

Beaumont Fire-Rescue Services

**PERFORMANCE BENCHMARKS**

405.01E - Bronchodilator Administration:  
Handheld Metered Dose Inhaler

Discipline: EMT-BLS  
Effective: 9/16/2009  
Reviewed: 5/22/2015  
Replaces:

Anne Huff, Fire Chief

I. Objective

The EMT shall show the proper bronchodilator administration with a handheld metered dose inhaler using the criteria prescribed.

II. Instructions – Procedures for Achieving the Objective

You will explain and demonstrate the proper techniques for a bronchodilator with a handheld metered dose inhaler. You will begin at my instruction to start. The skill will end when you have completed all of the identified steps, and you tell me that you are finished. Do you understand these instructions?

III. Examiner's Note

The EMT will not be allowed to review the performance steps at the time of evaluation.

IV. Preparation & Equipment

A. Person to act as the patient

V. Reference Sources

- A. TDSHS EMT Skills, Bronchodilator Administration-Handheld Metered Dose Inhaler.
- B. TDSHS Criteria Sheet, *TDSHS website*.
- C. *Brady Prehospital*, 7<sup>th</sup> edition, pages 106-108.
- D. *Brady Emergency Care*, 9<sup>th</sup> edition, pages 122-126.
- E. SOG 203.01A, SOG 203.01C.

**405.01E – Bronchodilator Administration: Handheld Metered Dose Inhaler**

**Discipline: EMT-BLS**

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

**If the First Responder:**

- a) Avoids contamination of equipment or replaces contaminated equipment prior to use..... **1.0** \_\_\_\_\_
- b) Confirms order (medication, dosage and route) ..... **P/F** \_\_\_\_\_
- c) Informs patient of order for medication and inquires about allergies and recent doses of other bronchodilators..... **2.0** \_\_\_\_\_
- d) Selects correct medication from drug box as requested by Examiner..... **P/F** \_\_\_\_\_
- e) Verbalizes check of medication for contamination and expiration date ..... **1.0** \_\_\_\_\_
- f) Shakes the inhaler..... **1.0** \_\_\_\_\_
- g) Attaches spacer to inhaler, if ordered ..... **1.0** \_\_\_\_\_
- h) Verbalizes recheck of the medication label ..... **1.0** \_\_\_\_\_
- i) Removes non-rebreather mask from patient..... **1.0** \_\_\_\_\_
- j) Verbalizes recheck of the medication label ..... **1.0** \_\_\_\_\_
- k) Performs steps a)-j) prior to step l) and performs at least one (1) recheck of the medication label ..... **P/F** \_\_\_\_\_
- l) Instructs patient to exhale deep..... **1.0** \_\_\_\_\_
- m) Instructs patient to put the mouthpiece in mouth and make a seal with lip..... **1.0** \_\_\_\_\_
- n) Instructs patient to depress the inhaler canister while inhaling and then hold breath as long as comfortable..... **1.0** \_\_\_\_\_
- o) Replaces non-rebreather mask on patient..... **1.0** \_\_\_\_\_

**Time Allocation**

Completes skill in allotted time ..... **P/F** \_\_\_\_\_

Allotted time for this skill: **5 minutes 0 seconds**

Actual time: \_\_\_\_\_ **minutes** \_\_\_\_\_ **seconds**

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
<b>13</b>	<b>10</b>	First			
		Second			

Medical Director's Initials DK

Date 5/22/2015