

From Around the Network

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Puritan Bennett 540™

New Products

Puritan Bennett 540™ ventilator recently released in the U.S. by Covidien Ltd. Is small and lightweight (under 10 lbs.) The 540 ventilator can deliver both pressure and volume ventilation, and be used with either a single- or double-limb breathing circuit. Its internal lithium-ion battery is designed to provide up to 11 hours of power; an external battery is also available. Accessories include a small cart to transport the ventilator inside the home, a backpack-like carrying bag for the ventilator that can hang on a wheelchair, a car charger and remote alarm capabilities.

www.puritanbennett.com



Trilogy100

Trilogy100 ventilator, recently released by Philips Respironics, is compactly designed, weighing 11 lbs. Capable of delivering both pressure and volume control, it can be set for both day and night use. It also provides interchangeable active and passive exhalation ports. There is a three-hour lithium-ion internal battery as well as a three-hour detachable external battery. DirectView software downloads data directly to health professionals.

<http://trilogy100.respironics.com>



Falco 101

Falco 101 is a multi-mode ventilator manufactured in Italy by Siare Engineering International Group, s.r.l. The Falco offers many ventilation modes and can be used with a single- or double-limb breathing circuit. The NiMH (nickel-metal hybrid) internal battery life is two and a half hours; the external battery provides up to 10 hours of power. Small and compact, the Falco weighs 3.9 Kg. The Falco has many alarm features and can store usage data for 72 hours. It is available in Europe and other international markets, but has not been FDA-approved for use in the U.S.

www.siare.it



Hayek RTX

Hayek RTX is a biphase cuirass ventilation system, from United Hayek Medical, that controls both the inspiratory and expiratory phases of respiration (unlike the old negative pressure ventilators) and provides higher tidal volumes and higher frequencies. Developed in the U.K., it is now FDA-approved in the U.S. Eleven cuirass sizes (four adult, seven pediatric) are available. It can also be used to assist cough and clear secretions. Weight is 9 Kg.

www.unitedhayek.com

SleepWeaver™ ADVANCE all-cloth nasal mask is new on the U.S. market. Made of the same material as ski clothing, the mask can be cleaned by hand or machine washing and put in the dryer. The life of the mask is about six months. It has been successfully tested at pressures up to 20 cm H₂O. Very small holes serve as exhalation ports. Reading and watching TV are possible when wearing the mask.
www.sleepweaver.com



SleepWeaver™ ADVANCE

Books

Families of SMA Care Booklets. Two new booklets are available. *Breathing Basics: Respiratory Care for Children with SMA* by Mary Schroth, MD, University of Wisconsin, includes topics such as respiratory care management in SMA, breathing exercises, coughing practices for airway clearance, breathing support options, care during a respiratory infection, and special needs of children with SMA Types I, II and III. *Caring Choices* is for parents of infants newly diagnosed with SMA Type I. Sections include information on noninvasive respiratory care, invasive respiratory care, palliative care, and support and guidance. To request copies, email FSMA (info@FSMA.org) or call 800-886-1762.

Pediatric Tracheostomy Home Care Guide by Cynthia Bissell, RN, is now available as a handy pocket guide for \$22.95. Bissell's son Aaron was the inspiration for both the book and Aaron's Tracheostomy Page on the Internet. The book can be ordered online at www.tracheostomy.com. Congratulations to Bissell who was recently presented with the Mother of the Year Award.

Barcelona HMV Conference

The 12th International Conference on Home Mechanical Ventilation (HMV), held March 27-28, 2009, in Barcelona, attracted 1,500 attendees.

Audio recordings and slides from more than 42 sessions are available on DVD for 105€ from OneScience (www.e-onescience.org). Contact Brigitte Hautier, JIVD, brigitte.hautier@free.fr; www.jivd-france.org.

Reports

One Degree of Separation: Paralysis and Spinal Cord Injury in the United States, a report released by the Christopher and Dana Reeve Foundation, presents new information about the prevalence and demographics of paralysis and SCI. The researchers conducted a survey of more than 33,000 households and learned that paralysis is approximately 1.9% of the U.S. population or 5,596,000. Paralysis is broadly defined "... as a central nervous system disorder resulting in difficulty or inability to move the upper or lower extremities." There are recommendations for improving quality of life and finding a cure. www.visualwebcaster.com/Reeve-Foundation-Prevalence-Study ▲