Wound Care Technology Web Site Launched

SKILLMAN, N.J., July 22 /PRNewswire/ -- ConvaTec, announces the launch of a new web site, www.Hydrofiber.com [1], demonstrating how the company's proprietary Hydrofiber Technology is transforming wound care.

Designed for clinicians managing chronic and acute wounds, the web site illustrates the unique features and benefits of Hydrofiber Technology with extensive video, data and commentary from research scientists within ConvaTec Wound Therapeutics. This technology, unique to ConvaTec, powers the performance of advanced wound care products, including AQUACEL, AQUACEL Ag and Versiva XC dressings, each developed for different wound management needs.

"Hydrofiber Technology is the intelligent choice to meet the diverse wound care needs of clinicians and their individual patients," said Michael Steadman, President of ConvaTec Wound Therapeutics. "This exciting, new online resource shows how our high performance dressings not only help clinicians achieve better outcomes and improve the patient experience, but also contribute to cost control."

Wounds can have a significant impact on the costs of both chronic and acute care. For example, U.S. hospital stays for adults during which pressure ulcers were diagnosed increased by 79% from 1993 to 2006, and the cost of 2006 hospitalizations including a diagnosis of pressure ulcers totaled $11 billion.(1) In addition, surgical site infections have been estimated in an analysis of 2005 National Inpatient Sample data to generate $1.6 billion in excess costs to US hospitals per year.(2)

ConvaTec dressings with Hydrofiber Technology gel on contact with fluid, providing clinicians and patients with substantial wound care benefits. This unique gelling action enables the dressings to lock in exudate and its harmful components(3-5a) and contour closely to the wound bed,(6a) in response to changing wound conditions. With the addition of ionic silver, AQUACEL Ag dressing also provides "on demand" broad-spectrum antimicrobial activity, responding to increased bacterial load with increased silver ion availability.(7,8a,b)

Advanced Wound Dressings with Hydrofiber Technology from ConvaTec AQUACEL and AQUACEL Ag dressings are soft, absorbent non-woven wound dressings based on Hydrofiber Technology. Indicated for a wide range of moderate-to-highly exuding chronic and acute wounds, AQUACEL an AQUACEL Ag dressings come in a variety of shapes, sizes and formats. AQUACEL Ag dressing also provides the broad-spectrum antimicrobial properties of ionic silver, which kills a broad range of pathogens in the dressing, including MRSA and vancomycin-resistant enterococci (VRE).(7)

Versiva XC dressing provides all the benefits of Hydrofiber Technology plus a waterproof backing that acts as a barrier against bacteria and viral pathogens,

including HIV and Hepatitis.(c,d) The unique properties of Versiva XC dressing help progress wounds toward healing.(9,10) Indicated for use with moderately-to-highly exuding chronic and acute wounds, because it includes Hydrofiber Technology, Versiva XC dressing is also the only dressing designed specifically to cover AQUACEL and AQUACEL Ag dressings.

ConvaTec dressings containing Hydrofiber Technology have been evaluated in numerous clinical trials across a range of chronic and acute wounds, including pressure ulcers, leg ulcers, diabetic foot ulcers, partial thickness (second degree) burns and surgical incisions.

a. As demonstrated in vitro

b. The amount of silver released is controlled by the maximum concentration of silver that can enter solution.

c. provided the dressing remains intact and without leakage. The use of this dressing neither guarantees nor warrantees against AIDS or Hepatitis virus transmission.

d. use waterproof tape to secure the edges of non-adhesive dressing or dressings that have been cut across the central area

1. Russo CA, Steiner C, Spector W. Agency for Healthcare Research and Quality, Healthcare Cost and Utilization Project Statistical Brief ..64: Hospitalizations Related to Pressure Ulcers Among Adults 18 Years and Older, 2006. http://www.hcup-us.ahrq.gov/reports/statbriefs/sb64.pdf [2]. Accessed July 8, 2009.

2. de Lissovoy G, Fraeman K, Hutchins V, Murphy D, Song D, Vaughn BB. Surgical site infection: incidence and impact on hospital utilization and treatment costs. Am J Infect Control. 2009;37(5):387-397.

3. Waring MJ, Parsons D. Physico-chemical characterisation of carboxymethylated spun cellulose fibres. Biomaterials. 2001;22:903-912.

4. Walker M, Hobot JA, Newman GR, Bowler PG. Scanning electron microscopic examination of bacterial immobilisation in a carboxymethylcellulose (Aquacel) and alginate dressing. Biomaterials. 2003;24(5):883-890.

5. Walker M, Bowler PG, Cochrane CA. In vitro studies to show sequestration of matrix metalloproteinases by silver-containing wound care products. Ostomy Wound Manage. 2007;53(9):18-25.

6. Jones SA, Bowler PG, Walker M. Antimicrobial activity of silver-containing dressings is influenced by dressing conformability with a wound surface. Wounds. 2005;17(9):263-270.

7. Jones SA, Bowler PG, Walker M, Parsons D. Controlling wound bioburden with a novel silver-containing Hydrofiber dressing. Wound Repair Regen.

2004;12(3):288-294.

8. Bowler PG, Jones SA, Walker M, Parsons D. Microbicidal properties of a silver-containing Hydrofiber dressing against a variety of burn wound pathogens. J Burn Care Rehabil. 2004;25(2):192-196.

9. Vanscheidt W, Munter KC, Klovekorn W Vin F, Gauthier JP, Ukat A . A prospective study on the use of a non-adhesive gelling foam dressing on exuding leg ulcers. J Wound Care. 2007;16(6):261-265.

10. Parish LC, Dryski M, Cadden S. Prospective clinical study of a new adhesive gelling foam dressing in pressure ulcers Int Wound J. 2008;5:60-67. Hydrofiber, AQUACEL, Versiva and XC are registered trademarks of ConvaTec

Source URL (retrieved on *09/03/2014 - 12:40am*):
http://www.surgicalproductsmag.com/news/2009/07/wound-care-technology-web-site-launched?qt-recent_content=0

Links:
[1] http://www.Hydrofiber.com
[2] http://www.hcup-us.ahrq.gov/reports/statbriefs/sb64.pdf