



D-76317-2013

**A decision with a future**

**DRÄGER EVITA®  
INFINITY® V500**

# How do I ensure staying prepared for the future?



## **Decision for high quality ventilation therapy**

There is no singular method to fulfilling one of the most critical challenges in today's ICU. Reduction of the patient's time on a ventilator remains a key issue. A high quality level of ventilation therapy at all times needs to be maintained through a consistent standard of treatment plans.



Everyday you are faced with new patients, new challenges. Minutes count when assessing a patient's condition to formulate a diagnosis and take the right decision on therapy.

Once the patient is stabilized, when is the right moment to start weaning? A clinician knows that weaning from a mechanical ventilator can take an extended period of time. How can this be done as quickly as possible?

#### THE EVITA STANDARD

Evita devices have supported you for over 25 years with

- high quality standards
- configurability and upgradeability
- advanced training and service concepts

Meeting your daily challenges now and in the future will require modern-day solutions. The Evita V500 ventilator offers innovative technology and is synonymous with providing high performance ventilation.

# A complete set of treatment tools

## TOOLS FOR YOUR VENTILATION THERAPY

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- Lung diagnostic tools like the Low Flow maneuver (inflection points)
- Breath by breath recruitment trends (e.g. PEEP, EIP, VT, Cdyn)
- Recruitment tools (e.g. Inspiration Hold, QuickSet, PressureLink)
- PC-APRV with AutoRelease
- Volumetric CO<sub>2</sub>-Monitoring (VCO<sub>2</sub>, VTCO<sub>2</sub>, Slope Phase 3, Vds/VTe)
- Weaning parameter (e.g. RSBi, P0.1, NIF)
- Automatic weaning with SmartCare/PS®
- Variable Pressure Support, Proportional Pressure Support, Automatic Tube Compensation
- Graphical representation of airway resistance and lung compliance with Smart Pulmonary View
- “Room-to-breathe” concept (AutoFlow®, BIPAP, VG)
- Applicable for neonatal ventilation (smallest tidal volume: 2 ml)

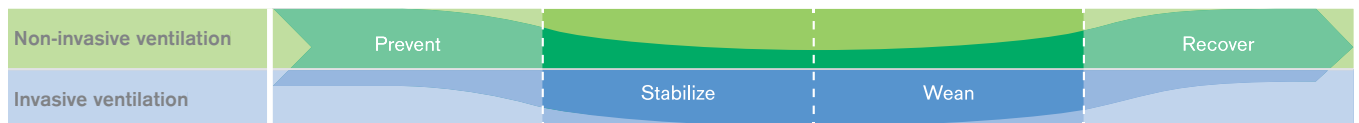
## FUNCTIONS TO SUPPORT YOUR WORKFLOW

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- Non-invasive ventilation in all modes and all patient categories
- O<sub>2</sub>-Therapy allows flow constant oxygen application
- Flexible screen configuration: 6 different views for each patient related to the individual therapy
- Full record of all patient data, alarms and trends
- Data export via USB interface
- Context-sensitive help function and online Instruction For Use for ventilation modes, alarms and device functions
- RFID functionality e.g. to monitor exchange intervals and to transport ventilation settings



# Sophisticated support in every therapy phase.



The Dräger Evita V500 accompanies you along the respiration pathway and delivers high level therapy and decision support – for your daily challenges today and tomorrow.

## PREVENT

- Non-invasive ventilation with sensitive inspiratory triggering and expiratory cycling-off to improve patient-ventilator synchrony

## STABILIZE

- Low Flow analysis of static lung characteristics to optimize the ventilation settings
- QuickSet and PressureLink allow to facilitate virtually any recruitment procedure
- AutoRelease in PC-APRV stabilizes the end-expiratory lung volume

## WEAN

- SmartCare/PS as an automated, knowledge-based weaning software reduces length of stay in the ICU\*
- Configurable limits in SmartCare/PS allow individual adaptations to patient situation
- Comprehensive monitoring function to observe the progress of weaning
- Variable Pressure Support to increase the natural tidal volume variability

## RECOVER

- O<sub>2</sub>-Therapy supports recovery after extubation and non-invasive ventilation

\* F. Lellouche et al.; Am J respir Care Med Vol 174, pp 894-900, 2006. Results are based on a European Multicenter Randomized Trial with 144 patients demonstrating improved respiratory condition, with stable hemodynamic and neurologic status, and no ARDS prior to initiating weaning

## Transport

D-43485-2012



### GS500, PS500, TRANSPORT SUPPLY UNIT (TSU), BED DOCKING

Flexible use almost anywhere in the hospital for up to four hours of independent ventilation thanks to the external gas and power supplies. The transport supply unit for two gas cylinders and the bed coupling make the patient transport easy.

## Accessories

MT-2099-2007



### INFINITY ID ACCESSORIES

The Infinity® ID accessory components simplify use and optimize workflows: The RFID functions detect faulty connections and coupled systems, and can import ventilation settings when connected to the ventilator. Replacement intervals of accessories can be monitored.

## Training

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### EVITA V500 PRODUCT TRAINER

Dräger supports your daily hospital work with innovative training programs. Our interactive product trainers provide useful information about our products as well as practical instruction about the intuitive operating system and use of the device.

## Service

D-32436-2011



### DRÄGERSERVICE – BECAUSE QUALITY COUNTS

For any requirement, we have the service contract that fits: from inspection-only and preventive maintenance to complete service packages. We have the answer for your individual needs.

For further information and downloads please visit [www.draeger.com](http://www.draeger.com)

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