

STEMI Diagnosis

If diagnosis UNCERTAIN, call Outside Call Cardiologist (204-237-2053) or local specialist to discuss.
If diagnosis CERTAIN, DO NOT delay treatment by calling! Follow as below.

Can this patient arrive at SBH in less than 100 min FROM ECG DIAGNOSIS?

YES, MD to:

- First**, arrange Immediate Appropriate Transfer for Primary PCI*
- Then**,
In Winnipeg, page the Interventional Cardiologist on call (204-237-2053)
Outside of Winnipeg, page the CODE STEMI doctor on call (204-237-2053)

Drugs prior to transport: (if no contraindication)

- ASA 160 mg
- Clopidogrel 600 mg **OR** ticagrelor 180 mg
- Bolus** IV Heparin 70 u/kg (NO Heparin Infusion Required) **OR** IV enoxaparin 0.5 mg/kg

NO, MD to:

First, administer immediate Fibrinolysis (if no contraindication)

Less than 75 Years Old

- TNK 0.5 mg/kg *max 50 mg*
- Enoxaparin 30 mg IV & 1 mg/kg subcut *max 100 mg*
- Clopidogrel 300 mg PO
- Ensure ASA 160 mg given

75 or Older

- TNK 0.5 mg/kg *max 50 mg*
- Enoxaparin 0.75 mg/kg subcut *max 80 mg*
- Clopidogrel 75 mg PO
- Ensure ASA 160 mg given

Then, MD to follow steps below:

- Arrange Immediate transfer for coronary angiography
- Call CODE STEMI doctor (204-237-2053) to discuss patient destination
- Complete Cath Lab Referral form fax (204-258-1089) or send with patient
- Instruct transport staff to page CODE STEMI doctor on call (204-237-2053) **if ongoing pain 30 minutes from SBH**

CODE STEMI doctor on call:

- Direct patient destination as below
- Inform Interventional Cardiologist on call

Expected Arrival Work Day 06:30 - 18:00

Patient to Y2 Pre & Post

Expected Arrival Off Hours

Patient to SBH ER & inform ER
(call 204-237-2260)

*WRHA STEMI

- Emergency Physician or nurse call 204-986-2622
- State there is a 'CODE STEMI - Grace Hospital, etc.' patient requiring transport
- Provide the Interfacility Transport Coordinator with the following information:
 - Ward/Room and transporting facility name
 - Patient's name
 - Does the patient require transvenous pacing, inotropes or vasopressors or is this patient intubated?
- The above information determines the appropriate level of transport staff

*Non WRHA

- Follow local/regional guidelines. Call MTCC Interfacility Transfer Line at 1 800 689 6559 to request an emergent ground or air transport.

Absolute Contraindications (TNK)

As determined by asking the patient the following series of questions:

- Have you ever had a bleed into your brain?
- Have you ever had a brain aneurysm, a brain tumor, or recent brain or spine surgery (within the past two months)?
- Have you had any significant head or facial trauma within the past three months?
- Have you had a stroke within the past three months?
- Have you had recent major bleeding, or major surgery or a biopsy
- Are you currently pregnant or within one week post-delivery?

As determined when there is a high index of suspicion by the clinician

- Physician suspects acute aortic dissection
- Physician suspects acute pericarditis

Relative Contraindications (TNK)

As determined by the clinician

- Any measurement of a blood pressure on this encounter: Systolic BP greater than 180 mmHg and/or diastolic BP greater than 110 mmHg
- Traumatic or prolonged CPR

Enoxaparin Contraindications

- Refer to contraindications for fibrinolytics (as above)
- Allergy or hypersensitivity to heparin, pork products or to enoxaparin