CHEST PAIN

DEFINITION: This Standing Order is for any patient without cardiac arrest who is complaining of chest pain, shortness of breath, dizziness, syncope, palpations, dysrhythmias, and/or weakness, any of which is felt to be of cardiac origin either from patients history or physical assessment.

- 1. Assess ABC's
- 2. OXYGEN High concentration (10-15 lpm by reservoir mask)
- 3. ECG MONITOR Vital Signs and Obtain 12 lead ECG and transmit to ED as soon as feasible.
 - If Right Side AMI is suspected then IV should be initiated prior to NTG administration.

Note - If ST Elevation in 2 or more contiguous leads greater than or equal to 1mm (1 small box), presumed new onset LBBB, or patients with a Non ST Elevated MI or Unstable Angina – go to STEMI / Unstable Angina / Non STEMI Standing Order

Note - Go to appropriate Standing Order if any dysrhythmia is present.

- 4. ASPIRIN Four (4) Children's Chewable Aspirin (81 mg each) by mouth, 324 MG
- 5. NITROGLYCERIN One pre-measured dose Nitro-Spray, if:
 - Etiology of pain appears to be cardiac in nature, **and**;
 - Systolic BP 110 mmHg or greater
- 6. IV ACCESS Lactated Ringer's TKO rate **or** Saline lock device
 - Draw Baseline blood.
- 7. TRANSPORT As soon as possible.
- 8. NITROGLYCERIN Repeat <u>twice</u> in 5 minute intervals, if no relief of pain and B/P 110 mmHg or greater

If there is no relief from Nitroglycerin:

- 9. MORPHINE SULFATE 2.0 mg IV **SLOW** BOLUS (B/P > 90 mmHg)
 - Repeat the dose every 3 to 4 minutes up to 10 mg as needed for pain relief (Check for allergies)

CHEST PAIN – (cont'd)

10. Contact Receiving Hospital Physician for further orders and advise if patient may be eligible for fibrinolytic therapy. (Chest Pain Evaluation Form See Appendix)

NOTE:

If hypotension develops and postural positioning, Trendelenburg, does not improve the blood pressure within 5 minutes - go to <u>CARDIOGENIC SHOCK</u> STANDING ORDER

If the patient has taken Viagra, Cialis or Levitra within 12 hrs, use Morphine Sulfate for the chest pain instead of Nitroglycerin. Remember women may also use this medication. If you encounter hypotension due to Viagra, then treat with a fluid challenge (250-500 cc's of LR) and Dopamine if required.