

**PFT Laboratory**  
 151 Essex Street  
 Haverhill, MA 01832  
 (978) 521-4440

Temp: 22°C PBar: 768mmHg PF Reference: Knudson/Miller

Name: **Callahan, Michael J.**

Date: **28-Dec-05**

MRN: **09413352**

Clinician: **Patrick Morgan**

Location: **Pulmonary Clinic**

Interpreting Physician: **Colin Chapman, M.D.**

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

Diagnosis: **Allergic Rhinitis**

Age: **52**

Smoker: **N**

Type:

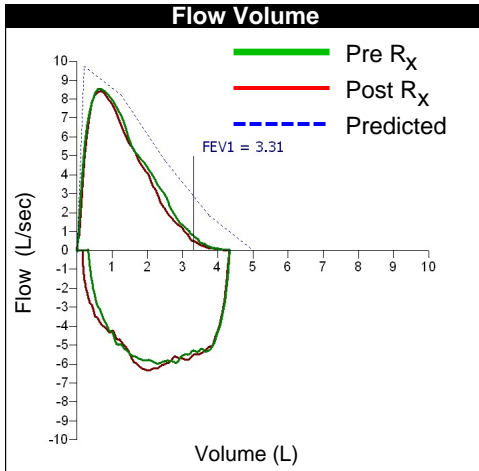
Gender: **M**

How Long (pk/yr): **N/A**

Race: **W**

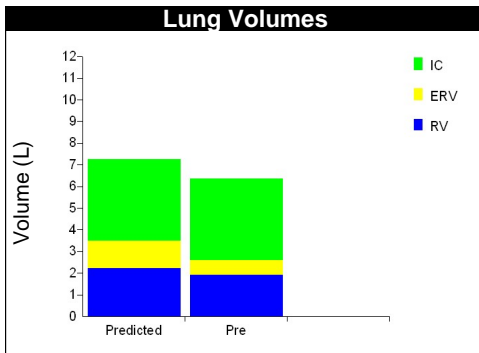
Height: **70 in**

Weight: **275 lb** BMI: **39.5**



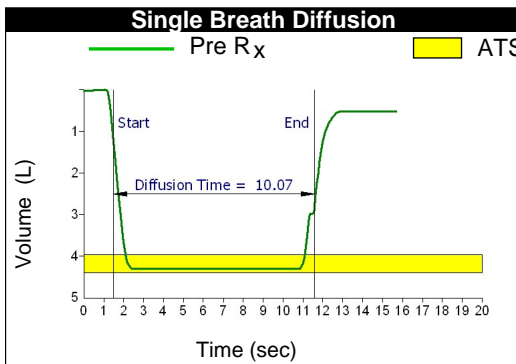
**Dynamic Spirometry**

		Predicted	Pre Bronchodilator		Post Bronchodilator		
			Actual	% Pred	Actual	% Pred	% Change
FVC	L	5.02	<b>4.35</b>	87	<b>4.33</b>	86	0
FEV1	L	3.88	<b>3.31</b>	85	<b>3.19</b>	82	-4
FEV1 / FVC	%	77	<b>76</b>	99	<b>74</b>	96	-3
FEF@%_&%	L/s	3.38	<b>2.76</b>	82	<b>2.26</b>	67	-18
PEFR	L/s	9.74	<b>8.54</b>	88	<b>8.44</b>	87	-1
FET	sec	---	<b>10.33</b>	---	<b>13.80</b>	---	34
FIVC	L	5.02	<b>4.02</b>	80	<b>4.17</b>	83	4
FIF50	L/s	---	<b>5.96</b>	---	<b>6.24</b>	---	5
MVV	L/m	151.6	---	---	---	---	--



**Lung Volumes (by He)**

		Predicted	Pre Bronchodilator	
			Actual	% Pred
VC	L	5.02	<b>4.38</b>	87
TLC	L	7.14	<b>6.35</b>	89
RV	L	2.25	<b>1.97</b>	88
FRC	L	3.54	<b>2.63</b>	74
ERV	L	1.29	<b>0.66</b>	51
IC	L	3.73	<b>3.72</b>	100
RV/TLC	%	34	<b>31</b>	91



**Diffusion**

		Predicted	Pre Bronchodilator	
			Actual	% Pred
DLCO	mL/min	30.83	<b>35.89</b>	116
DLCO [Hb]	mL/min	30.83	<b>36.75</b>	119
Hb	g/dl	14.6	<b>13.8</b>	---
VI [BTPS]	L	5.02	<b>4.26</b>	85

Hb 13.8 Drawn 12/26/2005

**MIP/MEP**

		Predicted	Actual	% Pred
MIP	cmH2O	88	<b>87</b>	99
MEP	cmH2O	133	<b>129</b>	97

Past Pulmonary Function Results for this Patient

Parameter	Units	Predicted Value	This Test	Previous Test Results - Most Recent to Past			
				28-Dec-05	13-Dec-05	26-Oct-05	05-May-05
FVC	L	5.02	4.35	4.18	4.13	4.36	4.44
FEV1	L	3.88	3.31	3.10	3.16	3.31	3.53
FEV1 / FVC	%	77	76	74	77	76	80
PEFR	L/s	9.74	8.54	9.01	8.46	9.13	8.80
TLC	L	7.14	6.35	----	6.01	6.51	6.40
FRC	L	3.54	2.63	----	2.24	2.25	2.70
RV	L	2.25	1.97	----	1.49	2.15	1.96
DLCO	mL/min/mmHg	30.83	35.89	----	32.31	37.25	30.60

**Arterial Blood Gases**

	O2 Delivery	pH	PaO2	PaCO2	HCO3-	O2 Sat	Alv O2	AaDO2
Normal room air values	L/Min	7.37 to 7.43	87 to 99 mmHg	36 to 44 mmHg	22 to 26 mEq/L	95 to 98 %	97 to 107 mmHg	5 to 15 mmHg
Rest		7.22	92.1	39.8	23.4	97.8		
Exercise (Ergometer)								

**Oximetry Report**

	Time:	Rest	1.00	2.00	3.00	4.00	5.00	6.00
Oximetry (Room Air)		98.5	98.5	98.0	97.2	96.3	96.0	95.3
Pulse		89	89	97	108	122	127	133

Type of exercise: Six Minute Walk  
Reason stopped: The test was stopped due to Dyspnea.

**Technician Notes:**

Patient was very cooperative

**Physician Interpretation**

These test results indicate normal pulmonary function.

Signed: \_\_\_\_\_

Colin Chapman, M.D.