

Clinical Study Confirms Safety and Efficacy of Novel Germicidal Device to Help Prevent Hospital-Acquired Infections

BOSTON, MA (SEND2PRESS NEWSWIRE) – Catheter site infections are among the most common and serious hospital-acquired infections. UVSolutions (www.uvs-ultraclean.com) announces that data from a recently completed clinical study confirms its patented catheter site disinfection system (also patented for wound care) is safe and efficacious on the most sensitive skin.



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Hospital-acquired (nosocomial) infections affect 1 in 20 patients and kill more people than car accidents and homicides combined. The CDC estimated that in the U.S. in 1995, nosocomial infections cost \$4.5 billion and contributed to more than 88,000 deaths-one death every 6 minutes. And, of the CDC's 7 Healthcare Safety Challenges, the first is to..."Reduce catheter-associated adverse events by 50% among patients in a healthcare setting."

**(Photo Caption: Catheter Site Disinfection System.)*

Catheters routinely provide hospitalized patients with medication, nutrition, hydration etc. The largest single cause of catheter related infections is colonization of microorganisms around the catheter entry site, under the

dressing. The microorganisms multiply and migrate down the outside of the catheter into the blood stream, causing blood stream infections (BSI's) UVSolutions has developed a novel system to significantly reduce colonization of microorganisms around the catheter site.

The disinfection system includes a palm-sized, battery operated, germicidal ultraviolet device placed over the catheter site to instantly deliver a single flash of UVC light through a proprietary dressing. UVSolutions seeks to partner with market leaders to commercialize the catheter site disinfection system and the wound care system.

"UVSolutions' proprietary Catheter Site Disinfection System is instant and painless. This novel disinfection system will help prevent the buildup of microorganisms around the catheter site that cause infections with a single dose of germicidal UV light per day. The longer a patient requires catheterization, the higher the risk of infection. And, germicidal UVC does not contribute to the development of resistant strains of microorganisms, as do other antimicrobials and antibiotics," reports Sandra Kimball, President of the Boston-based company.

UVSolutions' medical infection control products provide revolutionary low-cost, non-chemical sterilization and disinfection solutions to help reduce escalating incidences and costs associated with nosocomial infections.

UVSolutions' consumer products provide families with low cost, non-chemical, antimicrobial personal care and water purification products in the wake of increasing demand for infection control products.

UVSolutions LLC is a privately held product development company in Boston, Massachusetts. The Company licenses its proprietary products to market leaders. Other products under development include a stethoscope disinfectant and rapid germicidal water purification products for home, travel and personal use. UVSolutions holds a portfolio of patents including the issued "Gatekeeper" patent for catheter and wound site disinfection.

More information:

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