



Standard Operating Procedure

SITE: System	EFFECTIVE DATE: 4.2.2020
SUBJECT: Inhaler Administration via Nursing during COVID-19 Pandemic	REVISION DATE:
DOCUMENT NUMBER:	LOCATION OF TEMPLATE: HH CarPul
AUTHORIZED BY: Ashley Will MBA, RCP, RRT, PR-C, Respiratory Manager	DATE: 4.2.2020
SOP OWNER: Ashley Will MBA, RCP, RRT, PR-C, Respiratory Manager	

PURPOSE: Inhaler administration with supporting documentation and charging on rule out and positive COVID patients as identified in ER and identified inpatient COVID units.

SCOPE: Nursing

ASSOCIATED DOCUMENTS & PROCEDURES: Albuterol & Atrovent HFA instructions, Symbicort instructions, Spiriva Handihaler instructions

DEFINITIONS: MDI – Metered Dosed Inhaler

PROCEDURE:

Activity / Task		Task Time	What It Looks Like
1	<ul style="list-style-type: none">Order received in EMR for patient.Pharmacy prepares ordered inhaler with patient label and seals in a clear bag.		
2	Nurse to retrieve ordered inhaler and collect an aerochamber from supply room.		
3	Confirm patient identity via 2 patient identifiers: Name & DOB.		



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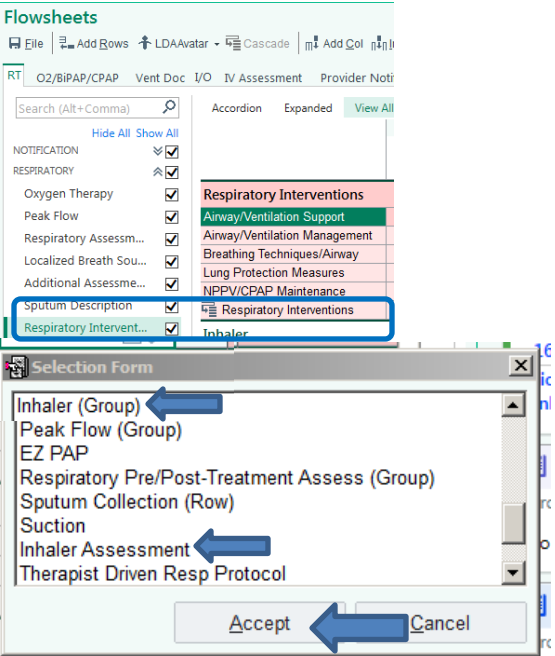
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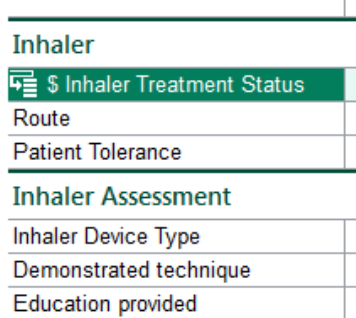
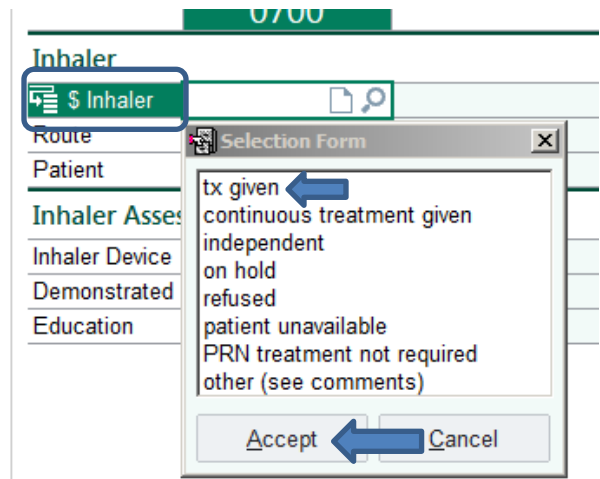
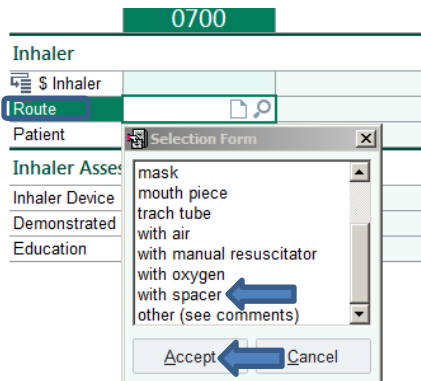
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	Activity / Task	Task Time	What It Looks Like
4	<p>Prepare inhaler per appropriate administration guidelines.</p> <ul style="list-style-type: none">• Albuterol & Atrovent• Symbicort• Spiriva		<div><div>ALBUTEROL AND ATROVENT HFA INSTRUCTIONS</div><ol style="list-style-type: none">1) Obtain inhaler and aerochamber device.2) Prime inhaler by taking the cap off the mouthpiece and shake the inhaler well. Then spray the inhaler 1 (one) time into the air away from your face.3) Shake the inhaler and insert the MDI into the aerochambers flexible back piece.4) Have the patient place the mouthpiece into mouth and close lips to provide an effective seal. Have the patient exhale completely and then depress the MDI. Have patient inhale slowly. If aerochamber makes a whistle sound, ask patient to slow their inhalation down. Have patient hold breath for 10 seconds and then have patient resume normal breathing. Administer (1) one puff at a time. Space puffs apart about (1) one minute.5) Make sure package insert goes with patient for proper cleaning instructions.6) Place MDI and aerochamber in resealable bag.<div>SPIRIVA HANDIHALER INSTRUCTIONS FOR USE</div><ol style="list-style-type: none">1) Open cap to handihaler2) Remove capsule from package3) Place 1 capsule in handihaler by lifting mouthpiece and placing capsule in center chamber4) Close mouthpiece firmly5) Press green button ONCE6) Have patient take a breath in and blow out before placing mouth on mouthpiece. Do not breath into mouthpiece7) Have patient place mouth onto mouthpiece and breath in deep and slow (enough to hear capsule vibrate) and hold breath.8) Repeat steps 7 & 89) Open mouthpiece and discard capsule</div> <div><div>SYMBICORT INSTRUCTIONS</div><ol style="list-style-type: none">1) Obtain inhaler and aerochamber device.2) Prime inhaler by taking the cap off the mouthpiece and shake the inhaler well. Then spray the inhaler 1 (one) time into the air away from your face.3) Repeat step 2.4) Shake the inhaler and insert the MDI into the aerochambers flexible back piece.5) Have the patient place the mouthpiece into mouth and close lips to provide an effective seal. Have the patient exhale completely and then depress the MDI. Have the patient inhale slowly. If aerochamber makes a whistle sound, ask patient to slow their inhalation down. Have patient hold breath for 10 seconds and then have patient resume normal breathing. Administer 1 (one) puff at a time. Space puffs apart about 1 (one) minute.6) Have patient rinse mouth thoroughly with water after use to prevent thrush.7) Make sure package insert goes with patient for proper cleaning instructions.8) Place MDI and aerochamber in resealable bag.</div>
5	<p>In EMR, pull up Inhaler (Group) & Inhaler Assessment documentation via Respiratory Interventions in flowsheets:</p> <ul style="list-style-type: none">• Select Flowsheets tab.• Locate and select Respiratory Interventions title.• In flowsheet, click in row of Respiratory Interventions and select "Inhaler (Group)" and "Inhaler Assessment" via magnifying glass.• Click Accept.		



