

Choosing an Inhaler Device

Uncontrolled Asthma or COPD?

- ✓ Adherence
- ✓ Affordability
- ✓ Address triggers, smoking, poor technique
- ✓ Discuss device preferences and treatment goals
- ✓ Allow patient input on the device
- ✓ (Re)educate on the device
- ✓ Schedule follow-up

#1 Check Cognitive Function

IMPAIRED
pMDI or SMI + VHC with Mask*
NMT*

OK
Go to #2

#2 Check Manual Dexterity

POOR
pMDI or SMI + VHC with Mask*
NMT*

OK
Go to #3

#3 Check Peak Inspiratory Flow (PIF)

SUBOPTIMAL
pMDI + VHC
SMI
NMT

OPTIMAL
pMDI + VHC
SMI
DPI

Patients at Risk for Suboptimal PIF



<5 or >65 years in age



↑ Airflow obstruction severity

➔ Choose device, check cognitive function & manual dexterity, correct technique, use teach-back to confirm

NMT: nebulized mist treatment
SMI: soft mist inhaler
pMDI: pressurized metered dose inhaler
DPI: dry-powder inhaler
VHC: valved holding chamber (spacer)
* With assistance

Peak inspiratory flow testing enables clinicians to tailor the selection of the inhaler device to the patient. It can also be used to train proper inspiratory technique to improve use of an inhaler and medication deposition to the lungs.



<https://alliancetechnical.com/check-dial-training-device/>