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Microbiological checks of dispensers for pre-saturated surface disinfection wipes – Recommendations for clinical risk areas

Procedure in accordance with the recommendation of the German Association for Applied Hygiene (VAH) [1]

1. Carry out a membrane filtration of 10 ml of the disinfection solution in the wipes dispenser (0.45 µm pore size)
2. Afterwards, rinse with 100 ml of 0.9 % NaCl solution
3. Use sterile forceps to place the membrane filter (preferably free from air bubbles) on casein peptone-soymeal peptone agar with an inhibitor validated in the product expertise (e.g. 3 % Tween 80, 3 % saponin, 0.1 % histidine, 0.1 % cysteine)
4. Incubate for 72 hours at 37 °C

This measure should be carried out with all wipes dispensers once a year. The result is to be evaluated by a hospital hygienist.

Literature:

1. Desinfektionsmittel-Kommission im Verbund für angewandte Hygiene e.V.: Kontrollmaßnahmen bei der Anwendung von Tuchspendersystemen für die Flächendesinfektion in Abhängigkeit vom Risikoprofil. In: Hygiene & Medizin 2013, 38 (3): 108–109.