

West Michigan Regional Medical Control Consortium

Emergency System Protocol

Metered Dose Inhaler - COVID-19 Protocol

Date: April 30, 2020

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Metered Dose Inhaler - COVID-19 Protocol

Adopting MCAs will have an "X" under their MCA name. If no "X" is present, the MCA has not approved or adopted the protocol.

Allegan	Barry	Clare	Ionia	Isabella	Kent	Mason
X	X		X	X	X	X
Montcalm	Muskegon	N. Central	Newaygo	Oceana	Ottawa	
X	X	X	X	X	X	

Purpose: To reduce the utilization of nebulized medication administrations by EMS personnel in COVID suspect or confirmed patients

A. Metered Dose Inhaler use:

1. COVID suspect or confirmed patients with respiratory symptoms, where the protocol recommended treatment is the use of nebulized medications, may alternately receive four (4) puffs of their own rescue Albuterol metered dose inhaler (MDI), with spacer, in place of each nebulized treatment.
2. Use of a spacer is optimal. When no spacer is available, ensure that that patient breathes out completely before each puff in order to inhale as much medication as is possible.
3. Do not use an MDI prescribed to another person
4. All MDI's should be brought to the hospital with the patient, if transported.

B. Directions for use



Figure 1

Using an MDI with a spacer (Figure 1)

1. Remove the cap from the MDI and spacer. Shake well.
2. Insert the MDI into the open end of the spacer (opposite the mouthpiece).

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3. Place the mouthpiece of the spacer between the patient's teeth and have them seal their lips tightly around it.
 4. Have the patient breathe out completely.
 5. Press the MDI canister once.
 6. Have the patient breathe in slowly and completely through their mouth. If you hear a "horn-like" sound, they are breathing too quickly and need to slow down.
 7. Have the patient hold their breath for 10 seconds (count to 10 slowly) to allow the medication to reach the airways of the lung.
 8. Repeat the above steps for each puff.
 9. Replace the cap on your MDI when finished.