## CONGESTIVE HEART FAILURE / PULMONARY EDEMA UPDATED 4/2025

## ALL PROVIDERS

ALLII	COVIDENS
Viagra, Levitra or Cialis within the last 24 hor  • Assess blood glucose level.  Continuous cardiac, ETCo2, 12 lead ECG, and pul  Treatment Plan  • Maintain airway; assist with breathing as nece  Key Considerations  • Do not use nitroglycerin if the patient has take	described by the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire of the sessary provide oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-94%. The entire oxygen as needed to target SpO2 90-9
	Adult dosing.
EMT	EMT
Assist patient with prescribed nitroglycerin SL every 5 minutes, as long as dyspnea or chest pain persist and SBP >90 mmHg (Max 3 doses)	
AEMT	AEMT
<ul> <li>Supraglottic device, vascular access and fluid</li> <li>IV access prior to nitrates is preferred if possible</li> <li>Limit fluid bolus to 250–500 mL NS or LR</li> <li>Nitroglycerin 0.4 mg SL every 5 minutes (max of 3 doses) if dyspnea or chest pain persist and SBP &gt;90 mmHg or MAP of 65.</li> <li>CPAP/BiPAP – Consider when the patient is awake, cooperative and SBP &gt;90 mmHg</li> </ul>	□ Supraglottic device, vascular access and fluid □ CPAP/BiPAP – ONLY use when the patient is on the machine at home. Maintain home settings and bring machine with the patient. If unable to adequately ventilate, return to BVM
	Focused history and physical exam  Determine whether the patient (male or femal Viagra, Levitra or Cialis within the last 24 hor Assess blood glucose level. Continuous cardiac, ETCo2, 12 lead ECG, and put Treatment Plan  Maintain airway; assist with breathing as necestary Considerations  Do not use nitroglycerin if the patient has take. In pregnant patients of >20 weeks gestation: It patient's right hip and manually displace the unit patient's right hip and manually displace the unit patient's right hip and manually displace the unit patient lowest acceptable systolic blood precation. Birth to 1 month = 60mmHg  I month to 1 year = 70mmHg  I year to 10 years = 70mmHg  Over 10 years = 90mmHg.  ADULT  ADULT  ABULT  ABULT  AEMT  Supraglottic device, vascular access and fluid  IV access prior to nitrates is preferred if possible  Limit fluid bolus to 250–500 mL NS or LR  Nitroglycerin 0.4 mg SL every 5 minutes (max of 3 doses) if dyspnea or chest pain persist and SBP >90 mmHg or MAP of 65.  CPAP/BiPAP — Consider when the patient is

Contact OLMC to discuss further settings and treatment above the initial setup.

## **PARAMEDIC**

- ☐ Push Dose Epinephrine 2-10mcg as needed to maintain a SBP >100 mmHg or MAP of 65
- ☐ Epinephrine 2-10 mcg/min IV/IO infusion for shock. Titrate up to 10 mcg/min to maintain a SBP > 100 mmHg or MAP of 65
- Norepinephrine 1 mcg/min IV/IO infusion for shock. Titrate up to 30 mcg/min to maintain SBP >100 mmHg or MAP of 65.

## **PARAMEDIC**

- Push Dose Epinephrine 0.5-1mcg/kg/min IV/IO as needed to maintain an appropriate SBP for age
- □ Epinephrine 0.1-0.5mcg/kg/min IV/IO infusion. Titrate to maintain an appropriate SBP for age.
- □ Norepinephrine 0.05-1mcg/kg/min IV/IO infusion. Titrate to maintain appropriate SBP for age.