

Easy User Guide

SpiroConnect Spirometer

1

Connect the SpiroConnect Bluetooth Dongle to your PC or Laptop.



2

Open the patient's **clinical record** in your clinical system.



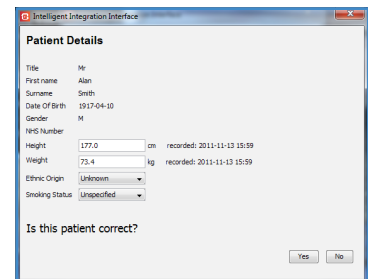
Note: INPS Hosted & INPS Aeros sites must ensure that Numed Enterprise Link software is running on the remote desktop.

3

Double click the I³ icon, this is usually found on your taskbar or desktop. This will **launch** the I³ software.

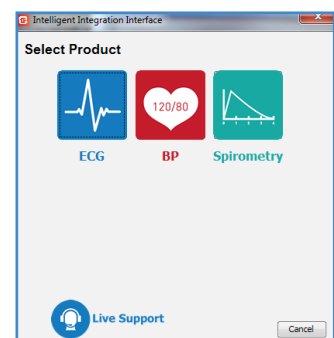
4

Click the '**Start**' button.

A screenshot of the 'Intelligent Integration Interface' window. The 'Patient Details' section contains the following information: Title: Mr, First name: Alan, Surname: Smith, Date Of Birth: 1917-04-10, Gender: M, HVD Number: 177.0 cm, recorded: 2011-11-13 15:59, Weight: 73.4 kg, recorded: 2011-11-13 15:59, Ethnic Origin: Unknown, Smoking Status: Unspecified. At the bottom, it asks 'Is this patient correct?' with 'Yes' and 'No' buttons.

5

Select '**Spirometry**' from the product selection screen.



6

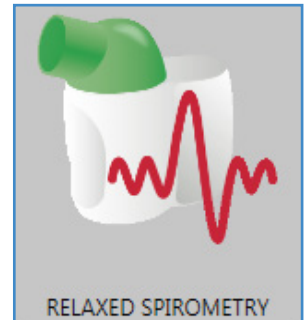
Confirm the patient's details are correct then click '**Yes**'.

7

Power on the **Spirometer** by pressing the **green button** located on the top of the device.

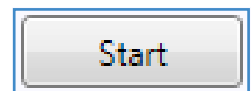
8

The SpiroConnect Data Manager software will appear onscreen. Select '**Relaxed Spirometry**' from the main menu.



9

The relaxed Spirometry screen will appear. Click '**Start**' from the bottom right corner.



10

Instruct your patient to take their first relaxed blow.

11

If the quality of the blow is acceptable select '**Next**' and complete step 10 a further **two** times. If the first blow is of unacceptable quality, select '**Reject**' and complete the blow once more. A minimum of **three** blows of acceptable quality should be performed. The quality indicator in the software does not apply to relaxed blows and can be ignored for this part of the test.

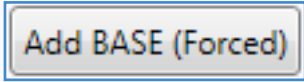
12

Once **three** acceptable blows have been completed, click the '**Done**' button in the bottom right corner.

A rectangular button with a thin blue border and a light gray gradient background. The word "Done" is centered in a dark blue font.

13

Some new buttons will be available at the bottom of the screen. Click the '**Add BASE (Forced)**' button to begin the forced blows.

A rectangular button with a thin blue border and a light gray gradient background. The text "Add BASE (Forced)" is centered in a dark blue font.

14

Instruct your patient to make the first forced blow.

15

If the quality of the blow is acceptable, select '**Next**' and complete a further **two** blows. The quality of the blow will be indicated within the software. If the forced blow is of unacceptable quality click the '**Reject**' button and repeat the blow. A minimum of **three** blows of acceptable quality should be performed.

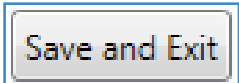
16

Once **three** acceptable blows have been completed, click the '**Done**' button.

A rectangular button with a thin blue border and a light gray gradient background. The word "Done" is centered in a dark blue font.

