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## **COVID-19 and Recommendations for Handling of DRYLINE Water Traps**

April 2, 2020

To Our Valued Customers and Partners,

To reduce the risk of cross-patient contamination the following are recommendations regarding water traps used with:

1. Sidestream CO<sub>2</sub> parameter modules of the Passport 8, Passport 12, Passport 12m, Passport 17m, T1 and N series monitors
2. Anesthetic gas (AG) modules used with the Passport 12, Passport 12m, Passport 17m, and N Series monitors and A-Series Anesthesia Workstations.

Additional information can be found on the following organizational websites:

- <https://www.who.int/health-topics/coronavirus>
- <https://www.cdc.gov/coronavirus/2019-ncov/index.html>
- <https://www.apsf.org/novel-coronavirus-covid-19-resource-center/>

The DRYLINE series water traps have a 0.45µm filter preventing pathogens, vapors and patient secretions from entering the module. The water trap separates moisture from the sample air stream and condenses it in the water trap cup; therefore, preventing it from entering the module. To avoid blocking the airway, empty the water trap cup whenever half full. Dispose of accumulated fluids in accordance with hospital policy or local regulations.

### **Recommendations for use of Mindray CO<sub>2</sub> and AG parameter modules within a Patient Monitor with a confirmed or highly suspected COVID-19 patient:**

To reduce the risk of cross-patient contamination during Sidestream CO<sub>2</sub> or Anesthetic Gas (AG) monitoring, the following recommendations apply:

1. All components and/or accessories that are in contact with the patient's breathing gas should be disposable, such as sampling lines, nasal cannulas, etc.
2. Replace the water trap if the water trap is found leaky, damaged or contaminated.
3. After long term use, dust or other substances may compromise the performance of the filter or even block the airway. In this case, replace the water trap.
4. Disposable monitoring accessories should be used and disposed of after each patient such as ECG leads, SpO<sub>2</sub> sensors, NIBP cuffs and temperature probes.

**Recommendations for use of Mindray CO2 and AG parameter modules Utilized without an Appropriate Disposable Ventilator Breathing Circuit Filter after usage with confirmed or highly suspected COVID-19 patients:**

1. Replace the water trap after each patient use.

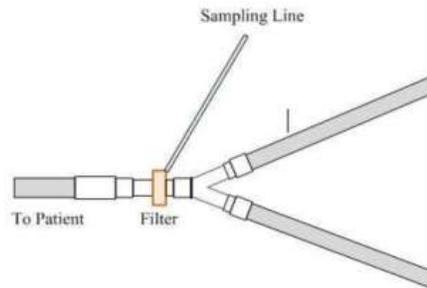


Figure 1 – Location of Filter in Disposable Ventilator Circuit

**Recommendations for use of Mindray CO2 and AG parameter modules Utilized with an Appropriate Disposable Ventilator Breathing Circuit Filter after usage with confirmed or highly suspected COVID-19 patients:**

1. If Mindray CO2 and AG modules are used with disposable ventilator breathing circuits that incorporate an appropriate filter, the water trap can be replaced every 30 days as recommended in the Operators Manual.

NOTE: For additional information – please reference Mindray guidance document - “COVID-19 and Recommendations for Handling of Mindray Anesthesia Workstations – March 2020”

<https://www.mindraynorthamerica.com/wp-content/uploads/2020/03/1657D-COVID-19-and-handling-of-MR-Anesthesia-Workstations.pdf>

**Recommendations for use of Mindray CO2 and AG parameter modules within a Patient Monitor on non-COVID-19 patients after usage with confirmed or highly suspected COVID-19 patients:**

1. Wrap the CO2 or AG modules completely with a plastic cover, and store them safely for a specified time (e.g. 21 or 28 days) at room temperature or higher, and then follow the cleaning and disinfecting procedures in the operator's manual before next use.

Note: If Mindray CO2 and AG modules are used with disposable ventilator breathing circuits that incorporate an appropriate filter, then this instruction does not apply.

2. All the disposable accessories should be removed after each case. To ensure the safe disposal of contaminated devices, please refer to the hospital guideline or local regulations.

If you have any further questions, please do not hesitate to contact your local sales or service representative.