AAE: ASSOCIATION OF ASTHMA EDUCATORS
2019 BUFFALO, NY

PHARMACOLOGIC MANAGEMENT OF ALL THINGS WHEEZY AND ITCHY

ASTHMA MANAGEMENT AND DEVICE SELECTION IN PEDIATRICS
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DISCLOSURES
I have no actual or potential conflicts of interest to disclose

Inhaler Alone

Mouth

Throat

Lungs

Stomach
MEDICATION ADMINISTRATION: INFANTS, CHILDREN AND ANIMALS

• ONE WAY VALVED HOLDING CHAMBERS FOR INFANTS

DPI: DRY POWDER INHALER

Inhaler with OptiChamber®

Mouth

Throat

Lungs

Stomach

MEDICATION ADMINISTRATION: DPI FOR DRY POWDER INHALER
MEDICATION ADMINISTRATION
NEBULIZER/AIR COMPRESSOR: DOES NOT WORK BY MAGIC

MEDICATION ADMINISTRATION
• NEBULIZER (RE-USABLE/DISPOSABLE)
  • AIR COMPRESSOR

MEDICATION ADMINISTRATION
NEBULIZER (RE-USABLE/DISPOSABLE)
AIR COMPRESSOR
BLOWBYY!!!
MEDICATIONS TO TREAT ASTHMA: QUICK-RELIEF

• Used in acute asthma episodes, should relieve symptoms
• Short-acting beta-agonistic, albuterol (ProAir HFA, DPI ProAir RespHaler, Proventil HFA, Ventolin HFA)
  levalbuterol (Xopenex) generic now available
• Piriton (off the market in 2013)

ELIPTA DRY POWDER INHALER
RESPICLICK/OPI: DRY POWDER INHALER

ASTHMA MEDICATION DEVICES
- "Nino" Sputiva Respimat 3.25 mcg is a long-acting muscarinic antagonist (LAMA)
  2 inhalations once a day
ASMANEX TWISTHALER/MOMETASONE FUMOATE DPI
110 MCG AND 220 MCG/INHALATION
HFA MDI 100 MCG AND 200 MCG

FLOVENT/FLUTICASONE PROPIONATE
HFA MDI 44 MCG, 110 MCG, 220 MCG/INHALATION
DPI DISKUS 50, 100, 250 MCG
DPI ELLIPTA FLUTICASONE FUMOATE 100 AND 200 MCG

AEROSPAN/FLUNISOLIDE HAS BEEN DISCONTINUED
REDIHALER HFA INHALATION AEROSOL

*MEDICATION FORMULATION CHANGE AND DISCONTINUATION*
QVAR HFA MDI WAS DISCONTINUED IN 2018 AND REPLACED WITH THE QVAR REDIHALER (NOT DPI RESPICLICK)
QVAR® REDIHALER™ (BECLOMETHASONE DIPROPIONATE HFA) INHALATION AEROSOL, FOR ORAL INHALATION USE FOR PATIENTS 4 YEARS OF AGE AND OLDER
INITIAL U.S. APPROVAL: 1976