

Hamilton Medical Receives FDA Clearance for MR1 MRI-conditional Ventilator

Hamilton Medical has announced that its **Hamilton-MR1 ventilator** has received FDA clearance for use in a hospital or MRI (magnetic resonance imaging) facility. Transporting patients who use ventilators and maintaining ventilation during the MRI can be a challenge for medical professionals.

Hamilton's MR1 covers a range of clinical requirements – invasive ventilation, automated ventilation with Adaptive Support Ventilation and noninvasive ventilation. It is not available for use within the home care setting.

With the effectively shielded MR1 ventilator, the MRI environment's strong magnetic fields do not interfere with ventilation performance or the MR image quality. It is programmed to alarm if the clinician places it too close to the MRI magnet. The MR1 offers flexible noninvasive positive pressure ventilation and full-featured ventilation for both adult and pediatric patients. The MR1 delivers small tidal volumes with the highest degree of accuracy and guarantees a perfect synchronization with every patient.



Positioning a medical device too close to the MRI can have fatal consequences and cause serious injury to the patient or clinician, and significant financial losses can occur if an MRI shutdown is required. The Hamilton-MR1 continuously monitors the magnetic field and gives the clinician both an audible and a visual signal if it is getting too close to the MRI magnet. Because close proximity of the ventilator to the MRI machine is crucial, the MR1 can be used at a magnetic field strength of 500 gauss without creating any MR image artifacts.

The MR1 includes a trolley made of non-ferrous materials that will not be attracted to the powerful electromagnetic forces emanating from the MRI's magnet. The trolley also has a "fail-safe" braking system. ■

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VENTILATOR-ASSISTED LIVING

April 2014

Vol. 28, No. 2

ISSN 1066-534X

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International Ventilator Users Network's mission is to enhance the lives and independence of home mechanical ventilator users and polio survivors through education, advocacy, research and networking.

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International Ventilator Users Network (IVUN)

To be sure you receive email updates from PHI and IVUN, set your spam filters to allow messages from info@post-polio.org and info@ventusers.org.

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Notify IVUN before you move by calling 314-534-0475 or email info@ventusers.org, and tell us your old and new addresses.

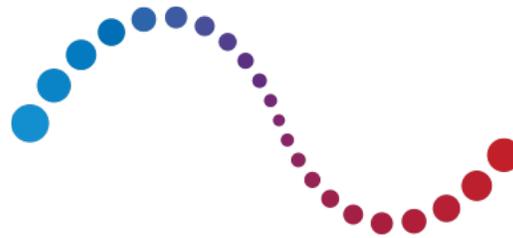
Away temporarily?

Send us your second address and dates you will be there and we'll do our best to send you your newsletter.

ResMed Unveils a New Brand

“Changing lives with every breath” is the new tagline for a refreshed ResMed brand that the company says aligns ResMed’s appearance in the marketplace with its global focus on innovation that benefits patients’ lives.

ResMed’s new logo includes an updated wordmark combined with a visually appealing “pulse” curve that shifts in color from bright blue to rich red, symbolizing the transition that deoxygenated blood makes to oxygenated blood with every breath and every beat of the heart.



ResMed
*Changing lives
with every breath*

“Our new brand speaks clearly to our partners – from physicians to home care providers to patients – that ResMed is the industry leader because we are steadfastly focused on changing lives with every breath,” said CEO Mick Farrell.

The new brand transition starts with ResMed’s U.S. operations and will roll out globally throughout the year. A key element will be an updated and user-friendly company

website – www.ResMed.com. ■

About obsolete equipment

Sherry Hurst would like to donate her functioning iron lung with a rebuilt motor and gear box and other various accessories to an individual or organization. If you or someone you know is interested, please contact info@ventusers.org. Transportation from her home to another destination is not included.

How many iron lungs are still in use? In addition to the number, the history of ownership and maintenance of the iron lung used by the majority of polio survivors in the United States is complex and was recorded using the Post-Polio Health International archives by Joan L. Headley. *The Iconic Iron Lung and Polio Survivors in the USA* was published in *Post-Polio Health* (ISSN 1066-5331), Vol. 30, No. 1, Winter 2014. It can be read online at www.post-polio.org/edu/pphnews/PPH30-1win14p3-5.pdf.

Service discontinued as of December 31, 2014. In a November 2009 letter Philips Respironics notified customers of the PLV-100, 102b and 102 that they would no longer be manufactured after December 31, 2009. The letter further stated that “all reasonable efforts would be made to provide rental units, service replacement parts and technical support to our customers through 12/31/2014.” IVUN coordinated a series of conference calls in 2012-13 for ventilator users who use these devices. The presentations and summaries of the calls are available on IVUN’s website at www.ventusers.org/edu/confcalls.html#pas.

Pneumobelt bladders (medium) and an NEV-100 have recently been requested by polio survivors who use them and are in need of back-up. Contact info@ventusers.org if you have either to donate. ■