

**Morgan Scientific, Inc.**

151 Essex Street  
Haverhill, MA 01832

Date Tested: 13-Dec-05

Name: **Ivan T. Morganski**

ID #: **09413352**

Age: 51

Sex: M

Height: 75 in

Weight: 223 lb

Smoker: N PackYears: N/A

Race: Race

Doctor: Colin Chapman, M.D.

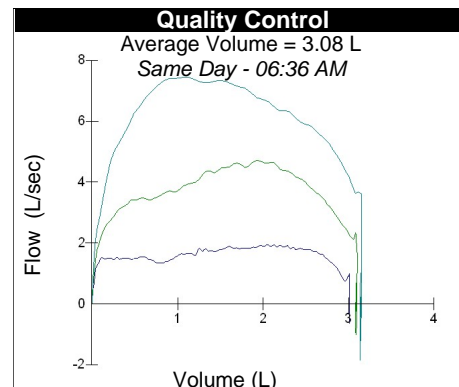
Technician: Patrick Morgan

Predicteds: Mixed

Diagnosis: Cough

### Blood Gases

Parameter		Range	Rest
FIO2	(%)		
PaO2	(mmHg)	>65	<b>92.0</b>
PaCO2	(mmHg)	35 to 43	<b>38.0</b>
PH		7.37 to 7.43	<b>7.41</b>
Hb	(gm %)	12 to 16	<b>14.8</b>
SaO2	(%)	>92	<b>99.0</b>
HCO3	(mEq/L)	18 to 26	
B.E.	(mEq/L)	-3.0 to +3.0	



### Spirometry at BTPS

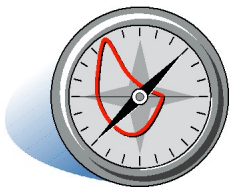
Function	Units	Predicted	Pre Bronchodilator		Post Bronchodilator		% Change
			Meas	% Pred	Meas	% Pred	
FVC	L	5.87	<b>7.61</b>	130	<b>7.67</b>	131	1
FEV1	L	4.53	<b>5.31</b>	117	<b>5.44</b>	120	2
FEV1 / FVC	%	78	<b>70</b>	90	<b>71</b>	91	1
PEFR	L/s	10.90	<b>13.15</b>	121	<b>13.26</b>	122	1
FEF@%_&%	L/s	3.89	<b>3.67</b>	94	<b>3.80</b>	98	4
FIVC	L	5.87	<b>7.51</b>	128	<b>7.49</b>	128	0
PIFR	L/s	7.27	<b>8.91</b>	123	<b>8.61</b>	118	-3

### Lung Volumes (He)

Function	Units	Predicted	Pre Bronchodilator	
			Meas	% Pred
VC	L	5.87	<b>7.71</b>	131
IC	L	4.43	<b>5.67</b>	128
FRC	L	3.82	<b>4.25</b>	111
ERV	L	1.44	<b>2.04</b>	142
RV	L	2.38	<b>2.21</b>	93
TLC	L	8.10	<b>9.92</b>	122
RV/TLC	%	34	<b>22</b>	<b>65</b>

