

*Jackson County Medical Control Authority*  
**MICU Protocols**  
MICU TRANSPORT CAPABILITIES

Date: December 2017

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***Mobile Intensive Care Unit Transport Capabilities***

The Mobile Intensive Care Unit (MICU) has advanced capabilities to meet your transport needs. The MICU staff has been trained to transport critical but stable patients. Patient care and treatment are provided through State of Michigan approved protocols and 24-hour on call physician medical direction.

If the patient's stability and treatment fall within the following criteria as covered by the MICU's protocols, the MICU will be able to immediately accept your patient. If the patient is outside of these criteria, the MICU staff will contact our on-call physician and discuss whether the MICU is capable of transporting your patient. Usually the MICU is able to transport. However, if the MICU staff and physician decide the patient is outside our capabilities, we will work with you to explore other transport options, among which are having your hospital staff accompany the patient in the MICU, or utilizing helicopter transport.

**MEDICATIONS**

The following medications are covered by standard protocols, and are pre-approved for transport by the MICU:

Vasoactive Medications - Amiodarone, Dobutamine, Dopamine, Milrinone, Neosynephrine, Nicardipine, Nitroprusside, Nitroglycerin, Norepinephrine.

Beta Blockers - Esmolol, Labetolol

Thrombolytics - Retavase, Streptokinase, TNKase, tPA.

Paralytics - The MICU is able to maintain paralysis with non-depolarizing neuromuscular blockers initiated at the sending facility, with drugs provided by the sending facility.

Other Medications - Other medications covered by protocol – Acetylcysteine, Aggrastat, Amiodarone, Blood products, Cardizem, Heparin, Insulin, Integrilin, Lidocaine, Magnesium Sulfate, Mannitol, Midazolam, Morphine, Nesiritide, Octreotide, Oxytocin, Phenytoin, Procainamide, Propofol, ReoPro, Somatostatin, Valium, and Vasopressin. Other medications not listed above will be reviewed by the MICU on-call physician.

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**VENTILATOR PATIENTS**

The MICU is equipped with a transport ventilator with multiple capabilities including CPAP and BiPAP. Patients need to be stable on the ventilator or device with appropriate oxygenation. Patients with a PEEP greater than 10 will require review by the MICU on-call physician prior to transport.

**ADDITIONAL CAPABILITIES**

The MICU has additional capabilities to care for patients with special needs such as maintaining chest tubes, central lines, pacemakers and monitoring invasive line pressures.

**PATIENT CONDITION AND STABILITY**

The patient must be hemodynamically stable prior to transport.

Our goal is to provide the best and safest transport environment for our patients. While recognizing there is often urgency in transferring a patient to another facility, we see it as essential for safe treatment that a patient be as stable as possible before leaving a facility in a mobile unit.