

MEDICATION ADMINISTRATION – METERED DOSE INHALER (MDI) AND BAG-VALVE-MASK (BVM)

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Approval: Corey Petrie, Interim Regional Manager, Centre for Prehospital Care & Trauma Services		Frequency: In accordance with the Medical Directive that requires administration of a medication by MDI and BVM
Signature: 		

Purpose: To ensure a consistent standardized practice for administering medications via metered dose inhaler and bag-valve-mask.

	Content	Details
1	Ensure that the patient qualifies for the appropriate medical directive, or contact a Base Hospital Physician (BHP) for further direction.	
2	Communicate the need for medication administration, and its effects to the patient and family members and obtain consent whenever possible. Perform a medication cross-check with your partner (if available)	
3	Remove the cap of the MDI	
4	Shake the MDI for 10 seconds to pressurize the canister and mix the medication with the propellant. Turn the MDI away from the patient and others and discharge 4 sprays into the air.. Re-shake the MDI for 10 seconds.	
5	Insert the MDI canister into the MDI port of the BVM or the MDI adapter.	
6	Assist the patient's ventilations with BVM, ensuring a proper seal around the patient's mouth and nose.	
7	Spray the MDI once as per manufacturer recommendations.	
8	Ventilate the patient approximately 4 times between sprays.	
9	Re-shake the MDI canister for 10 seconds or follow manufactures directions between each administration.	This allows for adequate re-actuation of the MDI for the next puff.
10	Repeat the above steps for subsequent puffs until the appropriate dose of the medication is delivered as per the medical directive. Discontinue the medication if adverse effects occur, or as directed by the BHP.	
11	Document the procedure on the Ambulance Call Report as per the MoH Ambulance Documentation Standards and your Service Provider's policy	This must include: <ul style="list-style-type: none"> name of the medication dose and concentration of the medication time of administration route/site of administration amount of wastage for any controlled substance accompanied by a co-signature patient condition before and after medication administration

Expected Outcome: To safely administer medication administration via MDI and BVM