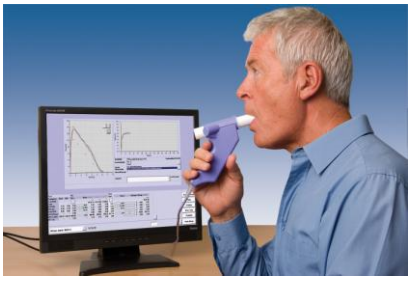
Fully Integrated Spirometry released for AEROS

The fully integrated spirometry solution from InPS Alliance Partner Numed Healthcare, now allows Vision AEROS and LAN users to file high quality spirometry reports and Read coded data with ease. It is a very quick, simple and error free process that could save your nursing team around 10 minutes per spirometry test.



The TrueFlow spirometry solution utilises the latest ultrasonic flow measurement technology for supreme accuracy and durability. Numed provide a complete service that includes installation, product training and MediServe support to ensure that your service runs smoothly from the outset.

Key points

- Automatically files 15 spirometry Read codes and a full spirometry test report.
- Saves approximately 10 minutes administration time per spirometry test.
- Now available for LAN and AEROS Vision systems.

Advantages of full integration

1. The process is considerably faster than manual data entry and the reduced administration burden allows more patients to be tested in any given time.

2. Spirometry reports are filed directly to the patient's record as high quality PDFs. This makes them ideal for referral purposes and fully compatible with Choose and Book (to be replaced by NHS e-Referral in 2014) and GP2GP.

3. Spirometry Read codes and reports are always filed to the correct patient and there is a considerably reduced risk of data duplication using this integrated system.

4. All clinicians have immediate access to completed spirometry tests through Vision and hard copies can be printed at any Vision workstation within the practice if necessary.

What do existing Vision users think?

"Our Practice Nurse finds the new spirometer very easy to use - it also Read codes the numerous data automatically back onto the patient record saving her so much time and eliminating any chance of input error and likes the reports she can produce. The support and training have been quick and efficient"
Lisa Fogg, Practice Manager, Perranporth Surgery, Cornwall.

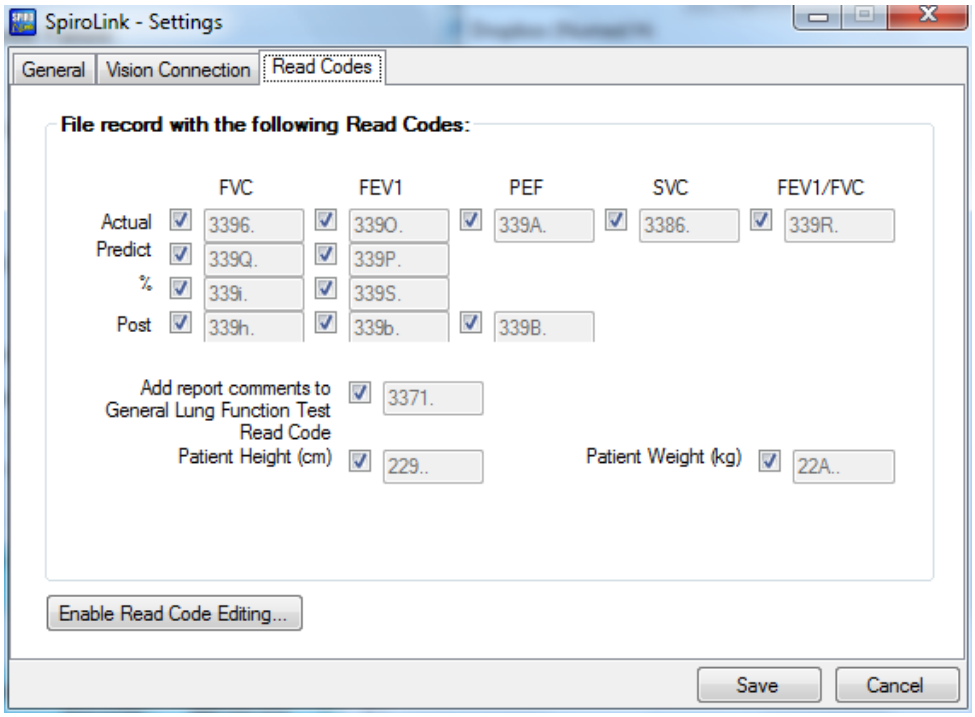
"We like the TrueFlow spirometer very much. It is easy to use with clear, easy to understand information on the blows appearing on screen. Excellent visual representation of an effective blow on screen with the balloon... a very useful aid for patients! Maintenance/cleaning is much easier than our old spirometer which saves time, as does the instant entry on to the Vision patient records. Definitely a good investment and any technical problems are very quickly and efficiently solved by your helpline technicians. Highly recommended!"
Rachel Young, Lead Practice Nurse, Sandown Health Centre, Isle of Wight.

