

Study proves using AHP® significantly reduces HAI's



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According to the CDC, Clostridium difficile, Methicillin-resistant Staphylococcus aureus (MRSA) and Vancomycin-resistant Enterococci (VRE) are among the most common pathogens to cause hospital associated infections (HAIs). The emergence of HAIs has placed tremendous pressure on healthcare institutions to improve cleaning and disinfection practices as there is substantial evidence showing that the environment is a significant reservoir for transmission and acquisition of infections.

A recent study published in the American Journal of Infection Control showed that the introduction of a disposable wiping system pre-wetted with an Accelerated Hydrogen Peroxide® (AHP®) disinfectant cleaner significantly reduced the rate of HAIs caused by key pathogens, including C. difficile, MRSA and VRE, over a one year period. "Ensuring there is sufficient research aimed at investigating and identifying optimal approaches to environmental cleaning and disinfection has been a long time focus of Virox, and we are thrilled with the results of the most recently published study" said Randy Pilon, President and CEO of Virox® Technologies Inc.

Dr. Michelle Alfa, the lead researcher for the study when interviewed by CTV News stated "Housekeepers are at the frontline in the battle of the bugs. If products are not applied to the surface properly we will not see a beneficial result. Our study showed over the course of one year that we avoided 115 transmissions - in my opinion that is mind boggling". As concluded by the study, Dr. Alfa and her research team found there were 3 key components to ensure reduction of HAIs:

1. A clearly defined housekeeping protocol with education (including an assessment of the adequacy of housekeeper performance);
2. Routine housekeeping compliance monitoring with staff feedback and a minimum of 80% compliance;
3. The use of an effective disinfectant cleaner.

"Eliminating pathogens from patient rooms is the most efficient and effective way to lower the risk of hospital-associated infections," said Nicole Kenny, Sr. Director, Professional and Technical Services at Virox Technologies, a respected infection prevention and control educator and creator of the popular blog, Talk Clean to Me.

AHP's unique disinfectant technology is based on hydrogen peroxide, which breaks down to oxygen and water after use and leaves no active residue, allowing healthcare institutions to protect staff, patients and visitors from the harmful effects of dangerous chemicals used in today's popular disinfectants. AHP is a globally patented disinfectant technology, licensed by Virox Technologies Inc to Diversey Care, a division of Sealed Air Corp., a leader in infection prevention in healthcare, food safety and security, facility hygiene and product protection. The AHP formulation used in this study is a ready-to-use disinfectant, registered by both Health Canada and the US EPA as an intermediate level hospital disinfectant with a 1 minute bactericidal and virucidal kill time allow. AHP stays wet on surfaces longer so only one application is needed to kill dangerous pathogens that can lead to HAIs, while still complying with federal regulations.

The study is available on-line as an Open Access using the following link:

[http://www.ajicjournal.org/article/S0196-6553\(14\)01284-X/abstract](http://www.ajicjournal.org/article/S0196-6553(14)01284-X/abstract)

To learn more about our patented Accelerated Hydrogen Peroxide technology, please visit our website www.virox.com

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