



Yolo County Emergency Medical Services Agency

Protocols

Revised Date: June 1, 2023

ACUTE RESPIRATORY DISTRESS	
Adult	Pediatric
BLS	
Assess vital signs Evaluate respiratory rate O ₂ , titrate SpO ₂ to ≥ 94% Assess lung sounds Consider CPAP for moderate to severe distress	
ALS	
Cardiac Monitor, Waveform EtCO ₂ , Vascular Access	
Wheezing/Bronchospasm	Wheezing/Bronchospasm
Albuterol 5 mg Nebulized <ul style="list-style-type: none"> • May repeat x 1 <p style="text-align: center;"><u>And</u></p> Ipratropium 500 mcg Nebulized <ul style="list-style-type: none"> • No repeat <p><u>If no improvement and Asthma is suspected cause:</u></p> Epinephrine (1:1,000) 0.3 mg IM <ul style="list-style-type: none"> • No repeat 	Albuterol 5 mg Nebulized <ul style="list-style-type: none"> • May repeat x 1 <p style="text-align: center;"><u>And</u></p> Ipratropium 500 mcg Nebulized <ul style="list-style-type: none"> • No repeat <p style="text-align: center;"><u>If no improvement</u></p> Epinephrine (1:1,000) 0.01 mg/kg IM <ul style="list-style-type: none"> • Total max dose 0.3 mg • No repeat
Pulmonary Edema (CHF)	Stridor
<p style="text-align: center;"><u>SBP > 100</u></p> Nitroglycerine 0.4 mg SL spray or tablet <ul style="list-style-type: none"> • May repeat every 5 minutes <p style="text-align: center;"><u>Or Apply</u></p> Nitroglycerin Paste 2% 1 inch to chest wall <ul style="list-style-type: none"> • No repeat; remove if SBP falls to < 100 	NS 2.5 - 5 mL Nebulized <p style="text-align: center;"><u>If no improvement</u></p> Epinephrine (1:1,000) 0.5 mL/kg Nebulized <ul style="list-style-type: none"> • Add NS 2 - 3.5 mL for volume • Max 5 mL
Direction	
<ul style="list-style-type: none"> • Contact Base Hospital for additional treatment if necessary 	