

To Whom It May Concern:

Notes on sterilisation of the Micro Medical turbine.

We recommend the use of a respiratory bacteriological/viral filter when it is felt that a patient may pose a risk of contamination to others or the machine, it is the operators decision as to the use of a filter. Filters must however be used if the patient is instructed to perform an inspiratory manoeuvre. Spirometry filters subsequently provide protection to both the spirometer and the patient. Micro Medical spirometry filters have been independently tested and validated with a proven efficacy of 99.9%

If an expiratory one-way valve is used as a form of infection control which will allow only an expiratory manoeuvre to be performed, this will provide protection to the patient but not to the spirometer. In this case, the turbine should be inspected for contamination after each use and cleaned and sterilised if soiled. As a minimum, standard daily cleaning and sterilisation is recommended.

If no protection is used, such as the test being performed with a standard cardboard mouthpiece, then the turbine must be cleaned and sterilised after each patient, it is recommended that a cold sterilising solution (eg. Perasafe available from Micro Medical Ltd. Is used) solutions containing alcohol or chlorine should not be used. Perasafe is effective against many bacterial and viral bodies. When frequent testing is performed additional turbines can be purchased, allowing rotation whilst others are being cold sterilised.

For and behalf of Micro Medical Ltd

Oisin McManigan
Clinical/Product Support Manager

For and on behalf of Micro Medical Ltd
Chatham Maritime, Kent, United Kingdom