



**REGION 11  
CHICAGO EMS SYSTEM  
POLICY**

Title: STEMI Patient Destination

Section: Transportation

Approved: EMS Medical Directors Consortium

Effective: March 6, 2025

## **STEMI PATIENT DESTINATION**

### **I. PURPOSE**

- A. Identify patients with suspected ST Elevation Myocardial Infarction (STEMI) or dysrhythmias that require transport to a STEMI Center.
- B. Transport cardiac arrest patients with Return of Spontaneous Circulation (ROSC) or ongoing resuscitation to a STEMI Center.

### **II. DEFINITIONS**

- A. STEMI Center: A hospital that provides percutaneous coronary intervention (PCI) and post-resuscitation services as designated by Region 11 EMS Medical Directors.

### **III. STEMI CENTER DESTINATION CRITERIA**

- A. ST-Elevation Myocardial Infarction (STEMI) criteria on 12-lead ECG:
  - 1. Computer interpretation of 12-lead is any of the following:
    - a. \*\*\*STEMI\*\*\*
    - b. \*\*\*ACUTE MI\*\*\*
  - 2. Paramedic interpretation of 12-lead ECG as STEMI (ST elevation of 1 mm in at least two contiguous leads).
  - 3. Base station ECP interpretation of transmitted 12-lead ECG as STEMI.
- B. Suspected acute coronary syndrome without STEMI on ECG, that require the capabilities of a STEMI center based on Paramedic or Base Station judgement.
- C. Cardiac Arrhythmias:
  - 1. Wide complex tachycardia
  - 2. Narrow complex tachycardia requiring synchronized cardioversion
  - 3. Symptomatic bradycardia with high grade AV block (2<sup>nd</sup> or 3<sup>rd</sup> degree heart block)
  - 4. Symptomatic bradycardia requiring transcutaneous pacing
- D. Cardiac arrest patients with ROSC or if/when decision is made to transport to the hospital with ongoing resuscitation.



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**IV. HOSPITAL COMMUNICATION**

- A. Online Medical Control contact is required for all patients meeting STEMI Center destination criteria.
1. Document time of hospital contact.



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## **STEMI CENTERS**

### **HOSPITAL NAME**

Advocate Christ Medical Center  
Advocate Illinois Masonic Medical Center  
Advocate Lutheran General Hospital  
Advocate Trinity Hospital  
Ascension Saint Joseph Hospital - Chicago  
Community First Medical Center  
Endeavor Health Swedish Hospital  
Humboldt Park Health  
John H. Stroger, Jr. Hospital of Cook County  
Loyola MacNeal Hospital  
Loyola University Medical Center  
Mount Sinai Hospital  
Northwestern Memorial Hospital  
OSF Little Company of Mary Medical Center  
Prime Healthcare Resurrection Medical Center  
Prime Healthcare Saint Francis Hospital  
Prime Healthcare Saint Mary of Nazareth Hospital  
Rush University Medical Center  
UChicago Medicine  
UI Health  
West Suburban Medical Center

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