The research analyzed relationships between patient symptoms, how the heart attack actually complained of chest pain. This means that nearly one third of those who suffer heart attacks may not complain of chest pain. Other symptoms can include shortness of breath, fatigue, nausea, heartburn, dizziness, or pain in other areas of the body.

In collaboration with Crouse Hospital, the effort can be analyzed long-term through the transition from field to inpatient care. Over time, these new protocols could be further evaluated and considered for broader use throughout the region, state, and beyond.

“We are very pleased to be involved in bringing a data-driven, scientific research process into the development of emergency medical protocols,” said Hogue, speaking on behalf of the partnership. “Finding a way to combine objective experiences with scientific data truly has the potential to improve the process and outcome for our patients. We’re all very excited to continue through the final phases of implementation.”

Of note, the project has been accepted for publication in Prehospital Emergency Care and Clinical Pathways in Cardiology. Additionally, the project has been accepted for presentation at the National Association of EMS Physician’s National Scientific Symposium, 15th Annual Society of Chest Pain Center’s Annual Congress, and the New York American College of Emergency Physician Scientific Assembly. The Crouse and Rural/Metro partnership research team are also working collaboratively on multiple other projects that continue to examine various aspects of patient care in the emergency medical services environment.

About Rural/Metro

Rural/Metro Corporation is a leading national provider of 911 emergency and non-emergency interfacility ambulance services and private fire protection services in 20 states and approximately 500 communities throughout the United States. In Central New York, Rural/Metro Medical Services is the region’s largest private emergency medical services provider, with more than 300 employees. The Company serves more than 600,000 residents of a six-county area and is the region’s only nationally-accredited ambulance agency. For more information, visit www.ruralmetro.com or www.ruralmetrosyracuse.com.

About Crouse Hospital

Crouse Hospital has been caring for generations of Central New Yorkers since 1887, with a mission to provide the best in patient care by exceeding the expectations of patients and promoting community health. A private, not-for-profit hospital, Crouse serves more than 23,000 inpatients, 66,000 emergency services patients, and more than 250,000 outpatients a year from a 15-county area in Central and Northern New York.

About Central New York Regional Emergency Medical Services Council

The Central New York Regional Emergency Medical Services Council serves the region of Cayuga, Cortland, Onondaga, Oswego, and Tompkins Counties in Upstate New York. As one of 19 EMS Program Agencies in New York State, CNYEMS assists the Regional EMS Council and the New York State Department of Health to support and help develop regional EMS systems. The program’s role is defined in Section 3003-a of Article 30 of the New York State Public Health Law.