



DESIGNED TO WORK TOGETHER

Your choice for value and outcomes

The Monaghan Advantage

- ❖ 510(k) cleared to be safe and effective for the intended use in all combinations
- ❖ Use individually or combined for customizable therapy (scale up or down)
- ❖ Free up valuable floor/shelf space by reducing devices inventoried
- ❖ Fewer devices increases staff familiarity with the potential to reduce errors
- ❖ Single patient use system with no capital equipment required
- ❖ Combining therapy will shorten treatment time while maintaining therapeutic benefits
- ❖ Purposely designed to work optimally together

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AEROECLIPSE® II
Breath Actuated Nebulizer
(BAN)

1



AEROBIKA®
Oscillating Positive
Expiratory Pressure
(OPEP) Therapy System

2



VERSAPAP®
Positive Airway Pressure
(PAP) Device

3

USE EACH ALONE OR TOGETHER
FOR A COMPLETE SYSTEM OF CARE.

4 TANDEM THERAPY
When PAP or OPEP alone isn't enough

- Quiet, gentle option for lung expansion and airway clearance therapy
- Positive Pressure maintained on both inspiration and expiration.
- Optimizes the functionality of each device
 - Enabling patients to take a larger breath in (Positive Airway Pressure)
 - Extended time for oscillatory phase on exhalation (Oscillating Positive Expiratory Pressure)



AEROBIKA® OPEP +
 VERSAPAP® PAP +
 Manometer Accessory

5 MANOMETER ADAPTER
Immediate feedback with a visual goal

- Monitors expiratory pressures and is useful in guiding resistance level adjustments
- Assists with the development of proper exhalation technique
- Engages the user to meet therapeutic goals and maximize treatment effectiveness



Establishes
 Target Zones

AEROBIKA® OPEP +
 Manometer Accessory

6 MANOMETER ADAPTER AND THE AEROECLIPSE® II BAN
Encourage better patient technique for both therapies

- Easily visible, green feedback button confirms aerosol generation and encourages long, slow inhalation
- On exhalation target the desired pressure range to optimize airway clearance
- Helps keep patients focused and actively participating during their treatment



AEROBIKA® OPEP +
 AEROECLIPSE® II BAN + Manometer Accessory

7 COMBINATION THERAPY

Purposely designed to be used together

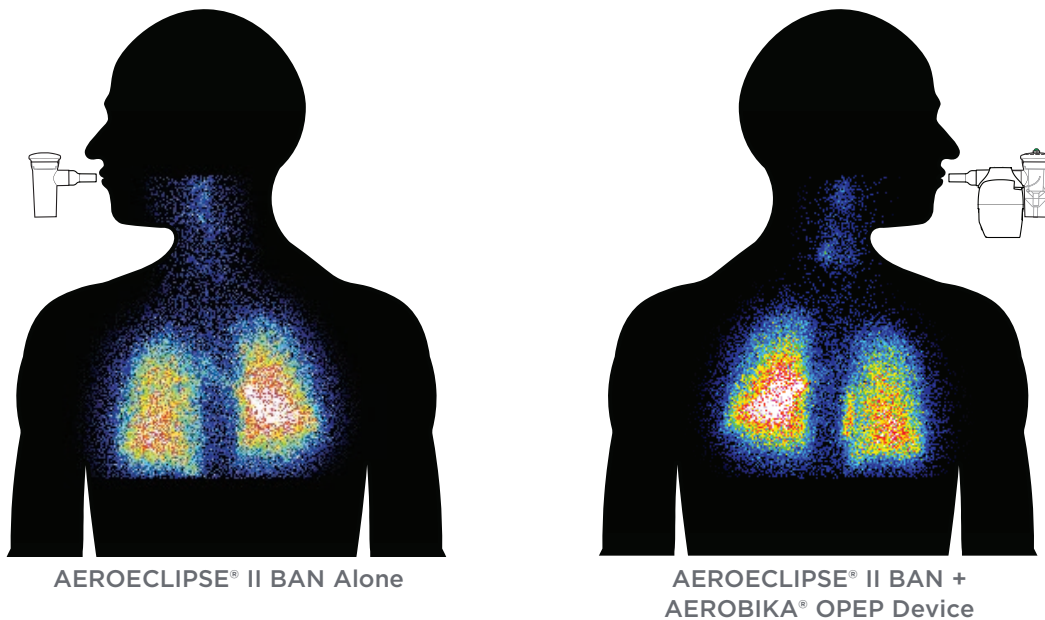
- Designed for aerosol delivery equal to the AEROECLIPSE® II BAN alone
- No aerosol is lost during extended exhalation
- Save time and achieve similar outcomes to individual therapy^{1,2}
- Transition to home with the AEROECLIPSE® XL BAN and OMBRA® Compressor



