

» EVONE® MECHANICAL VENTILATOR



» evone

Evone has the patented ventilation mode FCV®. FCV® is unique in creating a stable gas flow into and out of the patient's lungs to generate an inspiration and expiration, respectively.

FCV® is a dynamic ventilation mode, without pauses, aiming for linear changes in both volume and pressure. FCV® prevents abrupt intrathoracic pressure drops by means of the controlled expiration.

Further, Evone has a Jet mode providing Jet Ventilation.

Applications:

- ENT/Laryngeal/Tracheal surgery
- Cardio-thoracic surgery
- One-Lung ventilation
- Laparoscopic surgery/Trendelenburg position
- Procedures involving obese patients
- (expected) Difficult airway

Tritube® and conventional tubes

Evone's FCV® ventilation mode can be used with Ventinova's Tritube, an ultrathin endotracheal tube (outer diameter 4.4 mm) with an inflatable cuff to secure the airway. Also any adult endotracheal tube (>5 mm ID).



Tritube



Conventional Tube Adapter (CTA)

» ADVANTAGES

- Better gas exchange
- Improved lung recruitment and less atelectasis
- Exceptional in upper airway surgery
- FCV® Ventilation using:
 - Conventional tubes
 - Ultrathin Tritube®
- Two ventilation modes:
 - FCV®
 - Jet ventilation
- Less energy dissipation in the lungs

» REDEFINING VENTILATION



Small Lumen



Higher Efficiency

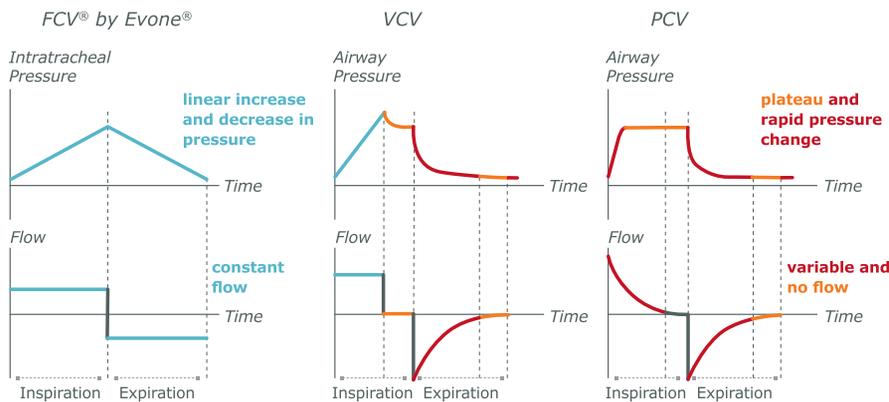


Lower Energy

evone

Evone: Controlled inspiration and expiration

Evone is the only commercially available ventilator applying FCV®, directing both the inspiration and the expiration of an anesthetized patient requiring mechanical ventilation. Evone's FCV® ventilation mode is based on a controlled inspiration and expiration flow from a set PEEP to a set peak pressure and vice versa, relying on intratracheally measured pressures.



Order information

Evone®
Evone Control Unit
Order number: 6000
Trolley
Order number: 18030

Consumables
Airway Adapter
Order number: 6125
Cartridge
Order number: 6115
Filter
Order number: 12012
Breathing Tubing
Order number: 6120

Consumables
Tritube®
Order number: 7000
Conventional Tube Adapter
Order number: 6130
Patient packs
Tritube Evone patient set for 20 patients
Order number: 18055
20 breathing tubes, 20 cartridges, 20 Tritubes, 20 HME-Filters
CTA Evone patient set for 20 patients
Order number: 18075
20 CTA, 20 cartridges, 20 HME-Filters

SMALL LUMEN

- FCV® enables use of ultrathin cuffed endotracheal tube Tritube® (O.D. 4.4 mm):
 - New surgical possibilities
 - Easy intubation of even difficult airways
 - Increased surgical exposure
 - Clear sight and non-vibrating vocal cords
 - Minimized contamination risk

HIGHER EFFICIENCY

- FCV®'s low flow rates are better able to reach the high resistant and the dependent lung parts, that have a better perfusion.
- FCV®'s control of the expiration maintains airway pressure and keeps the gas longer in the alveoli.
- Together, FCV® avoids atelectasis while improving gas exchange.

LOWER ENERGY

- FCV® results in smooth tidal movements of the diaphragm and thoracic wall throughout the ventilation cycle.
- FCV® results in reduced application of mechanical power and less energy dissipation in the lungs.