released for comment in December and will close either January or February 2024 giving 31 days to comment she is not sure if its 31 business days or 31 physical days. Once the comments are in, they go back to the rules committee and if adopted they will be released in April 2024 and go live September 2024. There were no updates for complications.	The committee has no further recommendations.
Presenter: Brett Dodwell Topic: Trauma Research Workgroup Update ○ Top Mechanisms by Zip Code ○ Tourniquet Data Submission	Brett Dodwell advised the trauma research workgroup will meet after the data subcommittee meeting; he will report out at the trauma committee meeting.	The committee has no further recommendations.
Open Discussion	At the last Trauma committee meeting one of the committee goals Dr. Wilson wanted to accomplish was to do a RAC wide data validation exercise. Andrew took the task on as one of the leaders of the data subcommittee since they are the data review committee. He and Brett frequently lecture on the subject as well. He would like to do a RAC wide data validation exercise each quarter to achieve multiple things. It has never been done which will open up the floor for excellent research projects, poster presentation for TQIP, and achieve assistance for level IIIs and IVs that have an isolated trauma program manager that is also the registrar. Andrew shared some scenarios he created and utilized with	The committee has no further recommendations.



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	another organization as part of the course. Scenarios that are designed for a level IV facility that would typically transfer out a patient for a higher level of care. A scenario specific to a Level III facility with a neurosurgical capability an isolated head injury patient where they would keep the patient. The mega Level I scenario polytrauma head to toe injury admitted and then to the OR and within the scenarios a code section. The data would be sent back to the RAC for review and discussed at one of the meetings. It is a work in progress a lot of collaboration was had on the topic. Next step at the September meeting Andrew will present the scenario and a time frame. The opportunity was given for ideas, suggestions, slides, scenarios to bring to the next meeting where the workgroup would pick a final scenario to send to the facilities. The subcommittee will report out to the trauma committee on what was discussed. Andrew announced that this meeting will be the last time there will be a call-in option as the data subcommittee will be in person only due to data being shared.	
Next Meeting /Adjourned	Thursday, September 7, 2023 There being no other items for discussion, meeting was adjourned.	Code Words Hot/Tamale
Attendees	Vickie Hipsher, Nancy McKelvy, Brett Dodwell, Stephen Mora, Kristal Whittington, Eric Parmley, Funmilayo Adesegun, Gloria Bagshaw, Corie Marquez, Julie Matson, Adam Fitzhenry, Holly Morales, Janett Teran, Andrew Hiriart, Jessica Yell, Benjamin Shapley, Trey Babino Rebecca Crocker, Joshua Laslie, Tammi Culp, Robin Hazlett, David Watson, Elizabeth Breaux, LeAnne Young,	