

The New Generation Pocket Spirometer

The Micro 1 Spirometer is the new generation pocket spirometer offered by Micro Direct. Specifically designed for situations where low cost precision spirometry measurements are required, the Micro 1 Spirometer is extremely lightweight and portable making it suitable for physician office, hospital outreach clinics, bedside screening, health fair screenings and other situations where remote testing is required. The Micro 1 Spirometer features a large backlit graphical display and flat touch sensitive keypad. Ease of use and functionality are combined in this modern ergonomically designed spirometer.

Using the Micro 1 PC software, the Micro 1 Spirometer can be configured for user specific preferences and generates a PDF for EMR and printing. The Micro 1 Spirometer contains a rechargeable battery ensuring your device is always ready for use in any busy clinical setting.



Features

- Measures FEV₁, FVC, PEF, FEF₂₅₋₇₅, FEV₆, FEV₁/FVC, FEV₁/FEV₆, FEF₂₅, FEF₇₅
- Choice of predicted values
- Confirming diagnostic interpretation
- Post bronchodilator comparison
- PC software generates PDF for EMR and printing
- Variation from norm as percentage or z-score
- Optional NLHEP mode
- Maneuver quality checks
- Quick test mode
- 2-Year parts and labor warranty
- Model Number: MS10



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Spirometry Report

Patient Details

Patient ID: 1234567890
Name: Smith, Betty
Gender: Female
Age: 49
Height: 67 inches
Origin: Caucasian

Summary of All Tests

	FEV1	FVC	PEF	FEV1/FVC	Quality	Time	Date
Base	2.7 L	3.6 L	7.4 L/s	75%	Good Blow	10:27 P	03-30-2015
Base	2.7 L	3.6 L	6.7 L/s	75%	Good Blow	10:28 P	03-30-2015
Base	2.7 L	3.6 L	6.4 L/s	75%	Good Blow	10:28 P	03-30-2015
Base+	2.7 L	3.6 L	7.4 L/s	75%	-		
Post1	2.9 L	3.7 L	7.1 L/s	77%	Good Blow	10:29 P	03-30-2015
Post1	2.8 L	3.7 L	6.8 L/s	76%	Good Blow	10:29 P	03-30-2015
Post1	3.0 L	3.8 L	7.4 L/s	77%	Good Blow	10:29 P	03-30-2015
Post1+	3.0 L	3.8 L	7.4 L/s	77%	-		

Summary Results

Param	Base	%Pred	Post1	%Pred	%Chg	[Min	Pred	Max]
FEV1	2.7 L	88%	3.0 L	95%	9%	2.5 L	3.1 L	3.8 L
FVC	3.6 L	92%	3.8 L	98%	6%	3.2 L	3.9 L	4.7 L
FEV6	3.6 L	94%	3.8 L	100%	6%	3.1 L	3.8 L	4.6 L
FEV1/FVC	75%	93%	77%	96%	3%	71%	80%	90%
FEV1/FEV6	76%	92%	77%	93%	1%	74%	82%	91%
PEF	7.4 L/s	102%	7.4 L/s	103%	0%	5.4 L/s	7.2 L/s	9.1 L/s
FEF25	3.8 L/s		4.4 L/s		14%			
FEF2575	2.1 L/s	71%	2.4 L/s	82%	16%	1.6 L/s	3.0 L/s	4.3 L/s
FEF75	0.9 L/s		1.1 L/s		21%			

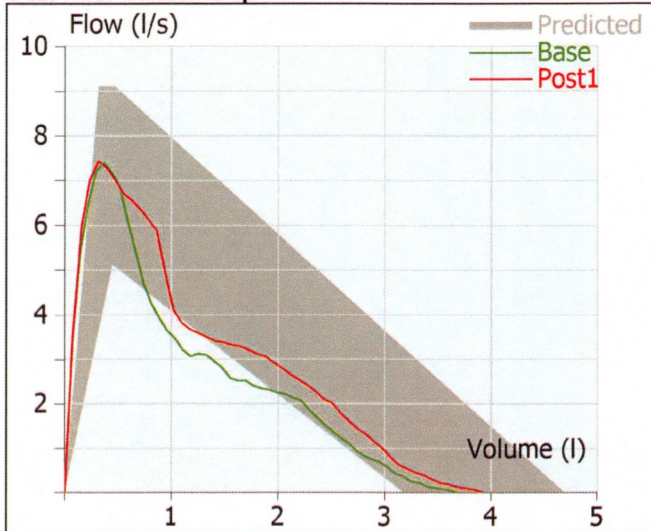
Interpretation (ATS/ERS 2005)

Normal Spirometry

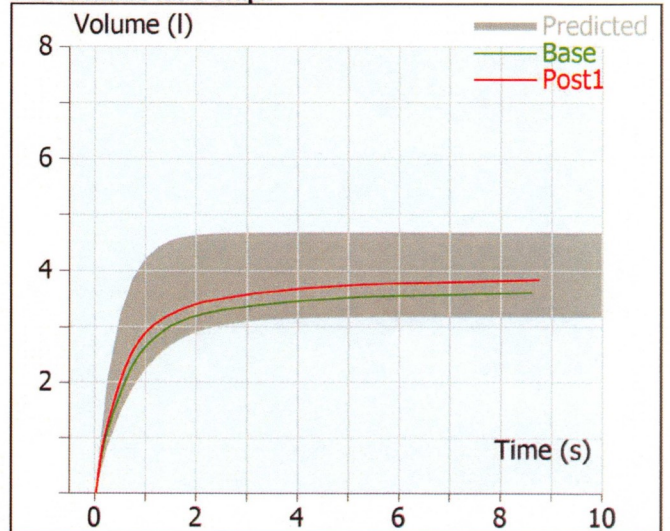
Predicted Set

NHANES III

Best Flow Volume Graph



Best Volume Time Graph



Technician:

Physician:

MICRO I V2.01 S/N:5369

3/30/2015 4:33:06 PM