

Hospital Case Study

ESS Electrostatic Spray Disinfection

A large healthcare system in Pennsylvania began using ESS electrostatic sprayers extensively in 2018. The healthcare system originally adopted the sprayers as a faster replacement for disinfecting foggers, but they rapidly found the sprayers have much broader applications.

The Director of Environmental Services at one of the system's hospitals explained how her facility uses the ESS sprayers. The hospital, with over 200 beds, has a dozen sprayers, and they are in almost constant use.



Here are some of the most common ways the sprayers are used at the hospital.

Room turnover Staff spray patient rooms at every turnover. Spraying is far faster than fogging or UV disinfection – it can be accomplished in just minutes – while the electrostatic charge in the spray mist ensures comparable coverage to fogging. Switching to spraying rather than fogging has cut down on the time needed for every discharge and transfer.

Isolation transports When patients requiring isolation enter the hospital, EVS staff immediately follow along their travel path, spraying down hallways, elevators and other spaces the isolation patient has passed through.

Isolation rooms Every isolation room is sprayed down after every patient use.

Operating Rooms Operating rooms are sprayed down every night.

Public and non-public areas Lobbies and registration areas, busy hallways and high touch surfaces are sprayed multiple times throughout the day. Offices and less-trafficked areas are sprayed daily.

Patient room bathrooms Patient bathrooms are sprayed daily while patients are occupying the patient room.

Green spray disinfecting leads to enhanced patient satisfaction This healthcare system uses a green, broad spectrum disinfectant called Aquaox 525. It is non-toxic and safe for humans and the environment, yet highly effective. Because the disinfectant is non-toxic, the Environmental Services team is able to conduct their spray disinfection in view of patients and visitors. This visible spraying *enhances patient satisfaction* and reassures community members that the hospital takes infection control seriously.

CREST
HEALTHCARE®

📞 800.328.8908

📠 800.369.9207

🌐 CrestHealthcare.com