

Supplementary notes for the disinfection of MDR¹⁾-pathogen contaminated devices.

This manual applies to the use of Keredusy® in conjunction with water.

¹⁾MDR multidrug-resistant

The Keredusy® disinfection process with water is effective against the following germs:

- aerobic gram-positive cocci
- fungi
- aerobic gram-negative rods
- yeasts

The Keredusy® disinfection process with water is effective against the following multidrug-resistant germs:

- Methicillin-resistant Staphylococcus aureus (MRSA) and oxacillin-resistant Staphylococcus (ORSA)
- multi resistant gram-negative pathogens (rod-shaped) (MRGN, 3MRGN, 4MRGN)
 - Extended-spectrum β -lactamase (ESBL) forming pathogens
 - Escherichia coli
 - Klebsiella (K. oxytoca, K. pneumoniae)
 - Enterobacter spp.
 - Pseudomonas aeruginosa
 - Acinetobacter baumannii
- New-Delhi-metallo- β -lactamase (NDM), Verona-integron-encoded metallo- β -lactamase (VIM), German-imipenemase (GIM-1) forming pathogens
- Carbapenemase (KPC) forming pathogens

The Keredusy® is in combination with water **not** effective against tuberculosis pathogens and the following MDR germs:

- Vancomycin-resistant Enterococci like Enterococcus faecium and faecalis (VRE) or also glycopeptide –resistant Enterococci (GRE)
- Clostridium difficile

No disinfection with KR1000!

No disinfection with KR2000 and water!

KR1000

MDR-pathogen contaminated medical devices have to pass through the processing steps in accordance to the manual of the KR1000, have to be done **twice** to ensure the disinfection of the device interior.

KR2000

By usage of water for disinfection of MDR-pathogen contaminated medical devices, the processing steps in accordance to the manual of the KR2000 have to be done **twice** to ensure the disinfection of the device interior.

For all Keredusy® operators:

The pick-up of the contaminated medical device from the patient has to be done only by authorized and instructed personnel. Please also note our shipping instructions for sending contaminated respirators for disinfection.

Locally:

1. removal of disposal materials,
2. disinfection of the surface from the device with a disinfectant (e.g. Mikrozid Liquid Spray) immediately,
3. careful bagging while wearing disposable protective gloves, disposable apron and if necessary disposal mouthguard,
4. disposal of the personal protective equipment,
5. delivery by logistic companies to a qualified provider, if possible in the original packaging of the manufacturer.

Recommendation:

Before a hygienic processing of MDR-contaminated medical devices with the Keredusy® disinfection technology we suggest hygiene training by Medizin & Service GmbH.

This short instruction does not substitute the KR1000 Keredusy® or KR2000 Keredusy® manual and the briefing by manufacturer respectively its commissaries!

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