

Middlesex London Paramedic Service

and

London Health Sciences Centre

Ambulance Destination Policy

Potential STEMI Patients for the Middlesex London Area

BACKGROUND

Patients with new onset of ST Segment Elevation Myocardial Infarction (STEMI) benefit from early Percutaneous Coronary Intervention (PCI). University Hospital is the only PCI centre in Middlesex County.

This policy takes precedence OVER the patient priority system (i.e. over capacity) and patient preference.

EXCLUSIONS

As per the Provincial STEMI Bypass Protocol prompt card and the Middlesex London Paramedic Service STEMI Bypass Protocol.

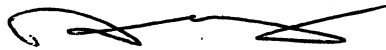
PROTOCOL

Paramedics should follow the protocol indicated on the attached flowchart and patch script.



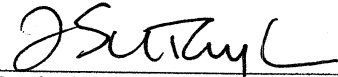
Neal Roberts, Chief
Middlesex-London Paramedic
Service

Date: September 9, 2022



Dr. Raymond Yee, Chair/Chief
Division of Cardiology
London Health Sciences Centre

Date: September 12, 2022



Dr. Jackie Schleifer Taylor
President and CEO
London Health Sciences Centre

Date: 29 September 2022

Middlesex London Paramedic Service STEMI Bypass Protocol

AMI Patient Presenting with the following criteria:

- Chest Pain of presumed ischemic etiology
- AND
- ECG Software interpretation of *****Meets ST ELEVATION MI CRITERIA*****

AND ONE of the following:

- ST Elevation > 2mm in leads V1-V3 in at least 2 contiguous leads OR
- ST Elevation > 1mm in at least 2 anatomically contiguous leads

EXCLUSION CRITERIA

As per the Provincial STEMI bypass directive, with the local addition of:

- DNR/Advanced Directive Limiting Care
- Weight > 400 lbs
- Inability to lay flat

Can the patient be safely transported to the University Hospital Cath Lab within 60 min of first medical contact?

YES

NO

- Transmit ECG
- Call the STEMI CACC line at 519-661-1070
- If no answer on two attempts, then transport to usual destination
- Use the Patch Script to relay patient information and ECG
- Patient accepted by Interventional Cardiologist? To ED or Cath Lab?

Transport to Closest ED

YES

- Transport Code 4/CTAS 1 to University Hospital ED
- Immediately contact University Hospital Triage RN "notification Patch" and advise if by passing ED for Cath Lab

EMERGENCY DEPARTMENT

- Paramedic met in ED by Nursing staff
- Patient to remain on EMS stretcher
- Patient registered under ED physician
- ED physician is notified of patient arrival by RN

CATH LAB

- Go directly to the Cath Lab via standard ED entrance
- Use Elevator in POD A UH ED
- Cath Lab is 2nd floor, Room C2-100 University Hospital



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Middlesex London Paramedic Service Code STEMI Patch Script

- Transmit ECG
- Contact CACC (**519-661-1070**) with a **CODE STEMI**
- Identify yourself as a Paramedic with a **CODE STEMI**
- You need to be connected with the Interventional Cardiologist on call
- You will **hold the line**, this is a **STAT** page.
- When the Interventional Cardiologist answers, deliver the following:
 - This is Paramedic (your name) and I am initiating the **CODE STEMI**
 - Patient **AGE & GENDER**
 - **ECG STATES ACUTE MI**
 - **VITAL SIGNS**
 - **ETA TO UNIVERSITY HOSPITAL EMERGENCY DEPARTMENT**

Questions

1. Do you accept this code STEMI? Yes or No
 - a. If **YES**, then go to **University Hospital**
 - b. If **NO**, then go to the **nearest ED**
2. Am I to proceed to the **ED** or the **Cath Lab**?