



# Technical Operations

Technical Marketing

## Coronavirus SARS-CoV-2

### Information package SARS-CoV-2, rev.1b

#### Summary

This is revision 1b of the Technical Newsletter sent on 18 March. Changes are in red.

This Technical Newsletter informs about an information package on disinfection of haemodialysis machines, hygiene measures in case of technical processes and possible measures in case of delay of disinfection or sampling of water treatment systems.

#### Departments affected:

Training Center Application & Technical	<input checked="" type="checkbox"/>
Technical Marketing	<input checked="" type="checkbox"/>
Project Engineering & Support Dialysis-IT	<input type="checkbox"/>
Infrastructure Water Treatment	<input checked="" type="checkbox"/>
Technical Coordination Office	<input checked="" type="checkbox"/>
Technical Operations Management	<input checked="" type="checkbox"/>
Technical Service Germany	<input checked="" type="checkbox"/>
NephroCare Manager / NephroCare Operations Manager	<input checked="" type="checkbox"/>

#### Appendix:

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## 1. Content

Regarding SARS-CoV-2 following information letters are available:

### 1. HD Machine Disinfection in case of SARS-CoV-2

File: "Machine Disinfection SARS-CoV-2\_**r1b**.pdf"

Content:

Handling of Fresenius Medical Care haemodialysis machines that have been used to treat patients with COVID19 (Coronavirus SARS-CoV-2 infection), e.g. 4008S classix, 5008S CorDiax/5008 CorDiax, 6008 CAREsystem or GENIUS®-Therapy System, multiFiltrate, multiFiltrate PRO, **sleep.safe, sleep.safe harmony, BCM – Body Composition Monitor, ThermosafePlus, surface of Fresenius R.O. systems, NxStage**, or apheresis devices, e.g. Art Universal

Clarification of recommendations in case of SARS-CoV-2 to include also general prophylaxis against hospital infection:

"SARS-CoV-2 is an enveloped virus, thus disinfectants with an at least **virucidal activity against enveloped viruses** must be used. Apply at the specified concentration and contact time for **prophylaxis against hospital infection** in accordance with locally applicable standards and for at least **virucidal against enveloped viruses**, using a concentration and contact time to cover both. Suitable products are, e.g. surface disinfectants ClearSurf (1% - 15 minutes contact time) or Freka-NOL (undiluted, 1 minute contact time)."

Addition:

"For NxStage please refer to the additional guidance from the US. During the current poor availability of disinfectants, the following products with the manufacturer's stated effectiveness against corona viruses can also be used temporarily: PDI Sani-Cloth 70 and Sani-Cloth Active (application solution or wipes)."

Added new file: "NxStage-Patient-Communication-Coronavirus-Mar2020 (1).pdf"

### 2. Hygiene Measures during technical activities

File: "Hygiene Measures during technical activities SARS-CoV-2\_**r1**.pdf"

"C-OI-19-01Hygiene measures during technical activities in healthcare environments.pdf"

Content:

For technical processes like service procedures such as repair and servicing of a machine basic hygiene measures and personal protective equipment requirements are necessary, as described in SOP C-OI-19-01. In addition, local hygiene measures of the clinic and/or Fresenius internal guidelines regarding SARS-CoV-2 must be observed. Technical works in a COVID-19 patient room should be avoided.

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Reference to FFP2 masks removed: "If this is not possible, **medical masks**, gowns and gloves have to be worn before entering a room with a COVID-19 patient.". FFP2 masks are only necessary during aerosol-generating procedures performed on COVID-19 patients (WHO guidance). Thus visitors / technicians have to wear **medical masks**, gowns and gloves, before entering a room with a COVID-19 patient.

### 3. Water Treatment Disinfection and Sampling (related to FQRs and 3<sup>rd</sup> parties)

File: "Postponed Water Treatment Disinfection and Sampling SARS-CoV-2.pdf"

Content:

Due to possible access regulation for external employees in dialysis clinics and intensive care units (ICUs), it may not be possible anymore to perform (regularly scheduled) disinfection or sampling of small/single water treatment devices requiring chemical disinfection (e.g. Aqua UNO, Aqua WTU, etc.) in intensive care units and dialysis clinics. The document gives advice in case of sampling or disinfection of the devices is not possible.

As the spreading of Coronavirus SARS-CoV-2 is ongoing, local service organisations resp. repair shops should be prepared to ensure staff safety and business continuity. Personal contacts should be avoided as far as possible, e.g. by creating physical distance at the workplace or other organisational measures such as working time models which reduce the simultaneous presence of many people and mixing of different people.

Please keep in mind, that increased chlorination of drinking water by the water suppliers may take place. Thus, pay special attention to the daily chlorine measurement, to protect both our patients and our reverse osmosis systems.

## 2. Contact

Do you have any questions concerning this Technical Newsletter?

Do not hesitate to contact us:

### Dr. Alla Schmittel

Senior Expert Marketing Services / FQR EMEA

T +49 6172 608 2763

[Alla.Schmittel@fmc-ag.com](mailto:Alla.Schmittel@fmc-ag.com)

### Thomas Pohl

Expert Director Marketing Services

phone: +49-(0)6172-609-8357

mailto: [thomas.pohl@fmc-ag.com](mailto:thomas.pohl@fmc-ag.com)

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