

# Infection control and maintenance guidelines

## For the Bedfont® NObreath® monitor and NObreath® Dock

Before using any of the above equipment, the operating manual should be read and fully understood.

### Infection control

Washing hands before and after testing is highly recommended for both operator and user as part of a sensible infection control regime.

The NObreath® FeNO monitor is integrated with SteriTouch® antimicrobial technology for improved infection control.

The NObreath® uses a single-patient use mouthpiece that can be used up to 3 times by a single patient. Re-use of the mouthpiece between patients can increase the risk of cross-infections.

The NObreath® mouthpiece contains an integrated infection control filter that removes and traps >99% of airborne bacteria and >98% of viruses<sup>1</sup>.

Take advice from your infection control expert before use on patients with known communicable diseases/conditions.

It is preferable that the user attaches their own mouthpiece to the monitor before the breath test, and detaches and disposes of it once the test is complete.

Whilst the user is exhaling, the operator should avoid positioning themselves in front of the exhaust port of the instrument.

### Routine maintenance

See the operating manual for full maintenance instructions.

- The NObreath® should be calibrated at least annually or the NO sensor should be replaced
- NO sensor should be replaced every 5 years
- The NO scrubber should be replaced annually
- The breath drying cartridge should be replaced every 5 years
- It is best practice to not let the battery run flat

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## Cleaning

Wipe the external surfaces of the instrument with a product specifically developed for this purpose. Bedfont® provides instrument cleansing wipes that contain an antimicrobial liquid. It is recommended that wipes are used once and for one surface only. The NObreath® device should be cleaned for initial use and after each patient use.

**NEVER** use alcohol or cleaning products containing alcohol or other organic solvents as these vapours will damage the sensor within the instrument.

Under no circumstances should the instrument be immersed in or splashed with liquid.

### Contact Bedfont® or your local distributor for replacements:

Single-use mouthpiece

Alcohol-free instrument cleansing wipes

FRANÇAIS: Pour télécharger les principes relatifs à l'entretien et au contrôle des infections en Français, veuillez consulter [www.nobreathfeno.com](http://www.nobreathfeno.com)

DEUTSCH: Um Richtlinien zur Infektionskontrolle und Wartung auf Deutsch herunterzuladen besuchen Sie bitte die Homepage [www.nobreathfeno.com](http://www.nobreathfeno.com)

ESPAÑOL: Para descargar las Directrices de Control de Infecciones y Mantenimiento en español, visite [www.nobreathfeno.com](http://www.nobreathfeno.com)

ITALIANO: Per scaricare le guida per il controllo delle infezioni e la manutenzione in italiano, visitare il sito [www.nobreathfeno.com](http://www.nobreathfeno.com)

NEDERLANDS: Ga naar [www.nobreathfeno.com](http://www.nobreathfeno.com) om de richtlijnen voor infectiebestrijding en onderhoud te downloaden in het Netherlands

## REFERENCES

1. Public Health England. An Evaluation of Filtration Efficiencies Against Bacterial and Viral Aerosol Challenges. Salisbury: Public Health England; 2020.

This document is intended for guidance only.

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