

Smoke Inhalation	
ADULT	PEDIATRIC
BLS Procedures	
Remove individual from the environment	Remove individual from the environment
Consider gross decontamination	Consider gross decontamination
Assess ABCs	Assess ABCs
Assess for trauma and other acute medical conditions	Assess for trauma and other acute medical conditions
Administer high flow oxygen as indicated, or with evidence of smoke inhalation and ALOC or significant headache	Administer high-flow oxygen as indicated, or with evidence of smoke inhalation and ALOC or significant headache
ALS Standing Orders	
Airway support in accordance with Policy 710 – Airway Management	Airway support in accordance with Policy 710 – Airway Management
IV/IO access as indicated	IV/IO access as indicated
If Wheezes present	If Wheezes present
<ul style="list-style-type: none"> • Albuterol <ul style="list-style-type: none"> ○ Nebulizer – 5 mg/6 mL <ul style="list-style-type: none"> ▪ Repeat as needed 	<ul style="list-style-type: none"> • Albuterol <ul style="list-style-type: none"> ○ Patient less than 30 kg <ul style="list-style-type: none"> • Nebulizer – 2.5 mg/3 mL <ul style="list-style-type: none"> ○ Repeat as needed ○ Patient greater than 30 kg <ul style="list-style-type: none"> • Nebulizer – 5 mg/6 mL <ul style="list-style-type: none"> ○ Repeat as needed
If smoke inhalation AND unconscious or ALOC	If smoke inhalation AND unconscious or ALOC
<ul style="list-style-type: none"> • Hydroxocobalamin – If Available <ul style="list-style-type: none"> ○ IV/IO – 5 g in 200 mL NS over 15 minutes 	<ul style="list-style-type: none"> • Hydroxocobalamin – If Available <ul style="list-style-type: none"> ○ IV/IO – 70 mg/kg to a max of 5 g in 200 mL NS over 15 minutes
Base Hospital Orders only	
Continued unconscious/ALOC OR poor response to initial dose	Continued unconscious/ALOC OR poor response to initial dose
<ul style="list-style-type: none"> • Hydroxocobalamin <ul style="list-style-type: none"> ○ IV/IO – 5 g in 200 mL NS over 15 to 120 minutes, depending on clinical presentation. 	<ul style="list-style-type: none"> • Hydroxocobalamin <ul style="list-style-type: none"> ○ IV/IO – 70 mg/kg to a max of 5 g in 200 mL NS over 15 to 120 minutes, depending on clinical presentation.
Consult with ED Physician for further treatment measures.	Consult with ED Physician for further treatment measures.
<p>Additional Information:</p> <ul style="list-style-type: none"> • If monitoring equipment is available, the patient's carboxyhemoglobin levels should be checked if smoke inhalation is suspected. • Evidence of smoke inhalation includes soot around mouth and/or nares, increased work of breathing, wheezing • If additional IV/IO medications are indicated, establish a second IV or IO. DO NOT administer other medications with hydroxocobalamin through the same IV/IO line. • DO NOT administer hydroxocobalamin if patient has a known allergy to hydroxocobalamin or cyanocobalamin 	

Effective Date: June 1, 2018
Next Review Date: March 31, 2019

Date Revised:
Last Reviewed:


 VCEMS Medical Director