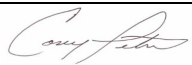


## MEDICATION ADMINISTRATION - NEBULIZED

<b>Document Owner:</b> E. Levasseur	<b>Program/Service Area:</b> Centre for Prehospital Care	<b>Issue Date:</b> April 2009
<b>Revision Date:</b> November 2023		
<b>Approval:</b> Corey Petrie, Interim Regional Manager, Centre for Prehospital Care & Trauma Services	<b>Frequency:</b> As Required, in accordance with the Bronchoconstriction Medical Directive.	
<b>Signature:</b> 		

**Purpose:** To ensure a consistent standardized practice for administering medications via nebulization.

	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 the medication, and its effects to the patient/family member whenever possible.	
3.	Check medication for proper labelling and for an expiry date.	
4.	Refer to the correct medical directive for correct dosages.	
5.	Remove the nebulizer mask from the protective outer wrap and examine for defects. Pour the medication into the nebulizer chamber and add saline if required based on the medical directive.	
6.	Ensure that all persons within 3 metres of the patient don proper PPE precautions including N95 Mask.	
7.	Assemble all parts of the mask. Insert the nebulizer into the oxygen mask and attach the oxygen tubing to the nebulizer chamber. Attach the opposite end of the oxygen tubing to the oxygen regulator and adjust the flow to between 6 – 8 litres/minute as required to produce a mist.	
8.	Place the mask over the patient's face with the strap above the ears. Squeeze the flexible nose-piece to secure the mask in place. Observe misting of the medication in the mask.	
9.	Instruct the patient to breathe deeply if possible.	
10.	Assess the patient closely for any change in condition following the medication administration.	
11.	Discontinue the medication if adverse effects occur or as directed by a BHP.	Nebulized medications should be discontinued prior to entering into a hospital setting.
12.	Document the procedure on the patient care record as per the Ministry of Health and Long Term Care Emergency Health Services Branch Ambulance Call Report Documentation Standards and your Service Provider policy which includes: <ul style="list-style-type: none"> <li>• name of the medication</li> <li>• dose and concentration</li> </ul>	
13.	In the event that a patient is not transported, ensure that no nebulized route medications are left behind.	



**Expected Outcome:** Successfully performs medication administration via nebulization.