

Informational Bulletin

IMPORTANT INFORMATION – PLEASE READ AND KEEP



MIRUS and Covid-19

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Background

Due to the currently growing Sars-Covid-19 pandemic and questions regarding application of MIRUS and ORS Clean Air, we as responsible manufacturer (TIM GmbH) would like to clarify the topics of contamination and contraindications with this bulletin. Occupational health and safety, protection of the user and the patient are always in the focus of our attention.

Annex:

- Coronavirus Statement from Pall Medical
- ORS Clean Air and Corona Prevention

MIRUS

The MIRUS system includes the MIRUS filter (MF1). The MF1 is a membrane filter (0.3 µm) with a high viral blockade of 99.9%. Expiratory contamination with the Covid-19 is almost impossible when applying MIRUS to an infected patient while the patient remains intubated on the MIRUS system. A MIRUS application without MF1 is impossible. In the official statement on the corona virus by the MF1 manufacturer Pall Medical you will find further valuable information.

<https://medical.pall.com/en/mechanical-ventilation/coronavirus.html>

For safety reasons we recommend using closed bronchial suction systems.

Contraindications

Contraindications are based on the used pharmacological substance, i.e. the anaesthetic gas, not on the application device (MIRUS).



Please refer to the official pharmacological information of the respective manufacturer for possible contraindications of the anaesthetic agent you are using.

For both isoflurane and sevoflurane, the following contraindications are listed in the pharmaceutical information of the respective manufacturers Baxter, Piramal and AbbVie:

- Hepatic impairment with associated fever
- Tendency to malignant hyperthermia

Pneumonia and ARDS are NOT listed as contraindications.

ORS Clean Air

In order to eliminate a possible residual risk of contamination of the room air, it is recommended to connect the ORS Clean Air to the MIRUS system. By this the exhaled patient gas is safely disposed of from the room via the vacuum. The ORS can also be connected to other ventilation systems independently of the connection to the MIRUS system, thus increasing occupational safety immensely. The enclosed flyer concisely explains the added value of using Clean Air in the fight against Covid-19 contamination.

Protect yourself, protect your employees.