17

Click the '**Save and Exit**' button to complete the examination and return to the SpiroConnect Data Manager Home screen.

A rectangular button with a thin blue border and a light gray gradient background. The text "Save and Exit" is centered in a dark blue font.

18

To export the results to the I³ software, exit the **SpiroConnect Data Manager** software.

Spirometry Test Results

Patient Name: Maria House
 Patient Date: 18/01/2015
 Test Date: 18/12/2015 13:36
 Height: 120.0 cm
 Weight: 75.0 kg

| Data Value | Reading | Read Code | File |
|---------------------|---------|-----------|-------------------------------------|
| Relaxed Blow | | | |
| FVC | 1.12 L | NE SP0 | <input checked="" type="checkbox"/> |
| Forced Blow | | | |
| PVC | 0.48 L | 2304 | <input checked="" type="checkbox"/> |
| Predicted FVC | L | NACB | <input type="checkbox"/> |
| % Predicted FVC | % | NACB | <input type="checkbox"/> |
| FEV1 | 0.98 L | 1770a | <input checked="" type="checkbox"/> |
| Predicted FEV1 | L | NACB | <input type="checkbox"/> |
| Post Blow | | | |
| | | | |
| | | | |
| | | | |

PDF Report
 C:\Users\Intelligent Integration Interface\Data\181215_1238-SDHARESLT.pdf
 [Save] [File]

Comment
 [Text Area]

[File results after POST tests are completed] [File] [Cancel]

19

The I³ interface will present you with a summary of the **Read codes** and values that can be filed back to your **clinical system**. Codes with data values available will automatically be selected. Select and deselect any codes you wish to include / remove.

20

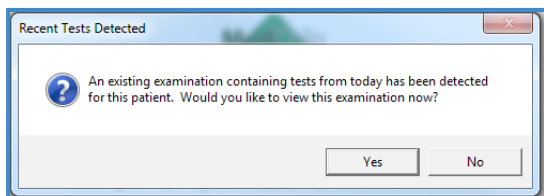
If you are **NOT** undertaking Reversibility tests, select **'File'** to send your results to the clinical system. A message will be displayed when the data filing completes successfully and the process is complete.

21

If you **are** undertaking Reversibility tests, select **'File results after POST tests are completed'**. This will exit the software and allow you, if necessary, to see another patient before the reversibility tests are completed.

22

When the patient returns to the room for the reversibility tests, **repeat** steps one to seven above.



23

When the **SpiroConnect Data Manager** Software opens you will be presented with a message informing you that an existing examination from today has been found. Click **'Yes'** to select this examination.

24

Click the **'Add POST 1 (Forced)'** button at the bottom of the screen.

25

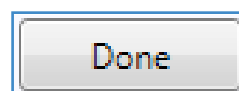
Instruct the patient to take the first post forced blow.

26

If the quality of the blow is acceptable, select **'Next'** and complete a further **two** blows. The quality of the blow will be indicated within the software. If the forced blow is of unacceptable quality click the **'Reject'** button and repeat the blow. A minimum of **three** blows of acceptable quality should be performed.

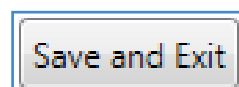
27

Once **three** acceptable blows have been completed, click the **'Done'** button.



28

Click the **'Save and Exit'** button to complete the examination and return to the **SpiroConnect Data Manager** Home screen.



To export the results to the I³ software, exit the **SpiroConnect Data Manager** software.



The I³ interface will present you with a summary of the **Read codes** and values that can be filed back to your **clinical system**. Codes with data values available will automatically be selected. Select and deselect any codes you wish to include / remove.

You can add a comment in the comment box if required to file alongside the **Spirometry report** in the **clinical record system**.

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.

If you experience any problems using **SpiroConnect**,
please contact our technical support team on:
0114 399 0010 or visit: **www.numed.co.uk/support**



Alliance House, Roman Ridge Road, Sheffield S9 1GB
Tel: 0114 243 3896 Fax: 0114 243 3413 info@numed.co.uk
www.numed.co.uk