

MICHIGAN REGIONAL TRAUMA REPORT

3rd QUARTER 2021

Region 3

Statutory Reference: R325.132 Rule 8 (3) (a) At least quarterly, a region shall submit evidence of ongoing activity, such as meeting notices, minutes to the department.

Resource Update: Facility Designation Status:

Facility Name	Designated	Level of Designation
Hurley Medical Center-Flint (Adult-I, Peds-II)	Yes	I
Ascension Genesys Medical Center-Grand Blanc	Yes	II
Ascension St. Mary's-Saginaw	Yes	II
Covenant Medical Center-Saginaw (Adult/Peds)	Yes	II
McLaren Lapeer Region-Lapeer	Yes	II
Mid-Michigan Medical Center-Midland	Yes	II
McLaren Bay Region-Bay City	Yes	III
McLaren Flint-Flint	Yes	III
Ascension St. Joseph-Tawas	Yes	IV
Ascension Standish Hospital-Standish	Yes	IV
Deckerville Community Hospital-Deckerville	Yes	IV
Harbor Beach Community Hospital-Harbor Beach	Yes	IV
Hills and Dales General Hospital-Cass City	Yes	IV
Marlette Regional Hospital-Marlette	Yes	IV
McKenzie Memorial Hospital-Sandusky	Yes	IV
McLaren Caro Region-Caro	Yes	IV

Scheurer Hospital-Pigeon	Yes	IV
McLaren Thumb Region-Bad Axe	Yes	Provisional IV
Mid-Michigan Medical Center-Gladwin	Yes	Provisional IV
Mid-Michigan Medical Center-West Branch	Yes	Provisional IV

Work Plan Objective Progress and Highlights:

Injury Prevention

Objective: The Region 3 Trauma Network will develop a regional injury prevention plan and have it in place by 2021.

Progress: The Region 3 Injury Prevention Subcommittee has increased the frequency of their scheduled meetings. The increased meetings have been helpful communicating and executing workplan objectives. The regional injury prevention plan has been completed and will be formally introduced at the next Region 3 Trauma Network meeting in October. Trauma program staff from multiple trauma centers have collaborated to provide injury prevention education at events across the region. This increased the ability of smaller trauma centers to provide injury prevention education opportunities within their communities that they were previously unable to provide alone.

Communications

Objective: The Region 3 Trauma Network will develop a written contingency communication plan to be used when scheduling inter-facility transports during a radio or telephone failure. This plan/protocol will be developed by December 2021.

Progress: The Region 3 Trauma Network understands there exists a need to create a process around how to aggregate and communicate region-wide resource inventories specific to the care of the trauma patient including knowledge about injuries for which the region's trauma centers cannot care and accept the transfer. Similarly, this process could also communicate when that capability has been restored. The RPSRO Chairperson has provided an example of a process that was created in Southwest Texas to provide system-wide resource awareness and communication that has been operationalized. Also discussed was an article published in The American Journal of Surgery titled "A Regional Medical Operations Center Improves Disaster Response and Inter-Hospital Trauma Transfers". The region will continue to discuss and investigate alternative pathways and system processes to improve trauma patient flow, cooperation, and communication not only in the event of a communication failure but in its day-to-day operation. A draft regional communication capabilities template is being created as a possible starting point to begin this process.

Infrastructure

Objective: The Region 3 Trauma Network will develop a survey to evaluate Trauma Medical director and MCA Medical Directors or their designee's involvement in the Regional Trauma Network.

Progress: The survey to evaluate the region's Trauma Medical Director and MCA Medical Directors or their designee's involvement in the Regional Trauma Network has been created. The survey will be discussed and then disseminated following the October Region 3 Trauma Network meeting. The results of the survey will be examined, and will continue to encourage active participation with regional trauma activities such as protocol review, oversight, and development.

Regional Performance Improvement

Objective: The Region 3 RPSRO will utilize the RPSRO Inventory as a tool to monitor the performance improvement of the trauma system.

Progress: The Region 3 RPSRO has recently utilized the Regional Performance Improvement Tracking Tool regarding concern for a trauma diversion issue that was identified and referred to the RPSRO for review. The review identified a gap in communication regarding the availability of resources within the region. The group proposed several strategies to be investigated to reduce the burden upon the referring trauma center when attempting to transfer critical trauma patients.

Continuum of Care

Objective: By December 2021, the Region 3 Trauma Network will establish a regional rehabilitation subcommittee as the first step to developing a plan for the integration of rehabilitation services into the regional trauma system.

Progress: The initial work of this objective as stated has been met, discussions continue with trauma program managers, trauma medical directors, discharge planners, trauma registrars and health information management staff to better understand rehabilitation referral patterns. The goal of the region is to measure functional outcome as a performance indicator of the trauma system. The Region 3 Trauma Network is eager to partner with the Michigan Trauma System as the next step in a maturing trauma system.

Trauma Education

Objective: The Region 3 Trauma Network will develop a list of recommended standardized trauma training courses for each discipline including EMS, nursing, and physicians. The education list will be in place by December 2021.

Progress: The Region 3 Education Subcommittee has met and discussed various trauma specific training courses for each discipline. The subcommittee has reviewed the American College of Surgeons recommended trauma courses such as Advanced Trauma Life Support (ATLS), Pre-Hospital Life Support (PHTLS), Trauma Nursing Core Course (TNCC), and Trauma Care After Resuscitation (TCAR). The subcommittee has discussed both required and recommended trauma specific education courses and how to encourage funding additional education opportunities. The subcommittee is on schedule to meeting this objectives target date of December 2021. The Region 3 Education Subcommittee continues planning and preparation for its annual Region 3 Trauma Symposium. The symposium has grown in popularity and has had to change venues to accommodate more attendees over the years. A reduction in staffing of key partners across the region has increased the roles and responsibilities for the subcommittee to successfully host this event. The group remains committed to providing this event as it fills a vital role locally within the region regarding the latest trends and emerging science in trauma care.

Other relevant information:

Recent discussions at regional trauma meetings have Improved communication amongst trauma providers and stakeholders that has led to increased transparency and the identification of regional opportunities for improvement. The region continues to be challenged with trauma staff turnover and increased job duties being placed upon trauma program staff and directors. Hospital systems across the region are also strained by staffing shortages that also affects hospital capacity and throughput. The availability of EMS resources remains a concern when patients with time sensitive emergencies such as traumas need to be transported from a referring facility to a higher-level trauma center for definitive care. The 2021 Michigan Trauma System Project grants have had a positive impact within the Region 3 Trauma Network. Many trauma centers have communicated the inability to provide necessary trauma education and purchase basic trauma infrastructure needs because of the financial impact of the COVID-19 pandemic without the addition of these grants. Recently, two trauma centers have successfully completed virtual site visits with the American College of Surgeons. Staff that have participated in a virtual site review were invited to share their knowledge and tips for a successful virtual site visit with other centers awaiting this new process.

Administrative Rule Requirements:

- Yes No Quarterly meeting minutes on shared drive.
- Yes No All MCA's participating in the RTN.
- Yes No Performance improvement ongoing.