

Effective and efficient dusting is a priority at new trauma center.

3M Commercial Solutions Division | Facility Care Solutions for Cleaning and Safety

Case Study

Zuckerberg San Francisco General Hospital and Trauma Center

Challenge: As a level 1 trauma center, the facility management team consistently encounters unique cleaning challenges that need to be addressed quickly and efficiently. Due to the hospital's immense size, dust and debris removal is a huge undertaking.

Product Selection: The 3M™ Easy Trap™ Dusting System was implemented for floor, surface and high dusting as part of a multi-faceted cleaning plan.

Benefits: Versatile and easy to use, the product traps and removes debris quickly and efficiently, picking up to 8X more hair, dirt, dust and sand than conventional mops.

“The 3M™ Easy Trap™ Dusting System has been a great tool. If we just wet mop the floor with a microfiber mop, a slight film is left on the surface. However, if we use the 3M™ Easy Trap™ Sweep and Dust Sheets before mopping, it eliminates the debris on the floor.”

— Francisco Saenz,
EVS Director



Project Scope

Zuckerberg San Francisco General Hospital and Trauma Center is the only level 1 trauma center in San Francisco and northern San Mateo County. In total, the facility is 448,000 square-feet with 283 beds and treats more than 3,900 patients annually. Additionally, the hospital provides 24-hour trauma care, is the first Acute Care Unit for the elderly in the state and is the only World Hospital Organization “Baby Friendly” hospital in San Francisco.

Situation

The facility has approximately 390,000 square-feet of flooring that requires daily cleaning. Francisco Saenz, EVS Director, noted that just wet mopping the floor with a microfiber mop leaves a film that can be seen on the floor, impacting the facility's overall appearance. Plus, dust and debris may contain harmful microorganisms that can put patients at risk for secondary infections. Remarkably, a recent study demonstrated that *C. difficile* forms spores can survive for months in dust.¹

Additional cleaning challenges include the facility's expanded trauma center and several high-activity zones, like the emergency room. There are multiple flooring systems, laminate artwork throughout the building and approximately 250 private patient rooms.

Due to the facility's size and level of activity, the build-up of dust and debris was not only affecting its appearance, but also posing a health risk to patients.

3M Solution

The hospital partnered with 3M to identify the best cleaning solutions for its unique facility and selected the 3M™ Easy Trap™ Sweep and Dust Sheets for its dusting needs.

The solution was implemented in the beginning of the floor cleaning process by dusting with Easy Trap sweep and dust sheets to eliminate dust and debris before wet mopping. The product use was extended throughout the facility for high dusting, eliminating the need for other tools. The sweep and dust sheets are easy to use and require little to no training. The dusting step can be quickly implemented without disrupting the hospital activity. Most importantly, the product is safer for employees as it captures dust without spreading it and can be used on both wet and dry surfaces.

A proactive dusting strategy, like this one, also helps reduce the risk of secondary infections by eliminating dust that may contain harmful microorganisms.

Result

Saenz reported that the Easy Trap sweep and dust sheets effectively removed dust and debris from floors and surfaces.

The hospital's cleaning and maintenance staff of 197 individuals has been utilizing the 3M™ Easy Trap™ Dusting System for approximately 10 years. Using the product to sweep before wet mopping eliminated the dust and debris that was leaving a haze on the floor. In addition, the product has prolonged the life of the floor as it eliminated the need for excess chemicals or harsh stripping and scrubbing. Saenz also noted that the versatility of the Easy Trap sweep and dust sheets allows his porters to utilize the product for high-dusting, taking the guesswork out of surface cleaning.

References

¹ <http://journals.rcni.com/doi/abs/10.7748/nop2010.04.22.3.29.c7633>



3M Commercial Solutions Division
3M Center, Building 220-12E-04
St. Paul, MN 55144 USA

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Pick up what others leave behind.

The 3M™ Easy Trap™ Sweep and Dust Sheets utilizes unique, patented technology to trap and remove debris quickly and efficiently, picking **up to 8X more** hair, dirt, dust and sand than conventional mops as well as a popular professional version of the common household disposable sweeping dust cloth brand — and provides efficient and sustainable cleaning benefits including:

Unique.

Glides and traps hair and debris — even on wet floors.

Convenient.

Disposable dust sheets can be torn to fit the length of your existing floor dusting tools.

Versatile.

Work with nearly any tool, eliminating the need to buy something new.

More Sustainable.

Sweep and dust sheets contain a minimum of 60% recycled content. Packaging is made from a minimum 65% total recycled content with minimum of 35% post-consumer waste.

For more product information, visit 3M.com/easytrap