STEMI or New Left Bundle Branch Block Transfer Protocol

Once you identify **STEMI**, call University Hospital Transfer Center **1-877-236-4828**

Immediate Orders

- ☐ Call to activate transport
- ☐ Insert 2 large bore IV lines (preferably on left side)
- ☐ Draw blood for CBC, BMP, Troponin, aPTT, and PT/INR
- ☐ Infuse NS at 30 mL/hr
- ☐ Administer oxygen to keep SaO_2 > 90%
- ☐ Administer the following medications (unless contraindicated):
    - ▪ Aspirin 324 mg (81 mg x 4 chewable tabs) PO or 300 mg PR
    - ▪ Atorvastatin 80 mg PO
    - ▪ Heparin:
        - o Bolus: 60 units/kg (max of 4,000 units)
        - o Maintenance: 12 unit/kg/hr (max of 1,000 units/hr)
        - o **Note: Heparin is preferred over Enoxaparin (Lovenox®)**

PCI Pathway

Patient is **able** to get to PCI center in < 120 minutes
(Goal is to leave the ED in < 30 minutes)

- ☐ Ticagrelor 180 mg (90 mg x 2 tabs) PO
  – OR –
- ☐ Clopidogrel 600 mg (300 mg x 2 tabs) PO

- ☐ Package patient for transfer

*Ticagrelor (Brilinta®) is preferred over Clopidogrel (Plavix®)
Do NOT administer both drugs.

LYTIC Pathway

Patient is **unable** to get to PCI center in < 120 minutes
(Goal is to receive lytics in < 30 minutes)

- ☐ STEMI dose lytics

- ☐ Clopidogrel
    - o 300 mg PO (if ≤ 75 y/o)
    - o 75 mg PO (if > 75 y/o)

- ☐ Package patient for transfer

Other Medications / Considerations

- ☐ Nitroglycerin
    - o Sublingual: 0.4 mg Q5 minutes for up to 3 doses
    - o Intravenous: 10-200 mcg/min, titrate to pain relief
    - o Do NOT administer SL or IV Nitroglycerin if RV infarct, SBP ≤ 90 mmHg, HR < 50 bpm, or use of PDE-5 inhibitor (Sildenafil, Tadalafil, Vardenafil) within 24-48 hours
- ☐ Metoprolol 5 mg IV Q10 minutes for up to 3 doses
    - o Do NOT administer Metoprolol if SBP < 120 mmHg; HR < 60 bpm; HR > 110 bpm; AV block, or signs of heart failure or shock
- ☐ Morphine sulfate 2-4 mg IV prn pain
- ☐ Ondansetron 4 mg IV Q8 hours prn nausea
- ☐ Consider therapeutic hypothermia in comatose patient with STEMI or out of hospital arrest with STEMI