How does it work?

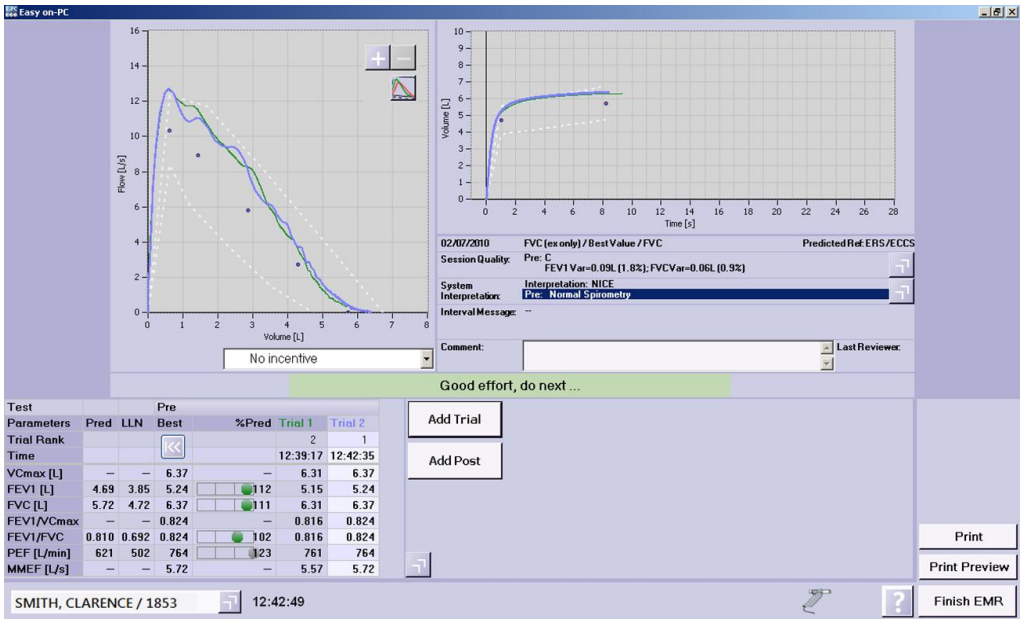
The system is very simple to use:

1. The patient is selected within Vision, and their details are automatically transferred into the spirometry software.

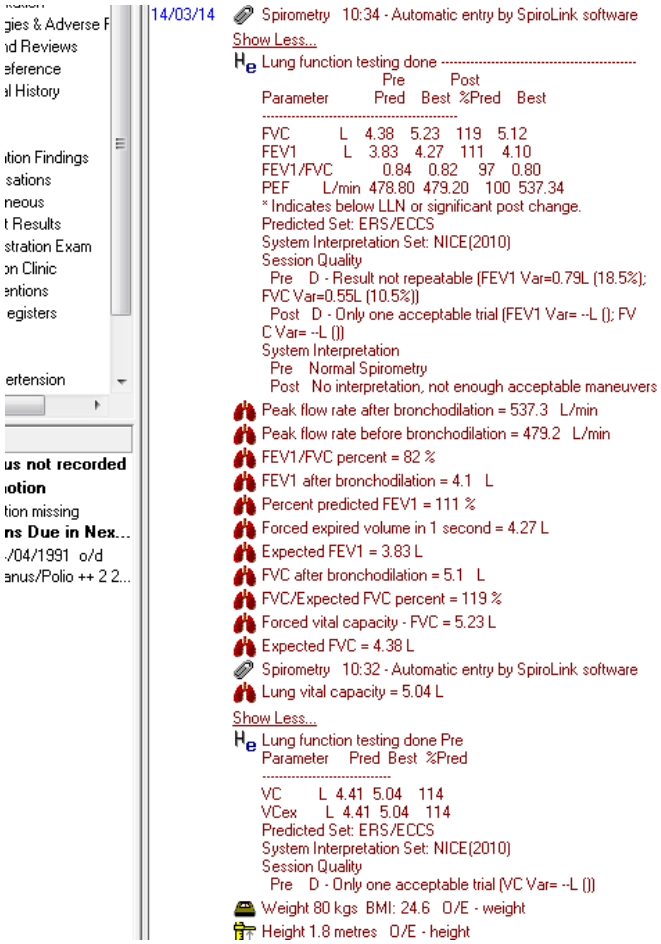
2. The user can select which of the spirometry Read codes are to be filed to the patient's medical record at the end of the test, in addition to a PDF spirometry report:



3. The relaxed, forced and post bronchodilator (if required) spirometry tests are performed. Flow/Volume and Volume/Time graphs are displayed clearly on the computer screen in addition to the numerical results and a variety of other information including predicted values, test variance and interpretation.



