

PCS contracted NSF International to provide pre and post hospital disinfecting cleaning microbial audits in three separate hospitals and repeat the studies using PCS Apply and Dry cleaning.

Results		
Average hospital colony forming units (CFU) Pre and Post cleaning existing processes		
	Pre CFU	Post CFU
1. Community Hospital medical ward 60% isolation patients Daily cleaning with hydrogen peroxide disinfectant cleaner	6.33	3.18
2. Michigan Teaching Hospital daily sporicidal cleaning	10.9	4.61
3. New teaching hospital daily cleaning with Quaternary disinfectant cleaner	4.12	0.601

Results		
Average hospital colony forming units (CFU) Pre and Post cleaning PCS Apply and Wipe Dry Process		
	Pre CFU	Post CFU
1. Montreal Community Hospital	3.91	0.60
2. Michigan Teaching Hospital	10.9	1.53
3. New Teaching Hospital Montreal	7.84	0.263

	Pre CFU	Post CFU
AVERAGE OF THE THREE HOSPITALS CURRENT CLEANING PROCESESS	5.01	2.797
AVERAGE OF THE THREE HOSPITALS PCS Apply and Dry Process	7.55	0.798
No C. difficile spores where detected in any of the samples tested.		

The target level of cleanliness immediately after cleaning is less than 1 CFU per square centimetre

The existing cleaning processes on average did not meet this target level of cleanliness

What is obvious from these studies is that one step hospital cleaning and disinfecting is not on average accomplishing the desired level of cleanliness of less than 1 CFU per square centimetre

Time to Switch to PCS Hypochlorous Water Surface Cleaning Without Harming Apply and wipe Dry with PCS microfibre cloths

Scientifically proven to remove 99.17 % of vegetative bacteria Staphylococcus aureus and 92.80 % of C. difficile spores. Leaving only a few microorganisms for subsequent application of disinfectant

PCS 1000 Plus Oxidizing Disinfectant Cleaner DIN: 02521431

Broad spectrum hospital disinfectant and broad spectrum virucide

Apply to surfaces after PCS Hypochlorous Water Cleaning without Harming to Oxidize remaining residues of bacteria, viruses and bacterial spores to safe levels of less than 1 CFU per square centimetre