



Quattro™ Air

New Products

Quattro™ Air full face mask from ResMed weighs only 3.3 ounces. The dual-wall Spring Air™ cushion provides more comfort at the bridge of the nose, while the cutout at the chin provides a better seal. Other features include flex-wing forehead support; comfortable headgear; and one-piece elbow, swivel and anti-asphyxia valve. Available in three sizes each for men and for women. www.resmed.com

Respln 11 HFCWO Bronchial Clearance System is a new high frequency chest-wall oscillation device from MedInnovation Technology Group, Inc. It uses a patented system of valves, electronic control and targeted pressure pistons to deliver pulsations directly to targeted areas of the chest to loosen secretions. It operates at a low background pressure for more comfortable treatment. www.medinnovationtechgrp.com

Pompe Disease Gene Therapy

Researchers at the University of Florida Health in Gainesville recently reported results from a clinical trial of gene therapy. The therapy improved respiratory function in individuals with Pompe disease, a rare inherited metabolic disease. It occurs in children who are born with mutations in a gene responsible for the production of an enzyme vital to converting glycogen in the body to glucose. The lack of the enzyme leads to an accumulation of glycogen in the muscle which leads to muscle weakness, affecting the ability to walk and breathe. After a six-month follow-up, the gene therapy was deemed safe and shown to increase the time the trial participants could spend breathing on their own without assisted ventilation. The results of the study were published in Human Gene Therapy. www.liebertpub.com/hum, www.worldpompe.org

Ventilator Industry Report

"Mechanical Ventilators: A Global Strategic Business Report," recently released by Global Industry Analysts, Inc., provides a comprehensive review of trends, issues, strategic industry activities and profiles of major companies worldwide. The mechanical ventilators' market is expected to reach \$3.9 billion (USD) by 2018. The cost of the report is \$4,950. For more information, go to www.strategy.com/Mechanical_Ventilators_Market_Report.asp.

Update on Virus Outbreaks

Since the H7N9 avian virus outbreak in China at the end of March, the virus has infected 132 people and claimed 37 lives. Most of the H7N9 infections have involved poultry-to-human transmission, but the potential for an endemic spread due to transmission between humans exists. There is little to no human immunity to this new virus. A group of researchers at the University of Hong Kong has designed a diagnostic test with high specificity for the H7N9 virus that can be processed within three hours.

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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.

Moving? Change of address?

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.

Eighth Educational Conference Call

Wednesday, June 26, 2013 at 1:00 pm CT

Protecting Every Breath and Improving Patient Comfort: ResMed's S9s, the Stellar and Interfaces

presented by

Michael Madison, RRT, MBA, Sr. Portfolio Manager, Respiratory Care SBU, ResMed Corp.

Reservations are required to be on the call. To reserve your spot, contact info@ventusers.org. Reservations are on a first-come, first-served basis.

Past presentations are online at www.ventusers.org/edu/confcalls.html#pas

Looking ahead: Ninth Educational Conference Call is scheduled for Wednesday, July 31st at 1:00 CDT. Polio survivor pediatrician discusses challenges of ventilator use.



*Do you have suggestions for other topics?
If so, please send them to info@ventusers.org.*

PHI Announces 11th International Conference

May 31-June 3, 2014 (Saturday-Tuesday) is the date for **Promoting Healthy Ideas: PHI's 11th International Conference to be held in St. Louis, Missouri.** The needs of IVUN's Membership will also be included in the program. If you have topics you'd like discussed, please send them to info@ventusers.org.

Watch www.ventusers.org and our Facebook page for updates on our plans. ■

From Around the Network continued from page 2

www.who.int/influenza/human_animal_interface/influenza_h7n9/en/index.htm

The Middle East Respiratory Syndrome Coronavirus (MERS-CoV), another new viral outbreak, was first reported in Saudi Arabia last year. It has infected 55 people and claimed 31 lives, mostly in the Middle East and Europe. No cases have been reported in the United States. People with MERS-CoV developed an acute respiratory illness with symptoms of fever, cough and shortness of breath. Transmission was through human contact. The CDC has developed a test for MERS-CoV. www.cdc.gov/coronavirus/mers/overview.html ■

Not yet a Member?

Join IVUN for just \$30 a year (Subscriber Membership) and receive your own copy of *Ventilator-Assisted Living* via email six times a year (February, April, June, August, October and December), plus six *IVUN Membership Memos* via email. For \$55 (Subscriber Plus Membership), join IVUN and PHI and also receive *Post-Polio Health* in print four times a year (February, May, August, November) and eight *PHI Membership Memos*.

You can join online at <http://shop.post-polio.org> or send or fax (314-534-5070) this form to: Post-Polio Health International, 4207 Lindell Blvd, #110, Saint Louis, MO 63108-2930 USA. Questions? 314-534-0475 .

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 **CareFusion** 866-752-1438, www.carefusion.com

The LTV® Series ventilator product portfolio from CareFusion gives patients portable advanced care ventilation in the home and at a post-acute care facility.

At 14.5 pounds and roughly the size of a laptop computer, the LTV Series ventilator features complex ventilation configured for convenience and mobility. CareFusion also offers the ReVel™ ventilator for portable ventilation on the fly. Weighing only 9.5 pounds and used for pediatric (> 5 kg) to adult patients in the home and hospital setting, this ventilator provides powerful technology to support you through the continuum of care.



CareFusion LTV Series Ventilator

RESMED 800-424-0737, www.resmed.com

Now you can provide intelligent air through iVAPS, ResMed's intelligent Volume-Assured Pressure Support. A unique technology featured in the S9 VPAP ST-A, it adjusts to a patient's respiratory rate, targets alveolar ventilation and automatically adjusts Pressure Support as needed to accommodate each patient's unique needs, even as their disease progresses.



S9 VPAP ST-A with H5i humidifier and Quattro FX full face mask

PHILIPS
RESPIRONICS 800-345-6443, www.respironics.com

Philips Respironics is dedicated to helping caregivers establish better sleep and breathing for millions of people worldwide. We develop solutions to encourage long-term compliance with therapy.

Wisp minimal contact mask – gives users a natural fit, an open field of vision, and is quick and easy to adjust with a superior seal for a restful night's sleep.



Wisp

Passy-Muir Inc.
Tracheostomy & Ventilator
Swallowing and Speaking Valves 800-634-5397, www.passy-muir.com

The Passy-Muir® Swallowing and Speaking Valve is the only speaking valve that is FDA indicated for ventilator application.

It provides patients the opportunity to speak uninterrupted without having to wait for the ventilator to cycle and without being limited to a few words as experienced with "leak speech." By restoring communication and offering the additional clinical benefits of improved swallow, secretion control and oxygenation, the Passy-Muir Valve has improved the quality of life of ventilator-dependent patients for 25 years.



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