

151 Essex Street
Haverhill, MA 01832

Name: **Michael J. Callahan** ID #: **09413352** DOB: **02-Jul-53** Age: **52**
Sex: **M** Height: **70 in** Weight: **275 lb** Race: **W** Smoker: **N** PackYears: **N/A**

Diagnosis: **Allergic Rhinitis**

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

Technician: **Patrick Morgan**

Most recent Hb: **13.8**

Environmental Data	
Temp:	22°C
Pressure:	768mmHg
Humidity:	50%
BTPS:	1.109

Spirometry at BTPS

Parameter		Pre Bronchodilator			Post Bronchodilator		Percent Change
		Actual	Predicted	% Pred	Actual	% Pred	
FEV1	L	3.31	3.88	85	3.19	82	-4
FVC	L	4.35	5.02	86	4.33	86	0
FEV1 / FVC	%	76	77	98	74	96	-3
FET	sec	10.33	----	----	13.80	----	34
FEF@%_&%	L/s	2.76	3.38	81	2.26	66	-18
FEF%)	L/s	3.95	4.73	83	3.49	73	-12
FEF&%	L/s	0.86	1.84	46	0.56	30	-35
PEFR	L/s	8.54	9.74	87	8.44	86	-1
PIFR	L/s	5.98	6.49	92	6.34	97	6
MVV	L/m	----	151.6	----	----	----	--

Lung Volumes

Parameter		Pre Bronchodilator		
		Actual	Predicted	% Pred
TLC	L	6.35	7.14	88
RV	L	1.97	2.25	87
RV/TLC	%	31	34	91
FRC	L	2.63	3.54	74
VC	L	4.38	5.02	87

Diffusion

Parameter		Pre Bronchodilator		
		Actual	Predicted	% Pred
DLCO	mL/min/mmHg	35.89	30.83	116
DLCO/VA	mL/min/mmHg/L	5.50	4.31	127
VA [BTPS]	L	6.68	7.14	93
VI [BTPS]	L	4.26	5.02	84

Plethysmography

Parameter		Pre Bronchodilator		
		Actual	Predicted	% Pred
Raw	cmH2O/L/s	1.99	1.70	117
sGaw	L/s/cmH2O	0.18	0.26	69
PF [open]	B/min	70.00	----	----

