



Pulmonary Function Analysis

Patient: Giddens, Roy
 Id: 8660135742
 Date: 03/05/12
 Physician: Dr. Anyadiegwu

Diagnosis: SOB

Age: 77 Height(in): 68 Weight(lb): 158 Gender: Male Race: Caucasian



Spirometry

	Ref	Pre Meas	Pre % Ref	Post Meas	Post % Ref	Post % Chg
FVC Liters	3.90	0.84	22	0.94	24	12
FEV1 Liters	2.53	0.56	22	0.60	24	7
FEV1/FVC %	67	67		64		
FEF25-75%L/sec	2.24	0.37	16	0.35	16	-5
FEF50% L/sec	3.47	0.40	11	0.42	12	6
PEF L/sec	7.54	2.92	39	2.36	31	-19
MVV L/min	112					



Lung Volumes

TLC Liters	5.93
RV Liters	2.52
RV/TLC %	43
FRC N2 Liters	3.58



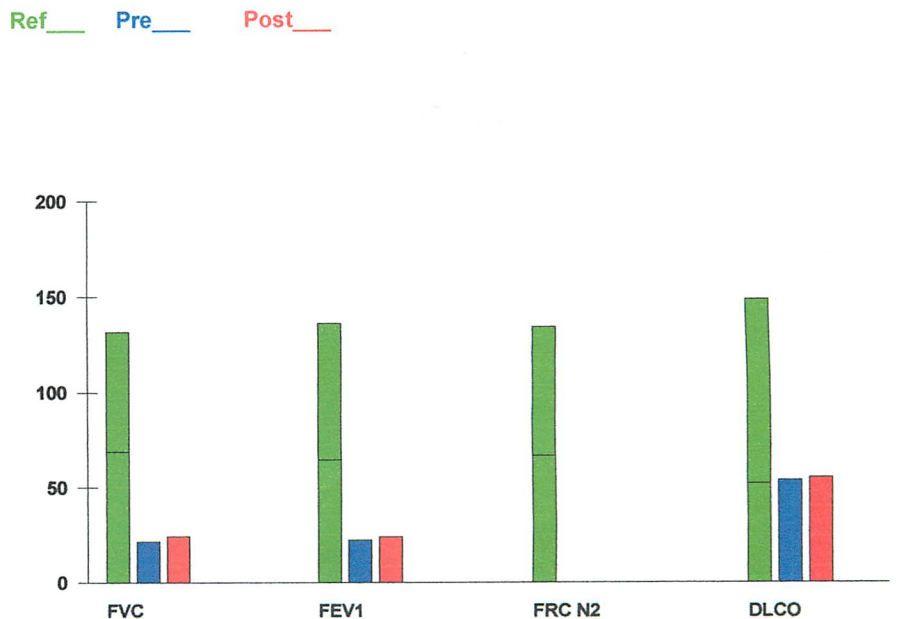
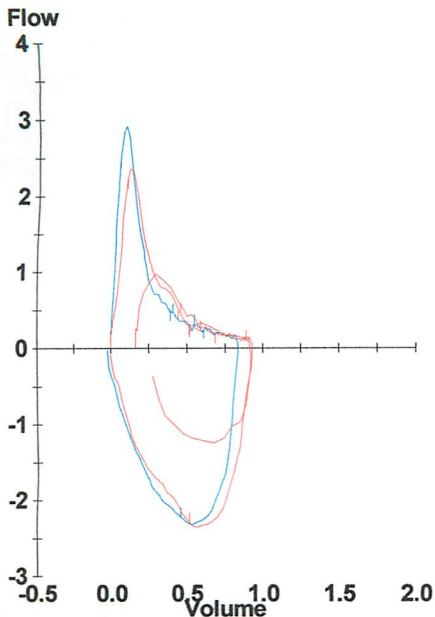
Diffusion

	Ref	Pre Meas	Pre % Ref	Post Meas	Post % Ref	Post % Chg
DLCO mL/mmHg/min	17.2	9.1	53	9.4	55	3
DL Adj mL/mmHg/min	17.2	9.1	53	9.4	55	3
DLCO/VA mL/mHg/min/L	3.34	3.75	112	3.80	114	1
DL/VA Adj mL/mHg/min/L		3.75		3.80		1
VA Liters		2.44		2.48		2



Maximal Respiratory Pressures

PI max cmH2O	101
PI Volume Liters	



Comments:

Patient showed good effort and understanding of the instructions given during the testing procedure. He was unable to meet the six second exhalation criteria for the flow volume loop testing. An Albuterol inhaler was given X 2 puffs as a bronchodilator prior to post testing results.

Interpretation:

By signing this interpretation the physician is acknowledging that he/she has reviewed the computer interpretation and, in his/her professional opinion, this is a true and accurate reflection of the patient's current clinical condition.

Date: 07/11/2011
 Patient Name: [Name]
 Room: [Room]

Parameter	Value	Reference Range
WBC	12.5	4.0 - 11.0
NEUT	85	50 - 70
LYM	10	20 - 40
PLT	250	150 - 400
Hemoglobin	14.5	12.0 - 16.0
Hematocrit	45	37 - 47
MCV	100	80 - 100
MCH	32	27 - 34
MCHC	32	32 - 36
RDW	13.5	11.5 - 14.5
PLT	250	150 - 400
PT	13.5	11.5 - 13.5
PTT	35	25 - 35
INR	1.0	0.8 - 1.1
CRP	10	< 1.0
ESR	25	< 20
Urea Nitrogen	10	7 - 14
Creatinine	1.2	0.7 - 1.3
BUN/Cr	8.3	10 - 20
Glucose	100	70 - 100
Cholesterol	200	< 200
Triglycerides	150	< 150
HDL	40	> 40
LDL	130	< 130
Vitamin D	20	> 20
Calcium	10	8.5 - 10.5
Phosphorus	3.5	2.5 - 4.5
Magnesium	1.8	1.6 - 2.2
Sodium	135	135 - 145
Potassium	4.0	3.5 - 5.0
Bilirubin	1.0	< 1.2
ALT	20	< 40
AST	20	< 40
ALP	100	40 - 120
GGT	20	< 40
Amylase	100	< 120
Lipase	100	< 160
Uric Acid	5.0	3.5 - 7.0
Urea Nitrogen	10	7 - 14
Creatinine	1.2	0.7 - 1.3
BUN/Cr	8.3	10 - 20
Glucose	100	70 - 100
Cholesterol	200	< 200
Triglycerides	150	< 150
HDL	40	> 40
LDL	130	< 130
Vitamin D	20	> 20
Calcium	10	8.5 - 10.5
Phosphorus	3.5	2.5 - 4.5
Magnesium	1.8	1.6 - 2.2
Sodium	135	135 - 145
Potassium	4.0	3.5 - 5.0
Bilirubin	1.0	< 1.2
ALT	20	< 40
AST	20	< 40
ALP	100	40 - 120
GGT	20	< 40
Amylase	100	< 120
Lipase	100	< 160
Uric Acid	5.0	3.5 - 7.0

Physician: Dr. Anirban Ghoshal

Date: 07/11/2011

