

RESPIRATORY – BRONCHOSPASM ASTHMA/COPD/CROUP	
ADULT	PEDIATRIC (≤34 KG)
BLS	
<ul style="list-style-type: none"> • Universal Protocol #601 • May assist with patient’s prescribed medication, inhaler, etc. 	Same as Adult
BLS Optional	
Pulse Oximetry – O ₂ administration per Airway Management Protocol #602	
ALS Standing Orders	
<p style="text-align: center;">ASTHMA</p> <p>Stable</p> <ul style="list-style-type: none"> • Albuterol 2.5-5 mg via HHN/Mask/CPAP/BVM with adjunct over 5-10 min <ul style="list-style-type: none"> ○ repeat as needed <p>Unstable</p> <ul style="list-style-type: none"> • Epinephrine 1:1,000 0.01 mg/kg IM – not to exceed 0.5 mg <ul style="list-style-type: none"> ○ may repeat every 5 min, max 3 doses <p>Extremis</p> <ul style="list-style-type: none"> • Epinephrine 1:1,000 0.01 mg/kg SL – not to exceed 0.5 mg <ul style="list-style-type: none"> ○ may repeat every 5 min, max 3 doses <p style="text-align: center;">COPD/BRONCHOSPASM</p> <p>Stable</p> <ul style="list-style-type: none"> • Albuterol 2.5-5 mg via HHN/Mask/CPAP/BVM with adjunct over 5-10 min <ul style="list-style-type: none"> ○ repeat as needed 	<p style="text-align: center;">BRONCHOSPASM/ASTHMA</p> <p>Stable</p> <ul style="list-style-type: none"> • Albuterol 2.5-5 mg via HHN/Mask/CPAP/BVM with adjunct over 5-10 min <ul style="list-style-type: none"> ○ repeat as needed <p>Unstable</p> <ul style="list-style-type: none"> • Epinephrine 1:1,000 0.01 mg/kg IM – not to exceed 0.3 mg <ul style="list-style-type: none"> ○ may repeat every 5 min, max 3 doses <p>Extremis</p> <ul style="list-style-type: none"> • Epinephrine 1:1,000 0.01 mg/kg SL – not to exceed 0.3 mg <ul style="list-style-type: none"> ○ may repeat every 5 min, max 3 doses <p style="text-align: center;">CROUP</p> <p>Stable</p> <ul style="list-style-type: none"> • Humidified oxygen via HHN/Mask or blow-by
Base Hospital Orders Only	
<p style="text-align: center;">Unresponsive to previous therapy</p> <ul style="list-style-type: none"> • Epinephrine 1:10,000 0.01 mg/kg (0.1 mL/kg) slow IV titrated – not to exceed 0.5 mg • As needed 	<p style="text-align: center;">Unresponsive to previous therapy</p> <ul style="list-style-type: none"> • Epinephrine 1:10,000 0.01 mg/kg (0.1 mL/kg) slow IV titrated – not to exceed 0.3 mg <p style="text-align: center;">CROUP</p> <ul style="list-style-type: none"> • Albuterol 2.5-5 mg via HHN/Mask/CPAP/BVM over 5-10 min <ul style="list-style-type: none"> ○ repeat per base order • As needed
Notes	
<p>BRONCHOSPASM – narrowing of lower airways, may be associated with: wheezes, cough, and chest tightness</p> <ul style="list-style-type: none"> • Can be caused by: respiratory infections, exposures (toxins, allergens, fire/smoke), exercise, stress, cold dry air • Evaluate history of: chronic lung disease, prescribed medications, allergies, chronic infections (TB, Coccidioidomycosis) 	