

HILOTHERM devices

Hygiene Guideline for devices and cuffs

1. Subject

HILOTHERM information letter on the topic "Hygiene Guideline for cleaning and disinfection of devices and cuffs"

2. Description

This **S**ervice **I**nformation **L**etter (SIL) is the guideline on how to create and maintain a hygienically risk-free cooling circuit in HILOTHERM devices.

This information letter describes the procedure for cleaning and disinfecting devices and cuffs. Sections 4 ff and section 9.7 in the latest version of the instructions for use are explained.

If the Hilotherm devices are used on immune-compromised people or in rooms/buildings where immunosuppressed people are present, e.g. in hospitals, then care must be taken to ensure that the devices, accessories and the cuffs are hygienically safe.

3. Disinfectant

The disinfectant approved by HILOTHERM is **Sanosil S003**.

Sanosil disinfectants are so-called multi-component disinfectants. Hydrogen peroxide is used as an oxidizing agent, which is bound with colloiddally dissolved silver to form a complex solution.

Sanosil S003 is a DGHM/VAH certificated, very flexibly applicable universal disinfectant with long-lasting depot effect.

S003 is suitable for:

- Water disinfection
- Surface disinfection (no follow-up treatment required)
- Wipe disinfection (no follow-up treatment required)
- Spray disinfection (no follow-up treatment required)

Product Type

- Ready to use

Effectiveness:

- Bacteria, viruses (Influenza), yeasts and fungi

Contact time:

- 1 – 30 min.* (DGHM 15 min with high organic load)
- * depending to germ type, temperature, organic load and surface

Shelf life:

- 2 years

Active ingredients:

- 1,5% Hydrogen peroxide, 0,0015% silver

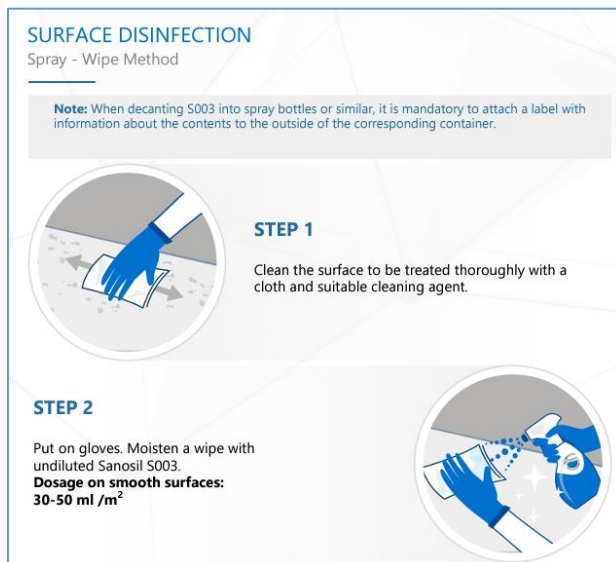
Safety Precautions:

- None

Sanosil is also effective against Biofilm deposits.

For the various disinfection tasks (surface disinfection, wipe disinfection, spray disinfection) the disinfectants approved in hospitals and care facilities can be used, provided that they have been approved and validated in accordance with the rules applicable in the facilities.

In this case, a consultation with HILOTHERM is recommended even as the HILOTHERM products can withstand most disinfectants.



Further Informations to SANOSIL S0003 (Safety data sheet SDS and brochure) are on the webpage www.Sanosil.com

4. Cleaning and disinfection process

The disinfection cycle for i. and iii. must be determined by the hospital/facility itself, because that cycle depends on the general hospital/facility guidelines.

The method of application of the disinfectant and the exposure time are specified by the application specification of the disinfectant

i. Device disinfection

i. Surface

The device surface is disinfected by wiping and in inaccessible areas by spray disinfection.

ii. Device interior

The interior of the device can be disinfected in a cold spray disinfection chamber.

iii. Water circulation

QM-SIL-20241022_xx hygiene guidelines for cooling circuits is applicable.

ii. Cuff disinfection

There are single-patient-use cuffs and multiple use cuffs.

Single-patient-use cuffs are usually disposed of after use or remain in the hands of that one patient for repeated use.

Multiple-use cuffs are used on several patients; ***appropriate disinfection must be carried out when moving from one patient to another***

i. Cuffs inside

The inside of the cuffs either lies directly on the skin or via an intermediate layer on the body surface. The inside of the cuff is always smooth and is disinfected by wiping disinfection.

ii. Outside of the cuff

The outside-facing side of the cuffs can either be made of insulating fabric material or can be smooth. In case of a smooth surface, wipe disinfection should be used. For fabric-like surfaces, spray disinfection is used.

iii. Accessories disinfection

The outside-facing side of the cuffs can either be made of insulating fabric material or can be smooth. In case of a smooth surface, wipe disinfection should be used. For fabric-like surfaces, spray disinfection is used.

valid from 05.11.2024


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