

Conservation of Metered-Dose Inhalers (MDI)

Common Canister Nursing & Respiratory Workflow 3.24.20 1755

Metered-dose inhalers (MDIs) Included

- Albuterol HFA 90mcg
- Levalbuterol (Xopenex) HFA 45mcg
- Fluticasone (Flovent) HFA 44, 110, 220mcg
- Mometasone/Formoterol (Dulera) 100mcg/5mcg, 200mcg/5mcg
- Budesonide/Formoterol fumarate (Symbicort) 80-4.5 mcg/ACT, 160-4.5 mcg/ACT



Common Canister Workflow

- Re-dispensed inhalers will come from pharmacy or Pyxis in tamper evident plastic bags (above).
- Aerosolized MDIs **must be administered with a patient-specific spacer**, one-way spacer device.
- Patient-specific labeling process and BCMA is still required prior to administration for safety.
- The inhaler will be a **patient-specific inhaler until the order is discontinued or the patient is discharged.**
- Check the **inhaler dose counter** at each administration.
- Empty inhalers should be returned to pharmacy using the process below for disposal
- Reminder steps for MDI delivery with spacer.

Discharge (See Standard Work for exact steps)

- The listed inhalers/actuators will **NOT** be sent home with the patient upon discharge.
- Remove the patient specific sticker from the inhaler.
- Clean the inhaler and actuator prior to returning to med room. Ensure the entire area of the canister. is thoroughly cleaned including the plastic actuator.
 - Purple top Sani-wipes may be used for all patients except *C.Diff* (contact time is 2 minutes)
 - Orange top Bleach wipes should be used for *C.Diff* patients (contact time is 4 minutes)
- Allow to dry thoroughly.
- The patient-specific spacer may be sent home with the patient or disposed. After the device is dry, place inhaler in a clean plastic bag in the identified bin in the medication room for pharmacy to pick up.

