

STEMI Protocol Pearls

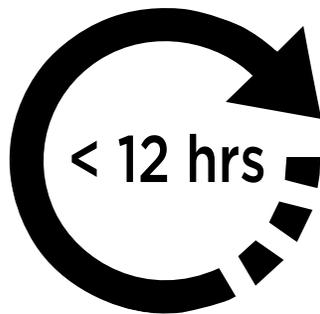
Symptoms

PAIN

Pain can be typical or atypical (but not only non-specific symptoms of dyspnea, nausea, fatigue, etc)

ACUTE

An acute history of symptoms of < 12 hours



ECG

QUALITY

Ensure good quality ECG

- Shave chest
- No moving/talking

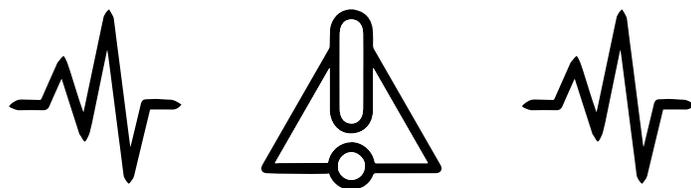
REPEAT

If negative, do serial ECGs

- (1) before treatment
- (2) in ambulance prior to leaving scene
- (3) in ambulance prior to moving into ED

CAUTION

ECGs can be tricky, rule out mimics
If not certain, go to closest appropriate ED

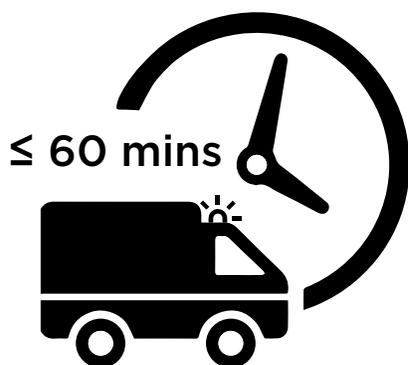


Geography

60 MINUTES

Maximum 60 minutes from first medical contact to PCI centre

If you are quicker on scene (eg: 15 minutes), this will allow longer transport time (eg: 45 minutes)



BOUNDARIES

Know the PCI centres in your area
CACC may be able to assist

HGH
1-844-832-6830

Brampton
1-416-747-3500,1

St. Mary's
1-519-653-4074

Southlake
1-905-952-2466

Trillium
1-888-493-3568

Prepare

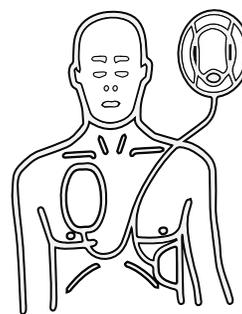
CAUTION

Caution with nitro and morphine

Neither of these medications are life-saving in STEMI patients & can cause adverse events

“PADS ON”

Defibrillation pads are placed on all patients with suspected STEMI



BE READY

Be familiar with the common complications that can occur:

- dysrhythmias
- pump failure
- cardiac arrest

Be ready to manage them