

THE PRICE of DISINFECTANT WIPES is OFFSET by the LONG TERM SAVINGS in COMPLIANCE, EMPLOYEE TIME and COSTS

Study by Timothy Weimken and others (AJIC, 2014)

Summary:

When cleaners use Disinfectant Wipes, rather than traditional cloth/bucket methods, they clean quicker, more effectively, with better compliance, resulting in cost savings.

In this randomized, unblinded study involving environmental service workers (cleaners), the **VALUE** of disinfectant wipes versus traditional cleaning methods was measured. The chemical used for both methods was the same – [sodium hypochlorite](#). All surfaces were validated by fluorescent marker ink without the participants' knowledge.

In the standard group, the investigators found compliance issues related to improper dilution, inappropriate cloth solution (cotton instead of microfibre), double dipping of cloths, re-using cloths after touching the floor, and inadequate saturation of cloths. Those compliance issues were subsequently linked to *Clostridium difficile* infection.

But after using disinfectant wipes, it was noted that the human error component was eliminated. The increased compliance was related to the ease of obtaining a new wipe when the previous one became dry or contaminated.

Importantly, the increased compliance lead to two outcomes:

1. Reduction in HAIs
2. Direct time-related cost saving of \$38.58 (USD) per employee per day.

The results here with sodium hypochlorite are translatable to any disinfectant wipe chemical, including AHP.