AEROBIKA® OPEP + AEROECLIPSE® II BAN

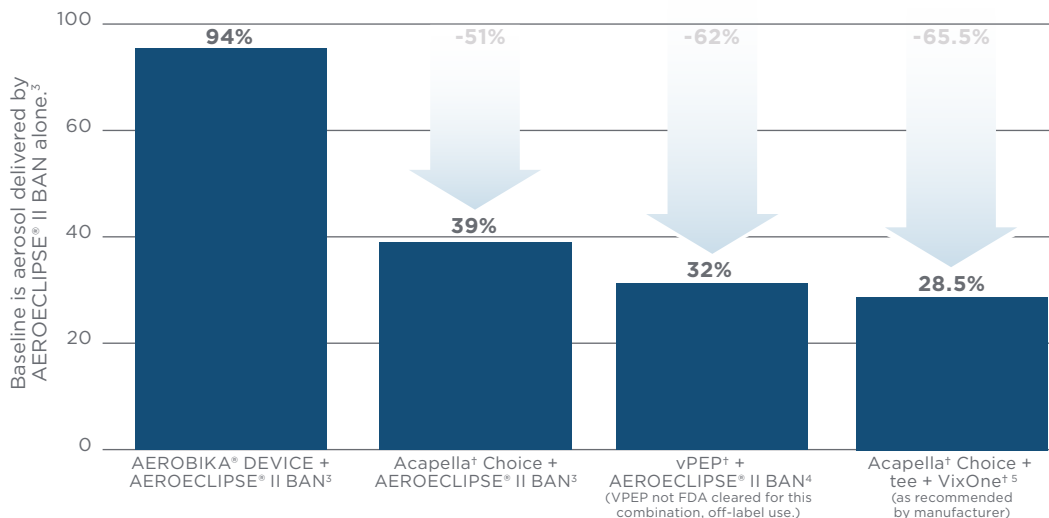
THERAPEUTICALLY EQUIVALENT DELIVERY WITH COMBINATION THERAPY^{1,2}

PERCENTAGE OF LOADED DOSE (%)
SAMPLE SCINTIGRAPHY IMAGES²



AEROSOL DELIVERY IS COMPROMISED WITHOUT PURPOSEFUL DESIGN.

Not all devices perform the same which may impact therapeutic outcomes.



REFERENCES

1. Nagel M, *et al.* Eur Respir J 2019;54:PA4529.
2. Nagel M, *et al.* Presented at North American Cystic Fibrosis Conference 2019.
3. Mitchell J, *et al.* Am J Respir Crit Care Med 2013; 187:A4116 (2.5 mL salbutamol (Ventolin[†]) ampoule, n=9 replicate measurements, inhalation flow 15 L/min. The AEROECLIPSE® II BAN was operated in Breath Actuated Mode).
4. Coppola D, *et al.* Presented at North American Cystic Fibrosis Conference 2017 (625µg/mL albuterol, n=3 devices per group, inhalation flow 30 L/min).
5. Suggett J, *et al.* Am J Respir Crit Care Med 2019;199:A5717 (3 mL of albuterol, n=5 devices per group, tidal volume = 600 mL, 10 breaths per minute).

	THERAPY SELECTION	PEP	OPEP	PAP	OPEP + PAP
Ventilation	Recruits collapsed airways (prevent/reduce atelectasis)	●	●	●	●
	Reduces hyperinflation	●	●	●	●
	Augments inspiratory flow to achieve larger tidal volumes			●	●
	Maintains positive pressure on inspiration			●	●
Airway Clearance	Maintains positive pressure on expiration	●	●	●	●
	Gets air behind secretions (mobilization)	●	●	●	●
	Changes properties of secretions		●		●
Aerosol Delivery	Improves aerosol delivery (due to open airways and decreased secretions)	●	●	●	●
	Minimal drug loss when used concurrently with aerosol delivery		●		
Other	Provides oxygen therapy			●	●

ORDERING INFORMATION

PART #	NAME/DESCRIPTION	UNITS PER CASE
64594050	AEROECLIPSE [®] II Breath Actuated Nebulizer (BAN)	cs/50
65050E	AEROECLIPSE [®] II BAN with elbow adapter	cs/50
69350	AEROECLIPSE [®] II BAN with Universal Tubing	cs/50
60050	Filtered Mouthpiece Kit	cs/50
10550394010	Reusable COMFORTSEAL [®] Mask with Elbow - Small	cs/10
10550294010	Reusable COMFORTSEAL [®] Mask with Elbow - Medium	cs/10
10550494010	Reusable COMFORTSEAL [®] Mask with Elbow - Large	cs/10
65750	Disposable Aerosol Mask - Small	cs/50
65950	Disposable Aerosol Mask - Medium	cs/50
65850	Disposable Aerosol Mask - Large	cs/50
65005	Elbow Adapter, for use with the AEROECLIPSE [®] II BAN	cs/50
62510	AEROBIKA [®] Oscillating Positive Expiratory Pressure (OPEP) Device	cs/10
62100	AEROBIKA [®] Oscillating Positive Expiratory Pressure (OPEP) Device	cs/100
62610	AEROBIKA [®] Oscillating Positive Expiratory Pressure (OPEP) Device with Manometer Accessory	cs/10
68510	VersaPAP [®] Positive Airway Pressure Device with EZ TWIST Tubing	cs/10
68500	VersaPAP [®] Positive Airway Pressure Device with EZ TWIST Tubing	cs/100
68310	VersaPAP [®] Positive Airway Pressure Device with Universal Tubing	cs/10
68300	VersaPAP [®] Positive Airway Pressure Device with Universal Tubing	cs/100

Contact your Monaghan Sales Territory Manager for more information or a demonstration.



REGISTERED
ISO 13485
QUALITY SYSTEM