



Brigham & Women's Hospital Pulmonary Function Testing

75 Francis Street
Boston, MA 02115
(617) 732-7424

Date of Test: 2/2/2004
Date/Time of Report: 12/5/2005 03:00 PM
Date/Time of Change:
Temp: 23°C
Pressure: 772mmHg
BTPS: 1.085

Name: **Ivan T. Morganski** MRN: **764675** Sex: **M** DOB: **11/16/1954** Age: **49** Race: **B**
Height: **75 in** Weight: **223 lb** BMI: **28.1** Diagnosis: 1: **Cough**
Location: **Inpatient [PP]** 2:
Technician: **PFM** Attending: **Robert Thompson, M.D. (2777)** Referring: **John Williams, M.D. (777777)**

ATS compliant tests are indicated by a **✓**: **FVC** **FRC** **DLCO** **Raw** **✓**

Predicted values have been corrected for race.

Height measurement determined using patient arm span.

Spirometry (BTPS)		Predicted Range		Pre Bronchodilator		Post Bronchodilator		Percent Change
		Mean	95%	Actual	% Pred	Actual	% Pred	
FVC	L	4.84	3.72	7.78	161	7.80	161	0
FEV1	L	3.81	2.97	5.66	149	5.66	149	0
FEV1 / FVC	%	78	70	73	94	73	94	0
FEF@%_&%	L/s	3.53	1.86	4.27	121	4.33	123	1
PEFR	L/s	8.63	4.74	11.25	130	10.48	121	-7
FET	sec	----	----	7.75	----	7.35	----	-5
MVV	L/m	171.5	114.7	188.0	110	----	----	--

Lung Volumes (Box)		Predicted Range		Pre Bronchodilator	
		Mean	95%	Actual	% Pred
TLC	L	7.12	5.51	10.46	147
FRC	L	4.12	2.66	5.41	131
IC	L	3.00	----	5.05	168
ERV	L	1.84	----	3.03	165
RV	L	2.28	1.52	2.38	104
RV/TLC	%	29	20	23	79
VC	L	4.84	3.72	8.08	167

Resistance		Predicted Range		Pre Bronchodilator	
		Mean	95%	Actual	% Pred
sGaw	L/s/cmH2O	0.12	----	0.12	100
Raw	cmH2O/L/s	2.80	----	1.58	56

