

MICHIGAN REGIONAL TRAUMA REPORT

3rd QUARTER 2021

Region 2N

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
Ascension Macomb/Oakland-Warren	Yes	III
Ascension Providence-Nov	Yes	II
Ascension Providence-Rochester	Yes	III
Ascension Providence-Southfield	Yes	II
Beaumont-Farmington Hills	Yes	II
Beaumont-Grosse Point	Yes	III
Beaumont-Royal Oak	Yes	I
Beaumont-Troy	Yes	II
Henry Ford-Macomb	Yes	II
Henry Ford-West Bloomfield	Yes	III
Huron Valley Sinai	No	III
Lake Huron Medical Center	Yes	III
McLaren-Macomb	Yes	II
McLaren-Oakland	Yes	II
McLaren-Port Huron	Yes	III
St. John Macomb/Oakland-Madison Heights	Yes	IV

St. John-River District	Yes	IV
St. Joseph Mercy-Oakland	Yes	II

Work Plan Objective Progress and Highlights:

Complete sections that have progress within the quarter.

Injury Prevention

Objective: The RTN is active in the monitoring and evaluation of Injury Prevention activities and programs.

Progress: The injury prevention committee continues to meet quarterly via MS Teams. The committee continues to monitor handgun violence/suicide attempt. Matter of Balance training for instructors has been planned. With falls being the highest cause of traumatic injury, the region is making this the primary focus.

Communications

Objective: During the 2020-2023 application period, the RTN will continue to monitor regional EMS communication procedures for major EMS (mass casualty) events that are multijurisdictional and coordinated with the incident management system.

Progress: August 2nd was the go live date for the region to begin initial training and installation of the eBridge app on hospital and transporting agencies equipment. During the last quarter, the region has been working with General Devices on the layout of alerts that will be available to providers, what the educational training material will look like, and how to rollout the training. Macomb and St. Clair MCA reps have met repeatedly with GD on getting their stakeholders up and running.

Infrastructure

Objective: By December 31, 2023, the RTN, with the assistance of the RPSRO, will develop a system to collect data that will allow for the monitoring of interfacility transfers.

Progress: With the use of Biospatial, analytical reports are available that will give a snapshot into the decision making by EMS, the hospital capability, and why the destination was chosen. This will also allow tracking of patients that were taken to a lower-level trauma center and later transferred to a higher-level trauma center. Biospatial is allowing aggregate reports to be generated that are highlighting gaps with areas of opportunity to create more complete and valid patient records on the front side that will allow for a deeper dive into how field triage and destination decision making is working. Trauma administration is working on data use agreements for the trauma coordinators that will allow for the aggregate data to be shared within the respective RPSRO's.

Regional Performance Improvement

Objective: During the 2020-2023 application period, the RPSRO in collaboration with the RTN and RTAC, will continue to develop additional methodologies to evaluate and improve system performance.

Progress: Analytical reports through Biospatial that are being pulled through each MCA are beginning to allow assessment and evaluation of the field triage/destination protocol as required by the administrative rules. The RPSRO will be presented with these reports as they become available. In addition, the RPSRO inventory data will be discussed to identify any gaps in the region. There have been incremental steps made at pulling useful data to evaluate the overall system through Biospatial. There is excitement within the RPSRO at the possibilities that Biospatial offers.

Continuum of Care

Objective: By December 31, 2020, the RTN, with participation of the RTAC will identify regional rehabilitation resources through the completion of the RPSRO Inventory.

Progress: There has been no progress with this objective during this quarter.

Trauma Education

Objective: During the 2020-2023 application period, the RTN will monitor the process utilized by the medical control authority's (MCA's) and/or R2N Education Committee, to educate all personnel on new protocols, treatment plans, and procedures while assuring compliance.

Progress: During this quarter, TXA was implemented in both 2N and 2S. The education was administered via each MCA and any use will be tracked through the MCAs.

eBridge communication platform for EMS and hospitals is currently being implemented throughout the region for every hospital and advanced transporting agency. This education is being administered by the MCAs with the assistance of General Devices team. Oakland County has 12 hospitals and 18 ALS agencies using the system. Macomb and St. Clair counties are currently working with their hospitals and transporting agencies to get the system loaded on their devices as well as giving them the initial training. By the end of the year, a regional count of hospitals and ALS transporting agencies will be available.

Other relevant activities information:

Huron Valley Sinai hospital has participated in the State of Michigan's pilot verification/designation site visit. Once designated, 2N will be the first region to have every facility a verified/designated trauma center. Macomb County MCA has requested to the SOM for approval to conduct a pilot study of pre-hospital antibiotic administration for open fractures. They will be partnering with MSU (for the IRB) and a local ALS agency to conduct this study. It is anticipated to begin late September, early October.

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.