### Technician Notes:

Patient was very cooperative



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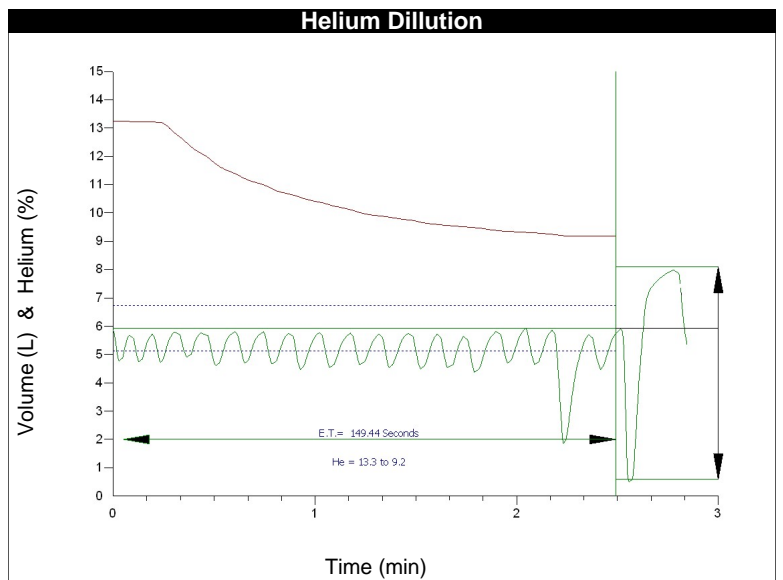
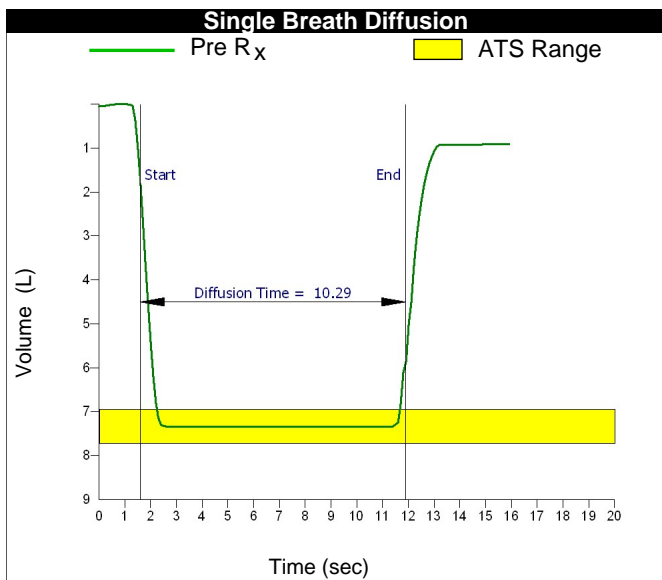
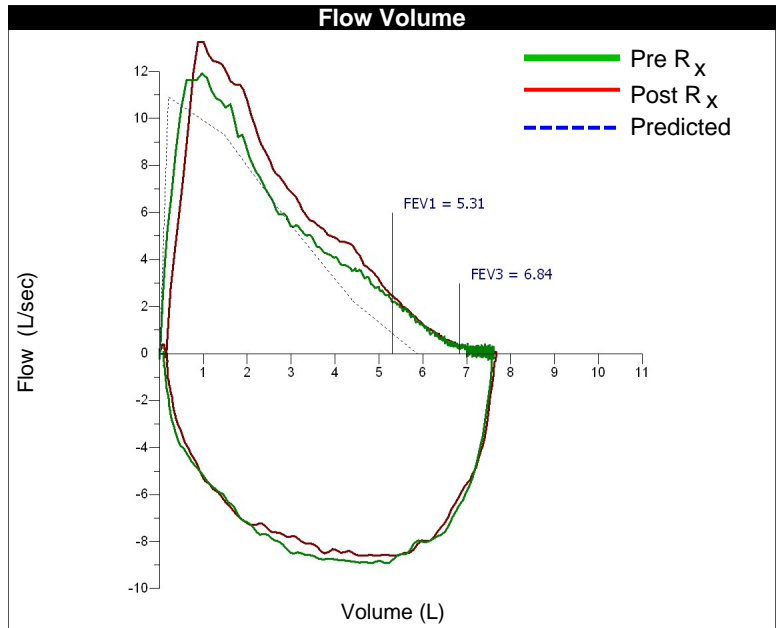
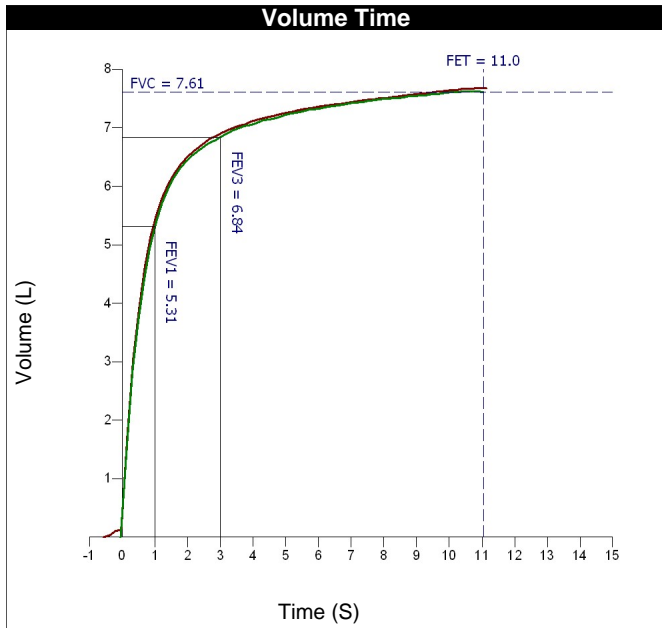
Technician: **Patrick Morgan**

