LONG TERM CARE FACILITY REDUCES WATER AND CHEMICAL USAGE WITH HYGEN™ SYSTEM

Matthew Davison is an EVS director at White Oak Manor, a small chain of long term care facilities across the southeast of the United States. The York, South Carolina facility is a skilled nursing center with 109 beds that provides a range of services from outpatient rehabilitation to nursing care.

The cleaning protocol at the facility was to use traditional wet mop and mop bucket to clean the floors. Patient rooms and general spaces are mopped at least once daily. The cleaning procedure required that the water and floor cleaning chemical in the mop bucket be changed out after mopping two patient rooms. This resulted in White Oak Manor using 210 gallons of their cleaning solution (water + chemical) per day and the staff members changing out the water and chemical solution over ten times during each shift.

While meeting with his distributor, Davison was introduced to Rubbermaid Commercial Products' HYGEN™ Microfiber System and the High-Security Janitorial Cleaning Cart as a solution to improve his current cleaning process.

The HYGEN™ Microfiber System provides an efficient and effective clean for healthcare facilities. This system uses flat mopping with microfiber mop pads that remove 99.9% of microorganisms, with water only[1], to help maintain healthy and safe environments. The absorbent inner layers of the HYGEN™ microfiber mop pad help hold the cleaning solution to clean up to 250 sq. feet per pad. The High-Security Janitorial Cleaning Cart is ideal for storing and moving all cleaning supplies and waste from room to room within healthcare facilities.

Davison implemented the HYGEN™ Microfiber System and the High-Security Janitorial Cleaning Cart at the York, South Carolina facility. After converting from wet mopping to flat mopping, he found that he only required 6 gallons of solution a day (vs. 210 gallons). Over the course of a year, he was able to reduce 73,440 gallons of his solution, resulting in a **97.14% reduction in chemical and water usage.**[2] Along with a drastic water and chemical reduction, his cleaning process was faster and more efficient due to time saved from changing out the water from the mop buckets 10 times per shift.

The new cleaning procedure and tools enabled Davison's facility to operate more efficiently and sustainably. Considerations for sustainability are especially important within healthcare facilities where daily water consumption per occupied room is 3.5x higher, on average, than the average American's water consumption.[3]

Davison was recently transferred to the Charlotte, North Carolina location. He was so pleased with the reduction in water and chemical usage and the increased efficiency of his staff, that he converted the Charlotte location's 180 bed long term care facility to the HYGEN™ Microfiber System.

EXECUTIVE SUMMARY

97.14% reduction of chemical and water usage resulting in **73,440 gallons saved within a year.**[1]

Faster and more efficient cleaning process by eliminating need to change out water from the mop bucket 10x per shift.

The HYGEN™ microfiber mop pad holds **cleaning solution for up to 250 sq. ft.**

"RCP has always had high quality products which is why I decided to try the HYGEN™ Microfiber System. It is easy for my team to use and provides a great clean with significantly less water and chemicals."

MATTHEW DAVISON
EVS Director at White Oak Manor
Charlotte, North Carolina

[1]Based on third-party test results

[2] Based on results calculated and provided by White Oak Manor over the course of a year. Individual results may vary based on facility cleaning guidelines and usage.

[3] Silvis, Jennifer. "HCD Mag." HCD Magazine Hospitals Can Tap Into Savings Through Water Conservation Comments, 2013, www.healthcaredesignmagazine.com/architecture/saving-water-saving-money/