

**Detroit East Medical Control Authority
SYSTEM**

GUIDELINES FOR TRANSPORTATION OF PATIENTS & SCENE TIMES

Initial Date: September 2016

Revised Date: September 17, 2019

Section 8-3



PURPOSE

To assure the safe arrival of the patient to the most appropriate emergency care center. This protocol is all for basic and advanced life support units.

1. Patients to a Trauma Center

For Patient Triage, Follow Adult-Pediatric Trauma Protocol

1. All patients that are **15** years of age and above must be transported to an Adult Trauma Center (see section 7 for the list of all designated trauma centers in DEMCA).
2. All patients that are **14** years of age and below must be transported to a Pediatric Trauma Center (see section 7 for the list of all designated trauma centers in DEMCA). Consideration for deviation from the protocol may occur under the following two circumstances:
 - a. ***A patient in which the prehospital personnel is unable to establish an airway***
 - b. ***Unavailability of transport routes to a designated pediatric trauma center***

If the patient is not transported to a designated pediatric trauma center, they must be transported to one of the designated adult trauma centers. In the event that a patient is not able to be transported to a designated pediatric trauma center, a written report of the event must be generated within 24 hours and submitted to the Professional Standards Review Committee.

2. Patients to a Burn Center

Follow Burn Supplement Protocol

3. Patients to a Stroke Center

1. Patients who meet the criteria for a Stroke under Stroke/Suspected Stroke Protocol should be transported to the nearest stroke center



Procedures

All possible strokes **require** pre-hospital radio contact.

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4. Chest Pain Transportation Guidelines

Patients meeting the following guidelines should be transported to a receiving center capable of providing definitive surgical intervention for an acute myocardial infarction: All possible acute myocardial infarctions require pre-hospital radio contact and,

if possible, pre-hospital ECG transmission to the receiving site (**ST elevation of 1 mm or more in 2 contiguous leads as demonstrated by the ECG obtained in the field in the setting of patients with the acute chest pain or coronary syndrome.**)

5. Obstetrical

Pregnancy greater than 20 weeks, transport to an OB facility (see section 7 for the list of hospitals). Notify receiving hospital (Priority 1 and 2), as soon as possible, of impending arrival of the patient and give ETA.

Follow Obstetrical Emergencies protocol for treatment

6. All other patients

1. In matters of imminent threat to life or limb, transport to the closest appropriate facility*.
2. Children's Hospital of Michigan ONLY accepts patients under the age of 18
3. Detroit Receiving ONLY accepts patients 18 years of age and over, except for the Trauma patients who meet the inclusion criteria.
4. In matters which are not a threat to life or limb, the patient will be taken to the closest appropriate facility or facility of his/her choice, unless:
 - a. The patient is a minor, or incompetent, the family or guardian may choose the destination facility.
 - b. Transportation to the chosen facility removes the EMS vehicle from the service area for an extended time. Consult medical control and an alternative may be considered.
5. No other individuals are permitted to determine destination of patient without prior approval of on-line medical control: (police, fire, bystander physician, etc.)

**Closest appropriate facility may be a facility capable of providing definitive care or, if definitive care is not readily available, resuscitative care for the patient's condition in consultation with on-line medical control or as defined by protocol.*

MCA Name: Detroit East Medical Control Authority

MCA Board Approval Date: September 17, 2019

MCA Implementation Date: September 20, 2019

Protocol Source/References:

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7. TRAUMA, BURN, STROKE, CARDIAC AND LVAD CENTERS

**See Destination Matrix*

Designated Adult Trauma Centers (Level 1 and 2)

Beaumont Farmington Hills	age 15 and above
Detroit Receiving Hospital	age 15 and above
Henry Ford Hospital	age 15 and above
Beaumont Dearborn Hospital	age 15 and above
Sinai/Grace Hospital	age 15 and above
Providence Hospital	age 15 and above
St. John Hospital	all ages

Designated Adult Trauma Centers (Level 3)

Beaumont Grosse Point	age 15 and above
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Designated Pediatric Trauma Center

Children's Hospital of Michigan	age 14 and below
St. John Hospital	age 14 and below

Burn Centers

Children's Hospital of Michigan	age 14 and below
Detroit Receiving Hospital	age 15 and above

Stroke Centers

Beaumont Grosse Pointe Hospital	Beaumont Farmington Hospital
Henry Ford Hospital	Detroit Receiving Hospital
Beaumont Dearborn Hospital	St. John Hospital
Providence Hospital	Sinai-Grace Hospital
	VA Medical Center Detroit (<i>Veteran's when VA is closest</i>)

OB/High Risk Pregnancy Centers (per destination matrix 12/2016)

Beaumont Dearborn	Providence Hospital
Beaumont Farmington Hills	
Harper/Hutzel University Hospital	Sinai-Grace Hospital
Henry Ford Hospital	St. John Hospital-Detroit

LVAD Center

Henry Ford Hospital

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8. Scene Times

Acute Coronary Syndrome or STEMI

Due to the close proximity of available resources and the fact that definitive care for these patients does not occur in the field, patients suspected of having an **Acute Coronary Syndrome *should not have a scene time greater than 20 minutes***. EKG should be completed and transmitted as soon as possible after arriving at the patients' side. **Adherence to the treatment protocols is mandatory while on scene and during transport.** Any deviation from this will need to be documented on the pre-hospital record.

Traumatically Injured Patient

Due to the close proximity of available resources and the fact that definitive treatment for these patients does not occur in the field, all patients meeting the ***Absolute Criteria*** and those patients meeting the ***Relative Criteria*** who the paramedic personnel feel should be transported to a Level 1 or Level 2 ACS verified center ***should not have a scene time greater than 20 minutes***. **Adherence to the treatment protocols is mandatory while on scene and during transport.** Any deviation from this will need to be documented on the pre-hospital record.