



Validation of Clostridium Difficile spore elimination in flusher disinfectant model Ninjo/FD16-series.

- Commission** Getinge Disinfection AB Växjö
- Aim** Investigation of elimination efficiency on Clostridium difficile spore on bedpans and urinals washed in disinfectant model Ninjo/FD16-series (FD1600, FD1605, FD1610, FD1615) according to EN 13697.
- Time, place** 2th September 2015; Getinge Disinfection AB Växjö
- Machine ID** BAA061872
- Technical data** Detailed technical data, concerning connections to electricity-, water-, and steam supplies, tubing- and pump-system, spray arms and tank, heating, program parameters and control system, etc., see documentation provided by the manufacturer.


Program

Program	Program name	Cleaning Phases	Water consumption
P04	Extra Intensive + detergent cycle	Phase 1 – Cold water Phase 2 – Mixed water Phase 3 – Hot water Phase 4:1 – Hot water Phase 4:2 – Hot water + Detergent Phase 5 – Hot water	30,5 ± 2 liter/cycle including drying/cooling fan phase

The dosing volume was set to 30 ml/cycle and GETINGE Clean Flusher Detergent (Alkaline) was used for Load 1, Load 2, Load 3. Surewash detergent (Alkaline) was exclusively used for Load 4. The dosing volume was monitored and verified after each test cycle run.

- Summary** Visually inspection of the bedpan and urinal after the process showed that no remaining soil could be seen.
Recovery of Clostridium difficile spores after cleaning was < 1 colony forming unit in median per load.
After the process the median reduction factor was $\geq 5,3$ for all receptacles. All tested subject had a RF (reduction factor) that was $\geq 4,5$.
This means that disinfectant model Ninjo FD 1600 is approved according to the requirements of EN 13697

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