

State Trauma Advisory Subcommittee
February 7, 2023
Bureau of EMS, Trauma & Preparedness
Lansing, MI

Attendees: Kelly Burns, Sarah Hughes, Dr. Gaby Iskander, Dr. Howard Klausner, Amy Koestner, Dr. Chris Milligan, Dr. Ryan Reece, Kevin Wilkinson, Dr. Wayne Vanderkolk

Absent: Sarah Helveston (phone secondary to inclement weather)

Guests: Helen Berghoef, Emily Bergquist, Stephanie Bliss, Aaron Brown, Doug Burke, Tammy First, Deb Detro-Fisher, Jill Jean, Denise Kapnick, Lyn Nelson, Eileen Worden

Call Order: 8:31 a.m.

Welcome, roll call, vote for STAC Chair 2023: Dr. Iskander called the meeting to order, roll call was conducted, quorum present. The vote was held to select a chair for 2023, Amy Koester was voted chair.

Approval of minutes: December 6, 2022, meeting minutes approved

Old Business:

- ❖ **SOC Report:** Katelyn Schaibly SOC Unit Manager gave a report on the progress of systems of care for stroke and STEMI. The draft Administrative Rules have been submitted the discussion around any refinements needed in the language is ongoing, process appears to be on the expected timeline.
- ❖ **EMSCC Report:** Eileen reported on the EMSCC meeting held on January 20. The EMS Workforce/Education grants were discussed. In this first round, 42 grants were reviewed and 31 were funded. Emily presented information on the total number of licenses issued for EMS in 2022 (2,800 issued and 2122 lapsed). Providers licensed but not affiliated with a service (all levels) was 9,211. The Medical Control Authorities (MCA) are participating in an assessment of all the MCA's in Michigan. There was a robust discussion around inbound and outbound patients that began with a request by the MCA subcommittee to organize an ad hoc committee about patient movement and transfers. Many of the gaps and challenges were raised; formalizing definitions, workforce, payment, lack of available bed space for the nursing home bound or patients with mental health issues needing admission. The Michigan Hospital Association rep stated that they are aware of the situation particularly in the UP and have been working to address. BCBS was mentioned as being concerned about the issues. Also noted was this is a multifactorial issue.
- ❖ **Field Triage:** The *Adult/Pediatric Trauma Triage* has been approved by the Quality Assurance Task Force and is out to the MCA's. Next steps will be to plan and implement education around the revised protocol.
- ❖ **Strategic Plan 2023:** Eileen presented on the progress with the Strategic Plan draft. The workgroups have been formed the first group System Assessment held their first meeting in January. The other workgroups have their meetings scheduled as well.
- ❖ **REH Update:** Eileen reported that the Governor signed PA 265 of 2022 on December 22, 2022, creating the REH designation in Michigan. Eileen noted that there is a process that a facility will

need to follow to apply for this category and that there was some discussion nationally, if losing the revenue from inpatient beds for the REH status makes fiscal sense.

Rehab Project: Dr. Clare Tanner updated the committee on the next phase of the rehabilitation project that will consider the Patient Journey through the rehab process. The proposal is intended to explore with a finite set of injured patients, their perspective of how they participated in the journey of rehabilitation from an injury. Work will include the impact on family, community support and the system. Dr. Tanner presented to the group the proposed inclusion/exclusion criteria, asked for input on sample size and diversity including type of injury (multi trauma, slip and fall, TBI, penetrating injury), frequency of the contacts, which type of trauma facility should be considered for an invitation to participate and data to be collected. Dr. Milligan had questions about the proposed sample size and what could be considered reflective of the system. Dr. Tanner commented that the proposed sample size is small the results can inform future questions and considerations. Eileen mentioned that there was discussion at the Trauma Quality Improvement Program (TQIP) about a pilot project to measure Patient Reported Outcomes in a pilot project with 100 hospitals. They will ask trauma survivors 12 questions that are designed to measure functional outcomes and report on the findings. A discussion is planned with MTQIP about the subject of measuring functional outcomes.

