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healthcare

SpiroConnect

Easy User Guide

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SpiroConnect with Intelligent Integration Interface User Guide

To use your SpiroConnect with the Intelligent Integration Interface and link to a clinical system, follow the steps below to use your SpiroConnect spirometer.

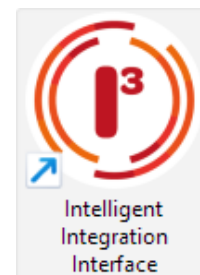**1** Insert the serial-numbered dongle into a spare USB port on the PC.

2 Insert a mouthpiece onto the SpiroConnect device.

3 Open the patient's record in the clinical system.

* INPS Hosted & INPS Aeros sites must ensure that Numed Enterprise Link software is running on the remote desktop.

4 Open the Intelligent Integration Interface (I3). This can be found on your desktop or start menu.

Intelligent Integration Interface
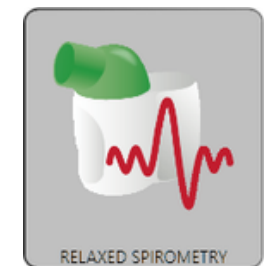
5 Click the `Start` button.

6 Choose Spirometry.

7 Confirm your patient details are correct and click Yes.

Patient Details

Title	Mr
First name	Numed
Surname	Test
Date Of Birth	1980-10-01
Gender	M
NHS Number	8260498812
Height	185.0 cm recorded: 2025-11-24 13:35
Weight	123.0 kg recorded: 2025-11-24 13:35
Ethnic Origin	Unknown
Smoking Status	ExSmoker

Is this patient correct?

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Yes   No

8 Power on the SpiroConnect by pressing the green button located on the top of the device and wait for the connected message to appear in the bottom left-hand corner of the software.

9 Click on Relaxed Spirometry.

RELAXED SPIROMETRY

10 Click `Start`.

11 Instruct your patient to perform their first relaxed blow.

12 If the quality of the blow is acceptable, select `Next` and repeat step 11. If the blow is of unacceptable quality, select `Reject` and complete the blow once more. A minimum of three blows of acceptable quality attempts would normally be performed.

13 Once the blows have been completed, click the `Done` button in the bottom right corner.

14 Click `Add BASE (Forced)` in the bottom left-hand side to begin your forced blows.

15 Instruct your patient to perform their first forced blow.

16 If the quality of the blow is acceptable, select `Next` and repeat step 15. If the blow is of unacceptable quality, select `Reject` and complete the blow once more. A minimum of three blows of acceptable quality attempts would normally be performed.

17 Once the blows have been completed, click the `Done` button in the bottom right corner.

18 Now that you have completed baseline testing, click and `Save and Exit` then close the software down.
* Please complete this even if you are performing reversibility and post-bronchodilator testing.

19 The I3 software will then show you a summary of the coded entries and values that can be filed back to your clinical system. These can be selected and deselected as required.

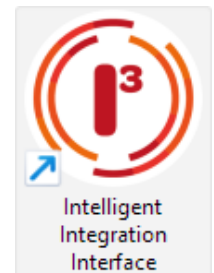> * If you are only performing baseline testing, click File to send the results to the clinical system.
>
> * If you are performing reversibility, click File results after POST tests are completed. This will close the software down and allow you to see another patient before you start the POST tests.

Performing Reversibility

20 When you are ready to start your POST testing, open the patient's record in the clinical system.
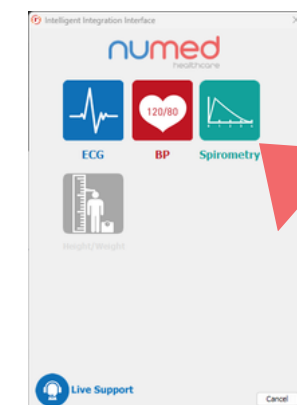
* INPS Hosted & INPS Aeros sites must ensure that Numed Enterprise Link software is running on the remote desktop.

21 Open the Intelligent Integration Interface (I3). This can be found on your desktop or start menu.
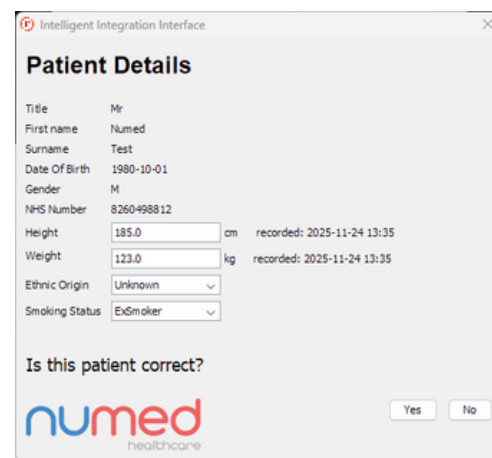

