

Sanosil International
Daycare Case Study:
*Nemours-Alfred I. DuPont
Hospital for Children,
Early Learning Center
Wilmington, Delaware*

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Evaluation and Adoption of Sanosil's Halo™ Fogger to Reduce Sick Days Caused by Infection

Summary

In 2011, the onsite Early Learning Center at Nemours - Alfred I. duPont Hospital for Children evaluated and implemented supplemental cleaning and disinfection practices including the Halo Fogger. The facility was successful in significantly reducing the number of days where children went home sick, and thus requiring parents on the hospital staff to leave work early to care for them.

Background

Nemours Alfred I. duPont Hospital for Children in Wilmington, Delaware is ranked among the best children's hospitals in the nation by U.S. News and World Report. They've earned the prestigious Magnet® Designation for nursing excellence from the American Nurses Credentialing Center (ANCC) and their doctors are named, year after year, as some of the Best Doctors in America®. The facility provides intensive and acute specialty pediatric care in a family-centered, kid-friendly environment. Board-certified specialists take a whole-child approach to healing by integrating advanced clinical care with research, education, and prevention.

In 2011, after experiencing an outbreak that affected all thirteen rooms in the Early Learning Center daycare facility, the Center's leadership team researched safe and effective products and procedures that had the potential to reduce infection rates among children. The Center accommodates children of hospital staff and services 65 families and nearly 100 children on a daily basis.



Disinfectants with a Clean Agenda™

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The Early Learning Center at Nemours – Alfred I. duPont Hospital for Children evaluated many alternatives and ultimately installed a hand washing and disinfection station at the entrance to the daycare and developed procedures for staff, parents and children. Additionally as a supplement to existing daily cleaning and disinfection practices, the Halo Fogger was deployed treating three rooms per night while the facility was vacant.

Results

Parents and staff were an integral part of the commitment to reduce illness so ongoing communication about processes and procedures was conducted by newsletters, bulletin boards and verbally during meetings and informal interactions. During a three-month evaluation period, the Early Learning Center at Nemours – Alfred I. duPont Hospital for Children's experienced a significant decrease in absenteeism caused by illness.

Due to the success of the trial, the facility adopted the Halo Fogger into routine daily cleaning and disinfection practices.

Conclusion

The Halo Fogger and disinfectant from Sanosil International were effective in significantly reducing sick days at the Early Learning Center at Nemours – Alfred I. duPont Hospital for Children. After the successful three month evaluation, all childcare rooms are fogged on a rotating schedule and ongoing basis as part of daily cleaning and disinfection practices.

Additionally, Sanosil fogging technology is actively under evaluation by sister properties looking for infection control solutions. The goal is to show a reduction in absenteeism caused by illness.