Acute Pulmonary Edema / CHF

This protocol is to be followed for patients in acute respiratory distress situations, not chronic.

Pre-Medical Control
1. Follow General Pre-Hospital Care Protocol.
2. Initiate supplemental oxygen by non-rebreather mask.
3. Position patient upright with legs dependent, if possible.
4. Consider CPAP / Bi-PAP (if available) or if indicated, an advanced airway.
5. Obtain 12-lead EKG if available. Follow local MCA transport protocol if EKG is positive for ST segment elevation myocardial infarction (STEMI) and alert hospital as soon as possible.
6. Inquire of all patients (male and female) if they have taken Viagra (sildenafil citrate) or a similar erectile dysfunction medication in the last 48 hours. If yes, DO NOT ADMINISTER NITROGLYCERIN.
7. If BP above 100 mmHg, administer Nitroglycerin 0.4 mg SL. Repeat every 3-5 minutes if BP above 100 mmHg.
8. If wheezing or bronchial constriction administer nebulized Albuterol 2.5 mg/3ml.

Post-Medical Control

<table>
<thead>
<tr>
<th>Medication Options (Choose one)</th>
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<tbody>
<tr>
<td>Furosemide</td>
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<tr>
<td>[ ] Included</td>
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<tr>
<td>[ ] Not Included</td>
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9. Administer Furosemide (Lasix) 40 mg IV.
10. If BP remains above 100 mmHg, consider Morphine Sulfate 2 mg IV. May repeat x1 prn to maximum of 4 mg
11. If BP less than 100 mmHg and signs/symptoms of shock, administer Dopamine 5-20 mcg/kg/min. Generally start at 5 mcg/kg/min, and increase every 10 minutes by an additional 5 mcg/kg/min until BP greater than 100 mmHg. DO NOT exceed 20 mcg/kg/min unless ordered by medical control.
This protocol is to be followed for patients in acute respiratory distress situations, not chronic.

Follow General Pre-hospital Care Protocol
Initiate supplemental oxygen by non-re-breather mask
Position patient upright with legs dependant, if possible

Consider CPAP / Bi-PAP (if available) or if indicated, an advanced airway.

Obtain 12-lead EKG if available. Follow local MCA transport protocol if EKG is positive for ST segment elevation myocardial infarction (STEMI) and alert hospital as soon as possible.

Inquire of all patients (male & female) if they have taken Viagra (sildenafil citrate) or a similar erectile dysfunction medication within last 48 hrs., if yes DO NOT ADMINISTER NITROGLYCERIN

**Blood Pressure**

**BP greater than 100 mmHg**

Nitroglycerin 0.4 mg SL
Repeat every 3-5 minutes if BP above 100 mmHg

If wheezing or bronchial constriction, administer nebulized Albuterol 2.5 mg/3ml

**Contact Medical Control**

Medication Options (Choose one)

- **Furosemide**
  - Included
  - Not Included

Administer Furosemide (Lasix) 40 mg IV

**BP less than 100 mmHg**

Contact Medical Control

If BP less than 100 and signs/symptoms of shock administer Dopamine at 5-20 mcg/kg/min

Generally start at 5 mcg/kg/min, and increase every 10 minutes by an additional 5 mcg/kg/min until BP greater than 100 mmHg. DO NOT exceed 20 mcg/kg/min unless ordered by medical control.

If BP remains above 100 mmHg

Consider Morphine Sulfate 2 mg IV. May repeat 1 to maximum of 4 mg