



Cleaning procedures for SpiroConnect

Version:	Owner:	Created:
2.0		10/03/2017
Published:	Approving Director:	Next Review
15/01/2025	****	15/01/2026

Contents

Procedure

1. After each patient to dispose of any consumables such as filters, mouthpieces and nose clips.
2. Wipe down all parts that your patient has touched with a disinfectant wipe (Clinell) (If the wipe is wet please ensure no liquid seeps into the SpiroConnect through the battery casing), and wipe the inlet where any condensation can build up as well.
3. At the end of each day's use, or a minimum of once a week, disinfect the Spirometer transducer (i.e. the removable turbine from the centre of the SpiroConnect) using PeraSafe cleaning solution (after first agitating in warm soapy water).
4. Wear PPE (gloves, apron, face-mask and visor) when using PeraSafe
5. Do not submerge the handheld part of the SpiroConnect into the PeraSafe or you will damage the internal components. Only the removable transducer can be submerged in the PeraSafe cleaning solution.
6. Once the transducer has been removed from the PeraSafe solution it must be rinsed with sterile water and left to air dry (overnight).
7. Please ensure the transducer is fully dry and calibrated before its next use.

How do I mix/use the PeraSafe cleaning solution?

Add one 16.2g sachet of PeraSafe powder to one litre of lukewarm water, or use the measuring dish if the Perasafe is in a container. Stir until the powder is fully dissolved and the solution is blue/green in colour. The solution becomes colourless after around 30 minutes.

To begin sterilising immerse the transducer only for exactly 10 minutes, after which it must be thoroughly rinsed in sterile water. Ensure the transducer is thoroughly dried prior to use.

Used PeraSafe solution may be discarded without any special precautions.

For further information, go to the Numed website and watch the training video:

<https://www.numed.co.uk/support/spiroconnect>

Record keeping

Sign and date weekly cleaning on:

Cleaning procedures for SpiroConnect 2.0

[..\Equipment Cleaning\Spirometer cleaning](#)

Reference

<https://www.numed.co.uk/support/spiroconnect> (Accessed Aug 2024)

Version Control

Date	Version	Author	Change Details
March 2017	1.0	LT	SOP Created
Jan 2020	1.1	LT	Review
Aug 2022	1.2	LT	Review
May 2023	1.3	LT	Review
Dec 2024	2.0	JG	Review and updated template