



Morgan Scientific, Inc.

Pulmonary Function Laboratory

Name: Michael J. Callahan

Date: 12/28/2005

Diagnosis: Allergic Rhinitis

Age: 52

ID: 09413352

Physician: Colin Chapman, M.D.

Gender: Male

DOB: 7/2/1953

Referring: John Williams, M.D.

Race: White

Height: 178 cm

Weight: 125.0 Kg

Therapist: Patrick Morgan

Spirometry

Parameter	Units	Ref	Pre	% Ref	Post	% Ref	% 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
FIF50	L/s		5.96		6.24		5
FEF%) / FIF%)			0.66		0.56		-15

Lung Volumes (Box)

Parameter	Units	Ref	Pre	% Ref
TLC	L	7.14	6.35	89
VC	L	5.02	4.38	87
FRC	L	3.54	2.63	74
ERV	L	1.29	0.66	51
RV	L	2.25	1.97	88
RV/TLC	%	34	31	91

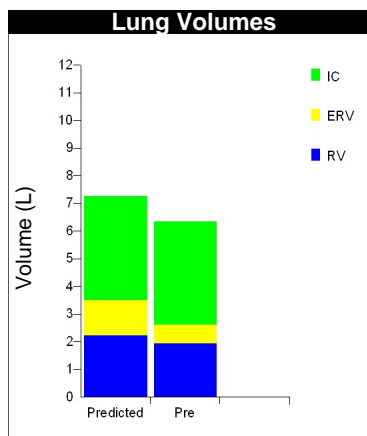
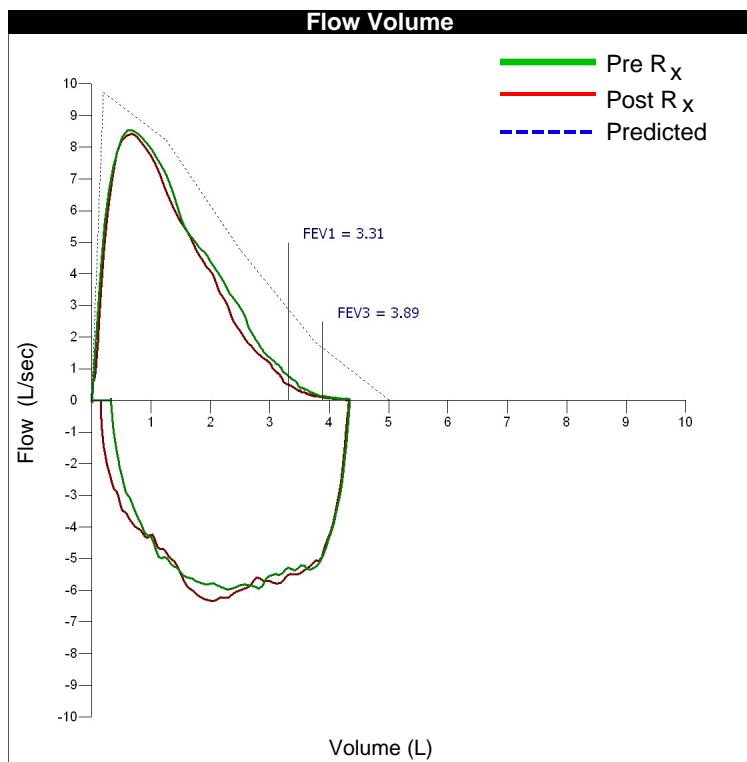
Diffusing Capacity

(Hb 13.8)

Parameter	Units	Ref	Pre	% Ref
DLCO	mL/min/mmHg	30.83	35.89	116
DLCO [Hb]	mL/min/mmHg	30.83	36.75	119
DLCO/VA	mL/min/mmHg/L	4.31	5.50	128
VA [BTPS]	L	7.14	6.68	94
VI [BTPS]	L	5.02	4.26	85
Diffusion Time	sec		10.07	

Respiratory Muscle Force

Parameter	Units	Ref	Pre	% Ref
MIP	cmH2O	88	87	99
MEP	cmH2O	133	129	97



Test History

Parameter	Units	Today	Previous Test Results - Most Recent to Past			
			12/28/2005	12/13/2005	10/26/2005	5/5/2005
FVC	L	4.35	4.18	4.13	4.36	4.44
FEV1	L	3.31	3.10	3.16	3.31	3.53
FEV1 / FVC	%	76	74	77	76	80
TLC	L	6.35	----	6.01	6.51	6.40
RV	L	1.97	----	1.49	2.15	1.96
RV/TLC	%	31	----	25	33	31
DLCO	mL/min/mmHg	35.89	----	32.31	37.25	30.60

Comments:


Patient was very cooperative

Interpretation:

These test results indicate normal pulmonary function.

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.


 Colin Chapman, M.D.