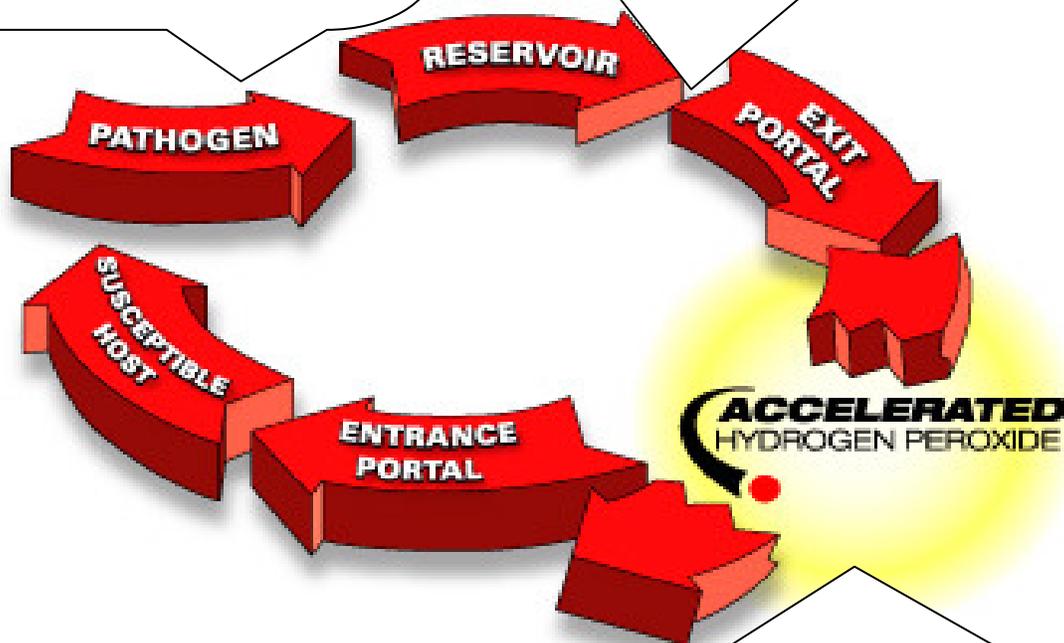


Swine Influenza (H1N1)

Swine Influenza (Swine Flu) is a respiratory illness in pigs caused by type A influenza virus (most commonly H1N1 variant). Swine flu can infect humans and presents itself very similarly to typical influenza. Symptoms include fever, lethargy, lack of appetite and coughing. Some have reported runny nose, sore throat, nausea, vomiting and diarrhea.

PATHOGEN: Swine Flu (Influenza Type A) is a highly contagious **enveloped virus** that causes respiratory infections. Influenza viruses can survive for 24-48 hrs on hard non-porous surfaces but are expected to be readily inactivated by hospital grade disinfectants. It has not yet been determined how long Swine Flu specifically can live on an environmental surface.

TRANSMISSION: Influenza is easily spread by direct person-to-person contact through droplets from a sneeze or cough or indirectly from touching contaminated surfaces or equipment. Hand washing is extremely important.



BREAKING THE CHAIN: Routine cleaning and disinfection of the patients' surroundings should be done daily to reduce the risk of transmission using an EPA or DIN registered Hospital Grade Disinfectant with special consideration taken for cleaning and disinfection of hand contact surfaces and non-critical equipment. For "Comfort and Confidence" a disinfectant technology with the highest level of virucidal activity (meaning can inactivate the gold standard tough-to-kill non-enveloped viruses such as Norwalk, Rotavirus, Polio and Parvovirus) has obvious advantages.

AHP's EFFICACY: Accelerated Hydrogen Peroxide is one of the most effective and safest disinfection products on the market and is specifically well known for its ability to inactivate both easy to kill viruses as well as those that are very difficult to kill.

As of April 26, 2009, human cases of Swine Flu have been reported in the USA (20 lab confirmed), Mexico (>1200 clinically confirmed) and Canada (6 lab confirmed). This will likely change daily, as more cases likely will be reported. No deaths have been reported in the US or Canada, however, 86 deaths have been reported in Mexico. **Currently, no information is available to suggest that infection control procedures, outside of those typically implemented to address influenza, are required when dealing with Swine Flu.**

Infection Control Best Practices should include:

- Hand Hygiene before and after patient contact.
- Appropriate use of Personal Protective Equipment (masks, gloves and eye protection).
- **Cleaning and disinfection of all shared items.**
- **Cleaning and disinfection of all patient contact surfaces.**

Implications for Accelerated Hydrogen Peroxide:

Accelerated Hydrogen Peroxide (AHP) has gained a reputation for being one of the most effective and safest disinfection products on the market. Unlike most disinfectant technologies, AHP is a very good cleaner as well as an **exceptional virucidal agent**. AHP-based products provide terminal disinfection against both enveloped (easy to kill viruses such as Influenza A) and non-enveloped viruses (difficult to kill viruses such as Poliovirus, Norovirus, Parvovirus, Rhinovirus and Rotavirus). The Virucidal claims (1-5 minutes) of AHP products provide an added level of **"comfort and confidence" in the event of a viral outbreak**. Chemistries such as quats and alcohols do not have claims against difficult to kill non-enveloped viruses. In an outbreak situation and when dealing with a relatively unknown virus such as the H1N1 Swine Flu or its strains, confidence **is key**.

AHP's superior virucidal efficacy was recognized and subsequently **recommended** for the cleaning and disinfection of surfaces within all major healthcare facilities in Ontario Canada during the widely publicized **SARS** epidemic in early 2003. SARS was an unknown virus at the time, and therefore it was deemed exceedingly important to employ the most effective virucidal chemistry to combat its spread. AHP was chosen because of its unique ability to balance rapid effectiveness with user and patient safety.

At the use dilution, AHP is non-toxic, non-irritating to skin and eyes, free of volatile organic compounds, fragrances and dyes making it very user friendly and environmentally preferable.

THERE IS A REASON OUR COMPANY NAME IS



VIR- VIRUS

OX- OXIDIZER