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<p>6</p> <p>These documentation rows should appear.</p> <ul style="list-style-type: none"> If initial administration of inhaler to patient, follow remaining steps. If subsequent administration of inhaler to patient, follow steps 7-9, then proceed to step 13. 		
<p>7</p> <p>Select Inhaler row and select appropriate response, i.e. if inhaler given, select “tx given.” Click accept.</p>		
<p>8</p> <p>Select Route row and select appropriate response, i.e. “with spacer.” Click accept.</p>		



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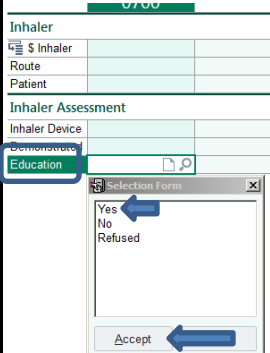
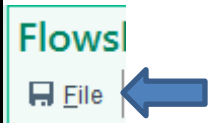
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<p>9 Select patient row and select appropriate response, i.e. "good." Click accept.</p> <ul style="list-style-type: none"> If initial administration of inhaler to patient, proceed to step 10. If subsequent administration of inhaler to patient, proceed to step 13. 		
<p>10 Select inhaler device row and select appropriate response, i.e. "pMDI" for Albuterol, Atrovent & Symbicort. Select DPI for Spiriva. Click accept.</p>		
<p>11 Select demonstrated row and select appropriate response, i.e. "yes" if patient demonstrated the appropriate technique. Click accept.</p>		



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1 2	Select education row and select appropriate response, i.e. "yes" if inhaler education provided. Click accept.		
1 3	File documentation. <ul style="list-style-type: none"> If initial administration of inhaler to patient, proceed to next step. If subsequent administration of inhaler to patient, you have now completed the process. 		
1 4	Pull up Charge navigator and drop charge for aerochamber, "AEROCHAMBER W/FLOW SIGNAL" for adults and "AEROCHAMBER PED W/MED MASK" for pediatric patients. Click accept. <p><i>*This is a one-time charge only, placed during initial administration of inhaler to patient.</i></p>		