

Technegas™ and COVID-19

In over 30 years of use, in approximately 4 million clinical diagnostic procedures around the world, there have been no reported viral or other disease cross-contamination events associated with the Technegas™ System.

The Technegas™ system is a **closed** system so there can be no cross contamination between patients. Using the **single use** PAS (patient administration set), the patient can only extract Technegas from the machine.

The patient cannot send any exhaled product back into the system.

The PAS are constructed with **one way valves**, which prevent exhaled product from going back into the tubing and directs exhaled air into the filter integrated into the PAS.

The Filter on the PAS is a bidirectional hydrophobic membrane designed to prevent cross-contamination. Attached is the data sheet specific for the brand of filter which is integrated into the PAS. This means that if the PAS is used correctly, exhaled breath is filtered to remove airborne contaminants as specified in the specifications for the filter.

If there is concern for optimal use of the PAS by the patient, it is suggested that a mask be used in addition to the included mouth piece. Remove the mask from the patient directly into a bag or containment cloth/blue pad.

Hospitals / clinics should continue to follow their own local infection control procedures when conducting ventilation-perfusion (and other) procedures involving patients with suspected viral or contagious conditions.

Technegas™ Generators should be cleaned in accordance with the instruction in the user manual.

If you have further questions, please contact:

Lynn McLauchlin
289 242 9610
lynn.mclauchlin@cyclomedica.ca



March 18 2020