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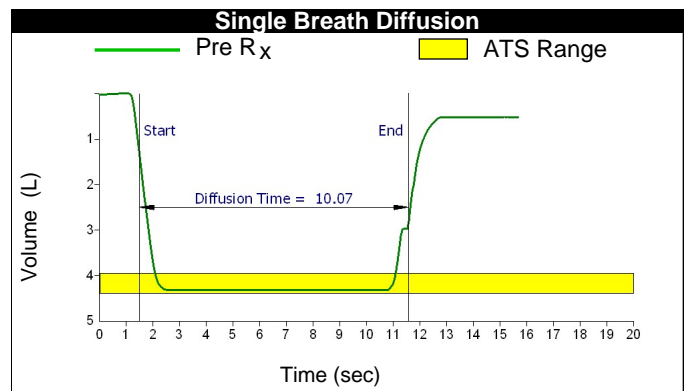
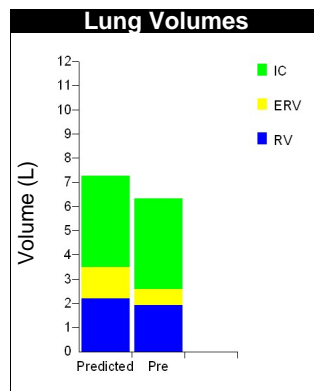
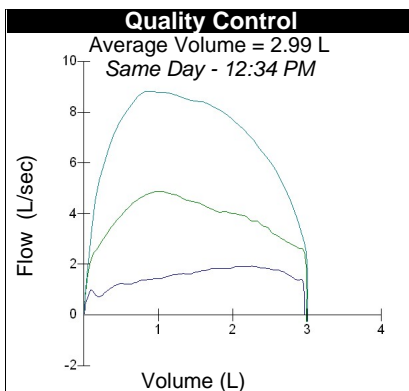
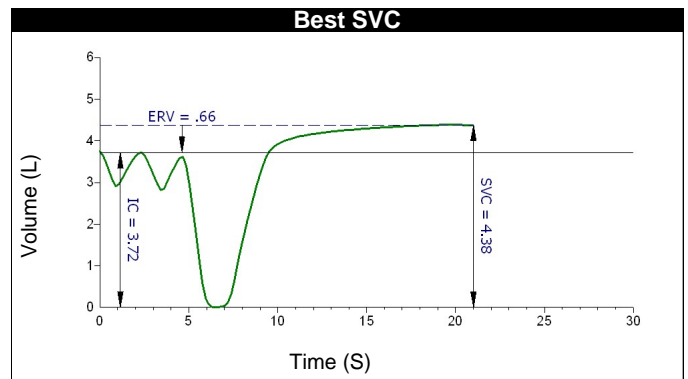
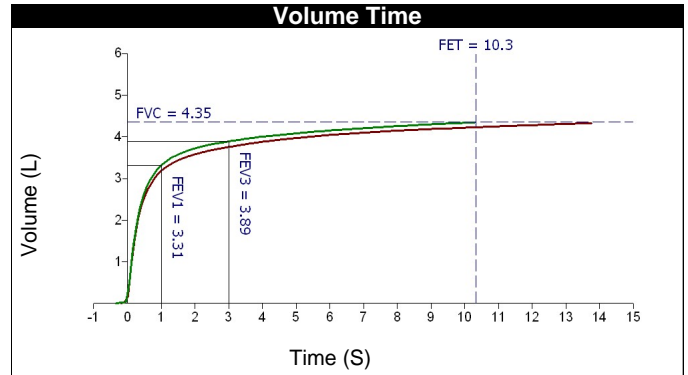
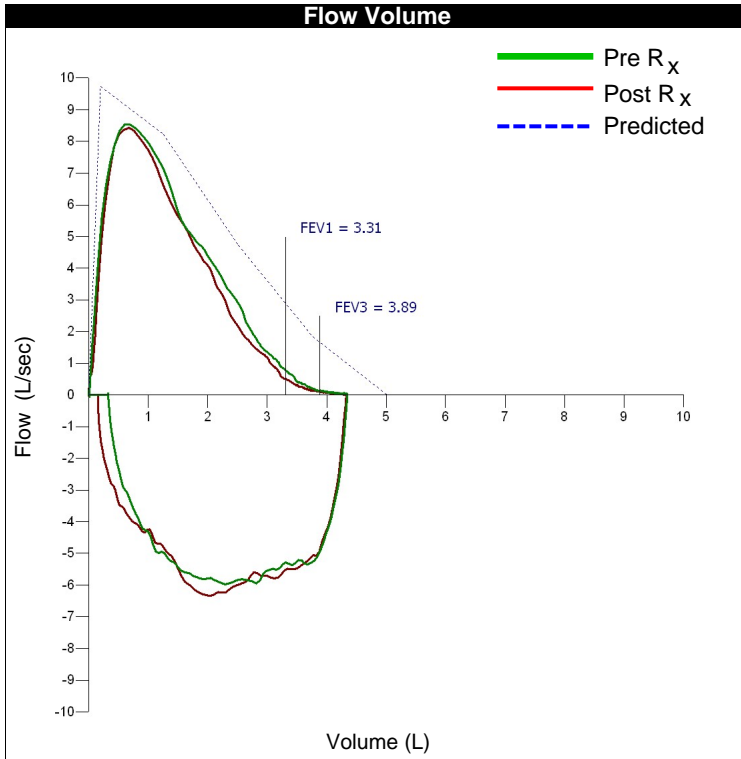
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Past Pulmonary Function Results for this Patient

Parameter	Units	Today's Test	Previous Test Results - Most Recent to Past							
			28-Dec-05	13-Dec-05	% Diff	26-Oct-05	% Diff	05-May-05	% Diff	17-Mar-05
FVC	L	4.35	4.18	-4	4.13	-6	4.36	<1	4.44	2
FEV1	L	3.31	3.10	-7	3.16	-5	3.31	<1	3.53	6
FEV1 / FVC	%	76	74	-3	77	1	76	<1	80	5
TLC	L	6.35	----	----	6.01	-6	6.51	2	6.40	<1
RV	L	1.97	----	----	1.49	-25	2.15	9	1.96	-1
RV/TLC	%	31	----	----	25	-20	33	6	31	<1
DLCO	mL/min/mmHg	35.89	----	----	32.31	-10	37.25	3	30.60	-15

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.

Physician Review:

These test results indicate normal pulmonary function.

Signature: _____