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### Diffusion

Function	Units	Predicted	Pre Bronchodilator Meas	% Pred
DLCO	mL/min/mmHg	35.01	<b>35.14</b>	100
DLCO/VA	mL/min/mmHg	4.34	<b>3.31</b>	<b>76</b>
VA [BTPS]	L	8.10	<b>10.56</b>	130





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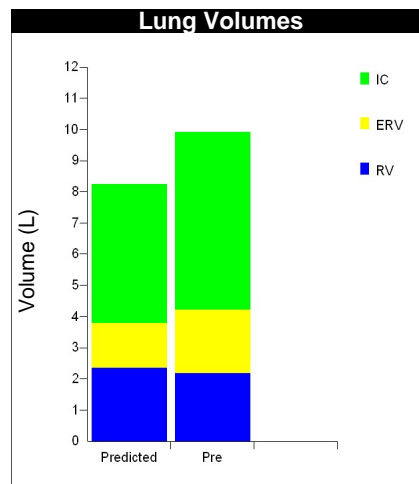
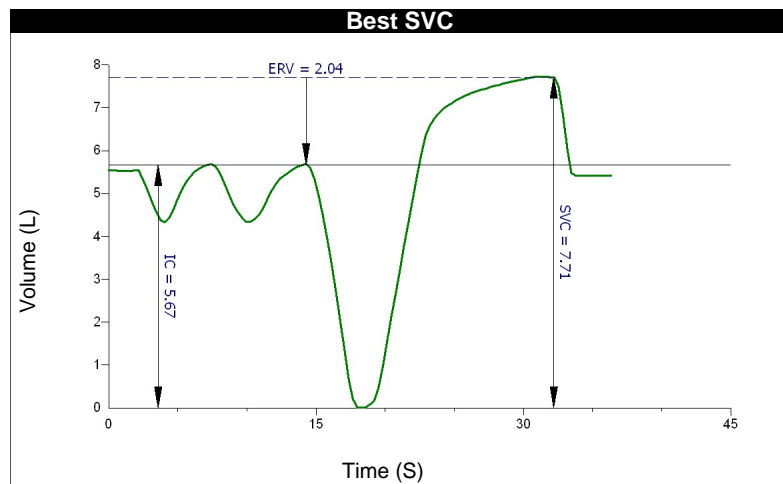
Race: **Race**

Doctor: **Colin Chapman, M.D.**

Technician: **Patrick Morgan**

Predicteds: **Mixed**

Diagnosis: **Cough**



*Past Pulmonary Function Results for this Patient*

Parameter	Units	Todays Test	Previous Test Results - Most Recent to Past							
			04-Oct-05		18-Mar-05		13-Mar-05		29-Jan-04	
		13-Dec-05	Pre	Post	Pre	Post	Pre	Post	Pre	Post
FVC	L	<b>7.61</b>	7.93	---	7.50	---	7.30	<b>7.32</b>	7.80	---
FEV1	L	<b>5.31</b>	5.70	---	5.42	---	5.11	<b>5.08</b>	5.67	---
FEV1 / FVC	%	<b>70</b>	72	---	72	---	70	<b>69</b>	73	---
PEFR	L/s	<b>13.15</b>	12.26	---	11.30	---	11.53	<b>11.78</b>	10.73	---
TLC	L	<b>9.92</b>	10.24	---	---	---	10.10	---	10.18	---
FRC	L	<b>4.25</b>	4.71	---	---	---	5.02	---	4.88	---
RV	L	<b>2.21</b>	2.16	---	---	---	2.66	---	2.23	---
DLCO	mL/min/mmHg	<b>35.14</b>	39.78	---	---	---	37.18	---	35.75	---