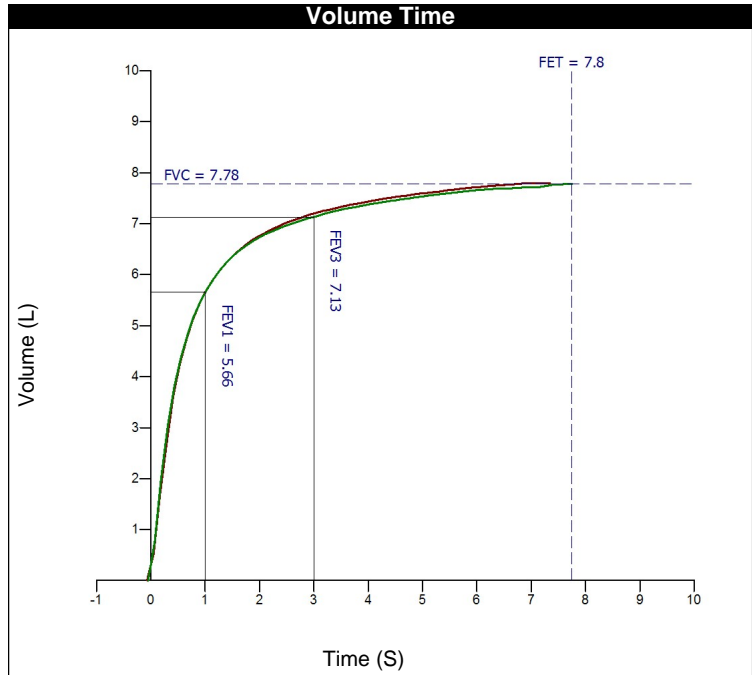
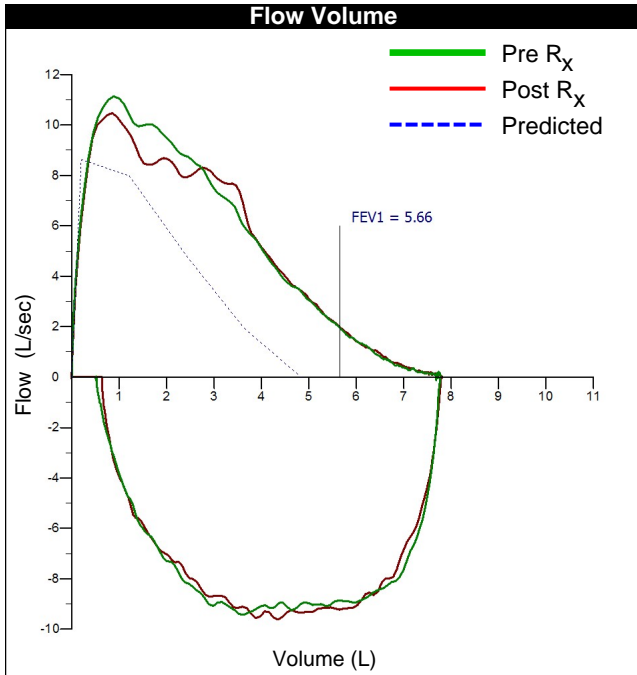
Diffusion		Predicted Range		Pre Bronchodilator		Hb	14.7	Drawn	12/5/2005
		Mean	95%	Actual	% Pred				
DLCO	mL/min/mmHg	32.96	24.97	38.93	118				
Hb	g/dl	14.6	12.0	14.7	----				
DLCO [Hb]	mL/min/mmHg	32.96	24.97	38.82	118				
VA [BTPS]	L	7.93	6.32	10.08	127				
DLCO/VA	mL/min/mmHg/L	4.97	----	3.85	77				

Respiratory Muscle Strength		Predicted Range		Actual	% Pred
		Mean	95%		
MIP	(cmH2O)	116		124	
MEP	(cmH2O)	218		246	

Oximetry Report

	Time:	Rest	1.00	2.00	3.00	4.00	5.00	6.00
Oximetry (Room Air)		99.0	98.5	98.6	97.2	96.3	92.5	91.0
Pulse		78	80	86	95	112	122	134

Type of exercise: Six Minute Walk
Reason stopped: The test was stopped due to Chest pain, Light-headedness.



Past Pulmonary Function Results for this Patient

Parameter	Units	Today 02-Feb-04	Previous Test Results - Most Recent to Past							
			29-Jan-04	% Diff	19-Jan-04	% Diff	02-Dec-03	% Diff	12-Nov-03	% Diff
FVC	L	7.78	7.80	<1	7.75	-1	7.71	-1	7.72	-1
FEV1	L	5.66	5.67	<1	5.72	1	5.61	-1	5.36	-6
FEV1 / FVC	%	73	73	<1	74	1	73	<1	69	-6
DLCO [Hb]	mL/min/mmHg	38.82	36.02	-8	39.67	2	----	----	39.28	1
VA [BTPS]	L	10.08	10.07	-1	10.19	1	----	----	10.04	-1
DLCO/VA	mL/min/mmHg/L	3.85	3.58	-8	3.89	1	----	----	3.91	1

Technician Notes:

Patient was very cooperative. Bronchodilator used - Albuterol

Physician Interpretation

Spirometry is within normal limits. Lung volumes are within normal limits. Diffusing capacity appears normal. After Bronchodilator, values are essentially unchanged. (Note: A lack of response to Bronchodilators does not preclude their use).

Robert Thompson, M.D.