

CODE STEMI Protocol

URGENT Transfer to UOHI for **PRIMARY PCI**

ONSET OF SYMPTOMS <12 HRS:

Clinical presentation in keeping with acute myocardial ischemia, i.e.: discomfort- chest, jaw, back, stomach or dyspnea



12 LEAD ECG CRITERIA:

ST elevation ≥ 1 mm required in at least two contiguous leads **other than** V2 and V3 in which ≥ 2 mm of ST-elevation is required



Show the ECG to the ED Physician within **10 minutes** of hospital arrival

Confirm STEMI and administer the following standard medications:

URGENT TRANSFER PRIMARY PCI PROTOCOL

Ensure patient receives the following:

1. **ASA:** 160 mg chewable
2. **Ticagrelor:** 180 mg
3. **Unfractionated Heparin:** IV bolus 60u/kg (max 4000u). No infusion required. Do NOT use low molecular weight heparin (LMWH).

Call Dispatch and arrange for ambulance. Call Ministry at 1-866-869-7822 and obtain MT number. **Do NOT delay** transfer to obtain MT number, patient can be sent without it.

Inform patient of transfer to the Ottawa Heart Institute

Ensure the following is completed in EPIC or faxed:

- ECG, Emergency Department triage notes
- Ambulance Call Report, if patient presented by EMS
- CBC with platelet count
- Lytes, creatinine, glucose

Send patient urgently to the Ottawa Heart Institute.

Remind Paramedics that it is **their** responsibility to activate **Code STEMI** by notifying Ottawa Heart Institute of STEMI transfer upon leaving the sending hospital.

UOHI CONTACTS:

Daytime: 08:00-15:30 hrs

Tel: 613-696-7061

Fax: 613-696-7144

Off-hours: Nursing Coordinator

Tel: 613-696-7000 (press 0)

Fax: 613-696-7143

FIBRINOLYSIS?

Consider fibrinolysis if the time interval between the call to dispatch and paramedics arrival **>30 mins.**

NO NEED TO CALL UOHI UNLESS:

1. Cardiogenic shock or;
2. Intubated or;
3. Fibrinolysis (TNK) is given or;
4. Severe contrast (dye) allergy.

CARDIOLOGY CONSULTATION?

If symptoms do not conform with CODE STEMI protocol (i.e., LBBB, positive only on 15 Lead ECG) and there is concern for patient to go for acute coronary angiogram, **consult with cardiology.**

TIME IS MYOCARDIUM, MINUTES COUNT!

Symptoms of cardiac ischemia warrant an ECG

Target: Door-to-ECG within 10 minutes

Emergency physician triages patient for Urgent Transfer

Medications: ASA, Ticagrelor, Unfractionated Heparin

Instruct paramedics to activate Code STEMI