Verification/Designation: Tammy First provided an update on the number of verified/designated trauma facilities (103). Currently, 8 visits are scheduled through April, 14 hospitals are in the queue awaiting initial site visits. 2 hospitals, one in Region 2S and one in Region 5 did not receive verification and 1 hospital in Region 5 did not receive re-verification/designation. The Designation Subcommittee will meet on March 7th to review 5 in-state site reports and up to 3 ACS designation applications.

Data Report: Stephanie Bliss **lead the discussion on the *State of Michigan Trauma System Report Statistical Summary (Unadjusted) from MTQIP (issue date Jan 2023)***. As a group we reviewed the following information from the report: number of patients over time (new trend graph), patients by age, mean ED dwell time over time, patients by mechanism, and mortality all. Eileen noted the number of injured in the 55-84 y.o. category (36,561) compared to the <16-54 y.o. (22,362) and falls remains the number one mechanism of injury as well as some of the potential trends related to COVID and number of injuries and ED length of stay. Registry/Data Office hours are planned for May. Jill Jean brought to the attention of the STAC, there has been additional data being reported outside the NTDS required data elements by the ESO uploading facilities, since 2021. This is due to the ITDX file format that was required by the SOM in order to keep collecting the EMS data elements which were dropped in 2021 by NTDB/TQIP. Stephanie pulled data from the registry and analyzed in SAS for physical discharge vs orders written for ED/acute care and facility. Jill and Stephanie met to review the data as part of the ongoing data quality efforts. The STAC was made aware that ITDX does not retire any data element fields, therefore, it is possible additional data may be transferring to the SOM data repository. The STAC asked to investigate what additional data is being captured above and beyond the NTDS required data elements and report back. Jill Jean will be meeting with ESO to address inconsistencies in the ITDX data dictionary compared to NTDS data dictionary.

New Business:

- ❖ **State Trauma System Annual Report:** The annual report was sent with meeting materials. Of note, 2022 marks ten years since the system began formal operationalization.
- ❖ **Regional Annual Reports for 2022-2023:** These reports were sent with the meeting materials.

- ❖ **PI Training:** There are plans in discussion for a project around PI focused training for Level IV facilities. This will hopefully result in a multimodality curriculum. Eileen reports that hopefully there will be a product by the end of 2023 or early 2024.
- ❖ **System Support Grants:** Eileen reported that there will be another grant round structured very similar to the previous grant cycles with the exception that there will be an opportunity for facilities beginning to consider Systems of Care work for stroke and STEMI to request consideration for their application. Details are being finalized and an announcement is expected soon.
- ❖ **Conference:** Planning for the virtual MCA/Systems of Care conference is underway. The conference will be held September 27 and 28 in the same format as the previous conferences. A Save the Date will be out soon.
- ❖ **TQIP takeaways:** Eileen reported attending the virtual sessions of the conference. Of note all the registry sessions were available only to in-person attendees (1,600 attended in person and 900 virtually). The keynote speaker presented on compassion fatigue and its impact on care quality. Dr. Nathens commented on the challenges of PI that it is “complex, prior success is not a guarantee of future success, past experience and expert advice is only a starting point and a formulaic approach might lead to resentment.” He informed the audience that the “Charcoal” book has already been revised and to use the December 2022 edition. Also mentioned was the plan by the ACS for a “National Emergency Preparedness System” similar to what already exists in Michigan (Regional Med Operations, trauma, public health). Eileen commented on the survivor story that included the fact that the 4-year-old injured patient was transfused using and Adult MTP.
- ❖ **Staffing update:** The Region 5 Regional Trauma Coordinator position has been posted until February 13.

10:30 a.m. Adjourn

The next STAC meeting will be held Tuesday April 4, 2023, from 9:00-11: a.m. at Lansing Community College-West Campus.