

PRESS RELEASE

Nr. 02 / EN

Bonaduz, May 21st 2010

Hamilton Medical presents world's first fully closed loop ventilation technology

INTELLiVENT-ASV opens the next era of intelligent ventilation

HAMILTON MEDICAL launched universal ventilator HAMILTON-S1 with INTELLiVENT-ASV, the world's first fully automatic application for intensive care ventilation. After 16 years of development a well tested product is ready to be used.

Optimized ventilation therapy in intensive care requires permanent adjustment of setting parameters to wean and get patient off the device as quick as possible. Unfortunately therapists can't stay permanently with the patient at the bedside. Therefore in some situations settings are only adjusted as soon as some alarm threshold indicates physiologic lung changes to good or bad.

This will become different with INTELLiVENT-ASV from now. Hamilton Medical opens the next era of intelligent ventilation: INTELLiVENT-ASV is the world's first fully closed loop ventilation technology for oxygenation and ventilation covering all applications from intubation until extubation with the known simplicity from HAMILTON MEDICAL.

- It brings expert knowledge to the bedside, 24/7, even if experts are not there.
- It gives clinicians assistance on complex decision making
- It helps clinicians by displaying complex information in an intuitive way.

INTELLiVENT-ASV is based on the systematic evolution of ASV over the last decade and on scientific evidence, it's in sync with your daily clinical practice. The automatic adjustments follow protocolized care measuring lung physiology, respiratory monitoring, capnography (etCO₂) and pulse oximetry (SpO₂). INTELLiVENT-ASV reduces complexity by giving guidance on complex decision making, visualizing complex information in an intuitive way.

INTELLiVENT-ASV gives more time by reducing the burden of routine tasks and adjustments, reducing stress for the entire staff and increasing the availability of staff at the bedside. INTELLiVENT-ASV increases safety by reducing the potential for mistakes and errors, reducing the risk of escalations and intricacies, applying lung protective rules and reducing length of ventilation by adaptive patient settings.

INTELLiVENT-ASV is only available on universal HAMILTON-S1 ventilator by HAMILTON MEDICAL. (Not available in all countries yet according to approval situation.)

INTELLiVENT®-ASV and ASV® are exclusive trademarks by HAMILTON MEDICAL.

HAMILTON-MEDICAL - Commitment for Intelligent Ventilation

Innovative technologies made HAMILTON group what they are today: a world wide leader in robotic workstations for liquid handling systems, products for liquid dosage and sensors as well as intensive care ventilators. The business unit HAMILTON MEDICAL was founded to improve ventilated patients' lives and simplify operation of those devices for the clinician. Since 1983 this company introduced a new generation microprocessor controlled intensive care ventilators, revolutionary new ventilation therapy modes and diagnostic tools.

Today the company continues this tradition on innovative ventilation therapy for intensive care with a special commitment on Intelligent Ventilation, for which they became well known and competent provider for intensive care ventilators. This privately owned company produces those sophisticated precision instruments exclusively at Bonaduz head office – Made in Switzerland. On a global basis HAMILTON group has 1'300 employees. The high reliability of products as well as services is ensured by own sales networks as well as worldwide well selected distribution partners on all five continents.

Please visit our website www.hamilton-medical.com for more information.

Picture: HAMILTON_S1.tif



Logo: Logo_HAM_MED_4c.eps



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502 words

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