STEMI

Purpose: To assist in determining the appropriate destination for a patient with suspected acute myocardial infarction and a positive S-T segment elevation 12 lead ECG.

1. **Procedure**
   A. Assessment
      a. Follow General Pre-hospital Care protocol (1-8).
      b. Follow Chest Pain-Acute Coronary Syndrome protocol (2-4).
      c. Follow 12 Lead ECG protocol (5-1).
   B. Destination Determination
      a. Patients with a 12 lead ECG indicative of an acute myocardial infarction should be transported to a cardiac interventional hospital approved by Monroe County Medical Control if the transport time is **not greater than an *additional* 15 minutes** from the closest hospital**.** If the transport time is **more than an *additional* 15 minutes**, the patient should be transported to the nearest hospital
         1. If any of the findings below are discovered while obtaining a patient history, immediately contact and advise medical control:
            Major surgery in previous 14 days
            Bleeding disorder
            Aneurysm
            Cerebral tumor
            Internal bleeding in past 21 days
            Lumbar puncture in previous 7 days
            Systolic blood pressure greater than 185
            Diastolic blood pressure greater than 110
      b. If a definitive airway is required, but is not obtained in the field, the patient should be transported to the closest hospital.
      c. The patient's choice of hospital should be honored when possible.
      d. If the patient requests a non-approved hospital, the paramedic shall advise them of the risks and benefits of their decision. The patient should then be transported to their choice of hospital, unless deteriorating clinical condition requires diversion to the closest hospital.
      e. Contact Medical Control as soon as possible after a positive 12 lead ECG is identified.
      f. Contact Medical Control for assistance with an appropriate destination determination.

2. **Medical Control Approved Cardiac Interventional Hospitals**
   St. Vincent Medical Center, Toledo
   The Toledo Hospital, Toledo
   St Joseph Mercy Hospital, Ann Arbor
   University of Michigan Medical Center, Ann Arbor
   Oakwood South Shore Medical Center, Trenton