

TO WHOM IT MAY CONCERN

April 24, 2020

+ + + Technical Note on Covid-19 + + +

In view of the current situation of the corona pandemic, we have compiled the following recommendations for action to disinfect our CPET system



- If possible, the masks should be sterilized (only the face mask, without mask adaptor, bracelet and headgear) or disinfected according to the instructions for cleaning of the mask used. Headgear and bracelet should be disinfected accordingly.
- The tubes should be disconnected from the **Ergoclip** to allow a disinfection bath instead of the usual wipe disinfection
- Following steps must be performed for disinfection of **Mask Adaptor, Ergoflow** and **Ergoclip**:
 - Rinsing with clear water to remove visible contamination
 - Disinfection bath for the duration stated by the manufacturer of the disinfectant
 - Rinsing with distilled water
 - Proper drying without heat (if necessary, moisture in pins and pressure offtake holes must be removed with a needle)
- After drying, the tubes can be connected again with the **Ergoclip** as following:
 - Blue tube in the center
 - Milky tube on the pin which is closer to the center pin
 - Clear tube on the pin which is further away from the center pin
- We recommend following disinfectants, which have been tested for compliance with our device and which are virucidal or have been confirmed as effective against Covid-19:
 - Bomix plus (Bode / Hartmann)
 - InstruPlus (Dr. Deppe)
 - Combi Instruments N (Antiseptica)

If any other disinfectant is used, its effectiveness against Covid-19 should have been confirmed by the respective manufacturer or the responsible hospital hygienist. To avoid material damages, the disinfectant should be free from chlorine.
- All disinfected and non-disinfectable parts (i.e. tube set) should be put aside for at least 4 hours between patients.
- For known Corona-patients, we recommend to have a separate set of all used parts.

Where there are local or regional recommendations, these must also be given due consideration.

Please note that a disinfection of the tube set is not necessary, as the flow tubes are just used to transmit a pressure signal to the device and the sample line is always drawing air from the patient to the device. Hence there is no risk of air displacement into the direction of the patient which could lead to a cross-contamination between patients.

We recommend that all persons present in the room during the examination wear appropriate personal protective equipment.

Furthermore, we recommend extensive ventilation of the examination room between examinations to prevent infection via airborne viruses.

Of course, we will continuously check these recommendations for validity. As soon as new findings become known, we will incorporate them into our recommendations and publish them again.

Please note that this recommendation is based on the best of our knowledge and we assume no liability based on this information.

We wish all of you to stay healthy through these challenging times and are at your disposal for questions and suggestions

Yours sincerely

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