

CODE STEMI Protocol

URGENT Transfer to UOHI for **PHARMACO-INVASIVE**

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:

Patient is 75 years and older **OR** taking oral anticoagulants at home:

1. **Half dose of TNK** weight adjusted IV bolus
2. Aspirin (ASA): 160 mg chewable
3. Clopidogrel: 300 mg
4. No Unfractionated IV Heparin bolus or Infusion

Patient is less than 75 years old:

1. **Full dose of TNK** weight adjusted IV bolus
2. Aspirin (ASA): 160 mg chewable
3. Clopidogrel: 300 mg
4. Unfractionated Heparin:
IV bolus 60u/kg (max 4000u) and initial infusion*
12 u/kg/hr (max 1000u/hr).
*Hold IV UFH infusion for transfer
*Do NOT use Low Molecular Weight Heparin (LMWH)

URGENT TRANSFER PROTOCOL

Inform the patient of transfer to the Ottawa Heart Institute

Call dispatch and arrange for ambulance transfer

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

If needed, **send appropriate personnel** with patient for transfer by land ambulance.

Call to notify **Ottawa Heart Institute** of the transfer and provide name of patient, referring physician, referring hospital, ETA, mode of transport (air/land) and a short history.

*** Do NOT delay transfer***

UOHI CONTACTS:

Daytime: 08:00-15:30 hrs

Tel: 613-696-7061

Fax: 613-696-7144

**Off-hours:
Nursing Coordinator**

Tel: 613-696-7000

Fax: 613-696-7143

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: TNK, ASA, Clopidogrel, Unfractionated Heparin (for patient with full dose TNK)

Inform Ottawa Heart Institute of patient transfer upon ambulance departure