4. Once the spirometry test is complete, it is filed complete with any user comments into the patient's record with a single button click. This automatically files all spirometry Read codes and a high quality PDF report (including graphs) to the patient record - perfect for electronic referral purposes.



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Sample Spirometry Report

Patient Information

Name	
ID	123456
Age	43 (17/11/1967)
Height	180 cm
Weight	90 kg BMI 27.8
Gender	Male
Ethnic	Caucasian
Asthma	Possible
Smoker	No

Test Information

Test Type	FVC (ex only)
Test Date	01/02/2011 17:09:40
Post Time	01/02/2011 17:11:05
Interpretation	NICE(2010)
Predicted	ERS/ECCS
Value Selection	Best Value
BTPS (IN/EX)	1.12/1.02
User ID	

Test Result

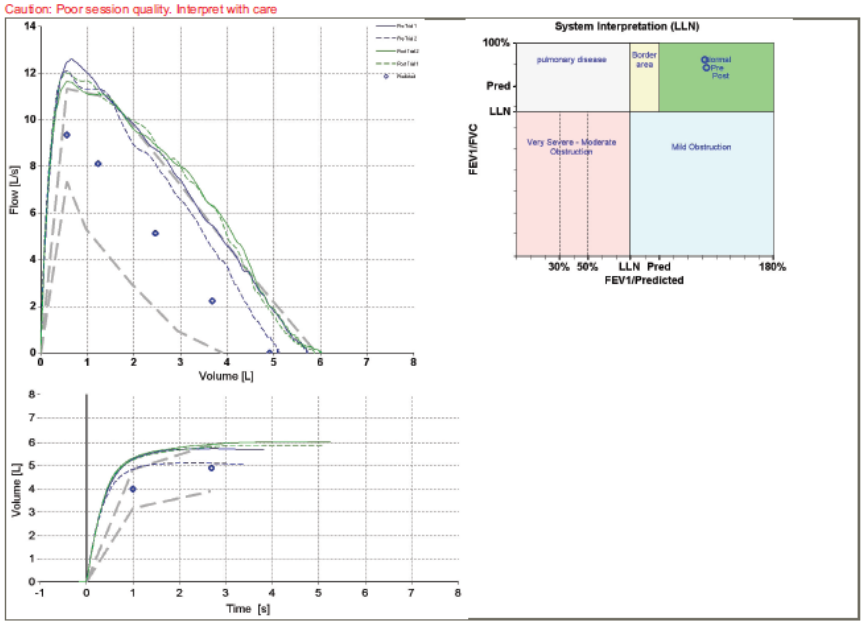
Your FEV1 / Predicted: 132%

Your Lung Age: 43

			Pre				Post				
Parameter	Pred	LLN	Best	Trial 1	Trial 2	%Pred	Best	Trial 2	Trial 1	%Pred	%Chg
VCmax [L]	-	-	5.73	5.73	5.12	-	6.02	6.02	5.88	-	5
FEV1 [L]	4.00	3.16	5.28	5.28	4.85	132	5.33	5.33	5.24	133	1
FVC [L]	4.91	3.91	5.73	5.73	5.12	117	6.02	6.02	5.88	123	5
FEV1/VCmax	-	-	0.921	0.921	0.947	-	0.884	0.884	0.892	-	-4
FEV1/FVC	0.794	0.676	0.921	0.921	0.947	116	0.884	0.884	0.892	111	-4
PEF [L/min]	561	442	756	756	730	135	723	700	723	129	-4
MMEF [L/s]	4.34	2.63	6.88	6.88	7.08	158	7.06	7.06	7.10	163	3

Session Quality	Pre	D - Result not reproducible (FEV1 Var=0.43L (8.2%); FVC Var=0.61L (10.7%))
	Post	C (FEV1 Var=0.08L (1.6%); FVC Var=0.15L (2.4%))
System Interpretation	Pre	Normal Spirometry
	Post	Normal Spirometry

Caution: Poor session quality. Interpret with care



For a product brochure or demonstration of the TrueFlow spirometer for AEROS or LAN Vision systems, please contact Numed Healthcare:

Call: **0114 2433896** Email: **sales@numed.co.uk** Web: **www.numed.co.uk**