



# ASTHMA- BRONCHOSPASM



## Escambia County, Florida - ALS/BLS Medical Protocol

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This protocol is used for patients who are complaining of dyspnea and having wheezing.

A patient with a history of CHF that has wheezing on auscultation of lung sounds should not be automatically classified as an "asthma patient".

If the CHF patient does not have a history of asthma or allergic reaction, the more prudent assessment would be that of CHF (cardiac asthma).

### Supportive Care

1. [Medical Supportive Care Protocol](#), including pulse [oximeter](#) and [capnography](#).

### ALS Level 1

1. Albuterol 1 nebulizer treatment containing 0.5 ml (2.5 mg) of [Albuterol](#) mixed with 2.5 ml normal saline.
2. If bronchospasm continues, repeat Albuterol 1 nebulizer treatment containing 0.5 ml (2.5 mg) of Albuterol mixed with 2.5 ml normal saline
3. If bronchospasm continues, repeat Albuterol 1 nebulizer treatment containing 0.5 ml (2.5 mg) of Albuterol mixed with 2.5 ml normal saline
4. Consider need for [CPAP](#).
5. Consider need for [intubation](#).
6. For severe dyspnea consider [Epinephrine](#) (1:1,000) 0.3 mg SQ (a).

### ALS Level 2 (Physician Authorization Required)


1. Repeat Epinephrine (1:1,000) 0.3 mg SQ (a) (b).



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### Note


- (a) Caution should be used when the patient is older than 40 years of age or has a history of hypertension or heart disease.
- (b) If hypotensive with delay in capillary refill, SQ may be ineffective, consider Epinephrine (1:10,000), 0.5 mg **VERY SLOW IV** (over 3-4 minutes)



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