

SERVO-i® WITH NAVA
NEURALLY ADJUSTED VENTILATORY ASSIST
TRUE VENTILATION INTELLIGENCE
BEGINS WITH THE BRAIN

MAQUET

CRITICAL CARE



THE ABCs of SYNCHRONY

A Neural Signal to Breathe

B Edi Catheter Routes Signal to Ventilator

C SERVO-i® Ventilator Provides Requested Level of Assist

SYNCHRONY WITHIN EACH AND EVERY BREATH

One of the world's most trusted and flexible ventilation platforms is now enhanced with NAVA (Neurally Adjusted Ventilatory Assist) that adapts to your patients' changing needs.

In NAVA mode, the SERVO-i® Ventilator operates from the neural signal – the patient's own impulse to breathe. This autonomic directive is sensed by the Edi catheter and routed to the ventilator.

As a result, patients receive precisely the level of support they want within each and every changing breath by controlling their own flow, pressure, volume and frequency.

For more information or to arrange a demonstration, please visit www.maquetusa.com.

SERVO-i® with NAVA – Empowering Human Effort.

- Better patient/ventilator synchrony helps improve patient comfort, potentially reducing the need for sedation; this could lead to faster recovery and weaning times.
- True cycle-off criteria makes NAVA the only mode of ventilation that lets patients communicate to the ventilator when they have had enough – potentially reducing lung injury and achieving true synchrony.
- Diagnostic respiratory data provides decision support to help reduce the incidence of lung injury (conventional ventilation mode).
- Studies indicate that improved synchrony can reduce the length of stay in the ICU.*
- Available for all patients – neonatal to adult.

* See, for example: Thille, A; Rodriguez, P; Cabello, B; Lellouche, F; Brochard, L; "Patient-ventilator asynchrony during assisted mechanical ventilation," Intensive care med., (226), 32:1515-1522, DOI 10. 1007/s00134-006-0301-8

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