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**OCMCA Stroke Systems of Care Special Study  
January 1, 2020 to March 31, 2020**

April 22, 2020

Kathy Wahl, BS, MSN, RN  
Director  
Michigan Department of Health & Human Services (MDHHS)  
Bureau of EMS, Trauma, & Preparedness (BETP)  
Division of EMS and Trauma  
P.O. Box 30207  
Lansing, MI 48909-0207

Dear Ms. Wahl:

Please allow this letter to serve as a quarterly report of the Oakland County Medical Control Authority's (OCMCA) Stroke Systems of Care Special Study to the State QA Task Force and the Bureau of EMS, Trauma, & Preparedness.

The OCMCA is currently in the process of transitioning into Phase 2 of its Stroke System of Care Special Study. Phase 1 of our study began January 1, 2018 and included a total case volume of 82 patients with an EMS differential diagnosis of stroke. As you know, the pilot phase included one fire-based EMS agency and two closely associated interventional stroke hospitals. The pilot phase of this study lasted two years and allowed the OCMCA to identify the strengths and weaknesses associated with our special study education, protocols, and data submission and QA process.

Phase 2 of the Stroke Special Study was initially scheduled to begin April 1, 2020. However, due to the COVID-19 pandemic, Phase 2 implementation has been rescheduled for October 1, 2020. Phase 2 includes the addition of seven EMS agencies and participation from a total of six hospitals that are closely associated with these EMS agencies. The OCMCA had completed the required train-the-trainer education with each agency and had begun to provide live education at the participating hospitals. Currently, all education associated with this study has been suspended. All relevant personnel at each participating agency and hospital will be required to complete all the associated education prior to the October 1, 2020 deadline.

Based on stroke numbers reported by each participating agency in 2019, we anticipate a total stroke case volume of approximately 400 cases after 1 year. Phase 2 implementation has included updates to the special study plan, study protocol, data collection and QA requirements, which were submitted to the State QA Task Force for review and approval. In addition, after two years our pilot agency's involvement in the study has concluded. As a result, the OCMCA will not have stroke data to submit until the 4<sup>th</sup> quarter of 2021.

Please contact the OCMCA with any questions.

Sincerely,

*Steve McGraw*

Steve McGraw, DO  
EMS Medical Director  
Oakland County Medical Control Authority