22 Click the `Start` button.

23 Choose Spirometry.

24 Confirm your patient details are correct and click Yes.

Intelligent Integration Interface
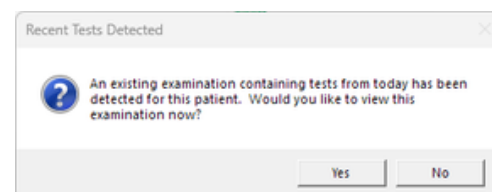
Patient Details

Title: Mr
First name: Numed
Surname: Test
Date Of Birth: 1980-10-01
Gender: M
NHS Number: 8260498812
Height: 185.0 cm recorded: 2025-11-24 13:35
Weight: 123.0 kg recorded: 2025-11-24 13:35
Ethnic Origin: Unknown
Smoking Status: ExSmoker

Is this patient correct?

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Yes   No

25 Click Yes to view the existing examination.

Recent Tests Detected

An existing examination containing tests from today has been detected for this patient. Would you like to view this examination now?

Yes   No

26 To perform your post BD tests, choose the relevant 'Add post 1' button for the first set of tests you wish to perform

Add POST 1 (Forced)   Add POST 1 (Relaxed)

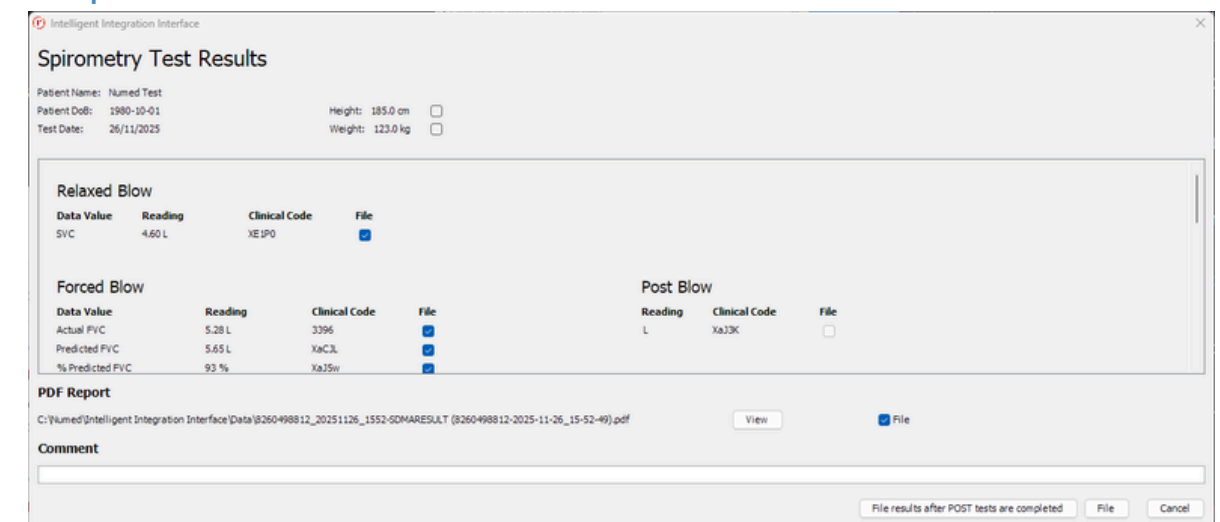**27** Instruct your patient to perform their first post BD blow.

28 If the quality of the blow is acceptable, select [Next] and repeat step 27. If the blow is of unacceptable quality, select [Reject] and complete the blow once more. A minimum of three blows of acceptable quality attempts would normally be performed.

29 Once the blows have been completed, click the [Done] button in the bottom right corner.

30 If you have just performed Post 1 (Relaxed) [Add BASE (Forced)] blows, repeat steps 26 to 28 for

31 Now that you have completed baseline testing, click [Save and Exit] and then close the software down.

32 The I3 software will then show you a summary of the coded entries and values that can be filed back to your clinical system. These can be selected and deselected as required.

Intelligent Integration Interface

Spirometry Test Results

Patient Name: Numed Test
Patient DoB: 1980-10-01   Height: 185.0 cm
Test Date: 26/11/2025   Weight: 123.0 kg

Relaxed Blow

Data Value	Reading	Clinical Code	File
SVC	4.60 L	XE1P0	☑

Forced Blow

Data Value	Reading	Clinical Code	File		Post Blow Reading	Clinical Code	File
Actual FVC	5.28 L	3396	☑		L	XaJ3K	☐
Predicted FVC	5.65 L	XaC3L	☑				
% Predicted FVC	93 %	XaJ5w	☑				

PDF Report
C:\Numed\Intelligent Integration Interface\Data\8260498812_20251126_1552-SDMARESULT (8260498812-2025-11-26_15-52-49).pdf
View   ☑ File

Comment

File results after POST tests are completed   File   Cancel

33 Click File to send your results to the clinical system. A message will be displayed when the data filing completes successfully, and the process is complete.

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