# PRESS RELEASE



- I JOINT TOWNSHIP DISTRICT MEMORIAL HOSPITAL
- GRAND LAKE FAMILY PRACTICE AND PEDIATRICS AT THE CELINA MEDICAL CENTER
- I WAPAKONETA PRIMARY CARE AT THE WAPAKONETA MEDICAL CENTER
- I GRAND LAKE HOME HEALTH
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- GRAND LAKE ENT
- GRAND LAKE OB/GYN
- GRAND LAKE
- I INTERNAL MEDICINE/PEDIATRICS
- DR. GREGORY BERGMAN
- DR. ROBERT GILL

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### August 17, 2009

# AREA HOSPITALS IMPROVING CARE FOR CARDIAC PATIENTS

A cooperative effort between two area health care facilities is enhancing care for cardiac patients in West Central Ohio. Joint Township District Memorial Hospital, an affiliate of Grand Lake Health System in St. Marys and St. Rita's Medical Center in Lima are cooperating as a team to assure that patients needing the appropriate cardiac catherization service are provided the care in the most efficient and effective manner.

Emergency physicians at Joint Township District Memorial Hospital are able through this cooperative program to assume a seamless transportation of appropriate patients to the cardiac cath lab at St. Rita's Medical Center.

The aggressive efforts of St. Rita's Medical Center's outreach program with Joint Township District Memorial Hospital in St. Marys, centering on STEMI diagnosis, has lead to a sustained drop in the Door to Balloon (D2B) time for patients at the Lima, Ohio, facility.

The program has recently been expanded to the next level. Emergency physicians at Joint Township District Memorial Hospital have now been included in the team. The emergency physicians at this nearby hospital have now been empowered to activate the St. Rita's Cath Team from their Emergency Department in St. Marys.

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Door-to-balloon is a time measurement in emergency cardiac care (ECC), specifically in the treatment of ST segment elevation myocardial infarction (of STEMI). The American College of Cardiology/American Heart Association guidelines recommend a door-to-balloon interval of no more than 90 minutes at the PCI (percutaneous coronary intervention) facility. The interval starts with the patient's arrival at the PCI facility, and ends when a catheter guidewire crosses the culprit lesion in the Cardiac Cath Lab. Because of the adage that 'time is muscle', meaning that delays in treating a myocardial infarction increase the likelihood and amount of cardiac muscle damage due to localized hypoxia, it has become a core quality measure for accreditation organizations. Currently, fewer than half of STEMI patients nationwide receive reperfusion with primary percutaneous coronary intervention within the guideline-recommended timeframe.

Through the cooperative effort of Joint Township District Memorial Hospital and St. Rita's Medical Center, this regional approach has a goal of D2B times of less than 90 minutes from the time the patient presents at Joint Township to the time their artery is opened in the Cath Lab at St. Rita's, which exceeds the guidelines recommended by the American College of Cardiology and the American Heart Association.

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