



Morgan Scientific, Inc.

151 Essex Street
Haverhill, MA 01832

Patient: **Michael J. Callahan**

Birth Date: 02-Jul-53

ID #: **09413352**

Physician: **John Williams, M.D.**

Technician: **Patrick Morgan**

Pulmonary Function Analysis

Date: **28-Dec-05**

Age: 52

Height (in): 70

Weight (lb): 275

Gender: M

Race: W



Spirometry

		Ref	Pre Meas	Pre % Ref	Post Meas	Post % Ref	Post % Chg
FVC	L	5.02	4.35	87	4.33	86	0
FEV1	L	3.88	3.31	85	3.19	82	-4
FEV1 / FVC	%	77	76	99	74	96	-3
FEF@%_&%	L/s	3.38	2.76	82	2.26	67	-18
PEFR	L/s	9.74	8.54	88	8.44	87	-1
FET	sec	----	10.33	----	13.80	----	34
PIFR	L/s	6.49	5.98	92	6.34	98	6
MVV	L/m	151.6	----	----	----	----	--



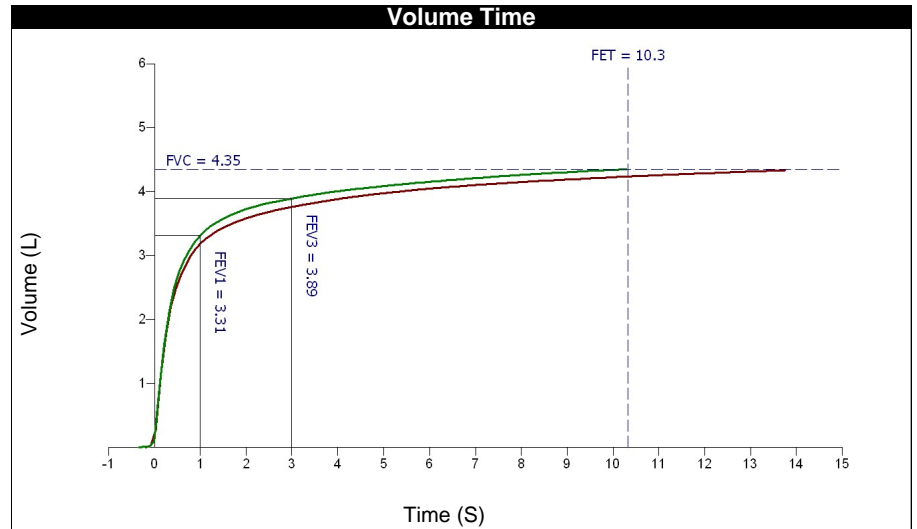
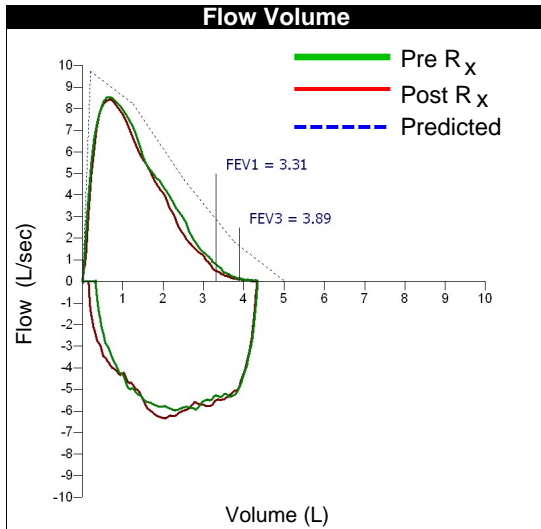
Lung Volumes

		Ref	Pre Meas	Pre % Ref	Post Meas
TLC	L	7.14	6.35	89	----
VC	L	5.02	4.38	87	----
RV	L	2.25	1.97	88	----
FRC	L	3.54	2.63	74	----
ERV	L	1.29	0.66	51	----



Diffusion

		Ref	Pre Meas	Pre % Ref	Post Meas
DLCO [Hb]	mL/min/mmHg	30.83	36.75	119	----
DLCO/VA	mL/min/mmHg/L	4.31	5.50	128	----



Technician Notes:

Patient was very cooperative

Computer Impression:

FEV1, FVC, and FEV1/FVC are within normal limits. There was not a significant response to inhaled bronchodilator. TLC and subdivisions are normal. RV/TLC ratio is increased. Resistance and specific conductance are normal. Single breath diffusion capacity is normal. Maximal respiratory muscle pressures are normal.