

ADULT PULMONARY FUNCTION LABORATORY - ROOM 1341 MOFFITT HOSPITAL

Phone (415) 476-2995 Fax (415) 502-7990

**Study Date:** 07/07/2016  
**Gender:** Male **Age:** 61  
**Height:** 64.6 in, 164.0 cm  
**Ref Physician:** FAHY 51873  
**Race:** White or Caucasian

**Ref Dept:** CHEST  
**Last Name:** GAUDET  
**Weight:** 60.9 kg, 134 lbs  
**Equipment Name:** OwlB-  
**Tech:** SL

**Patient ID:** 46236505  
**First Name:** STEPHEN  
**Birth Date:** 09/12/1954  
**Body Mass Index:** 22.6 kg/m2

Lung Volumes	Predicted	Observed	% Pred
Expiratory Reserve Vol (L)	1.03	0.28	27
Functional Residual Cap (L)	3.00	3.00	100
Inspiratory Capacity (L)	2.90	2.16	75
Total Lung Capacity (L)	5.90	5.17	88

Diffusion	Predicted	Observed	% Pred
Volume Inspired (L)		2.23	
Diffusing Capacity (sb) (Hb ml/min/mmHg)	28.12	23.08	82
Diffusing Capacity (sb) (ml/min/mmHg)	28.12	23.88	85
Alveolar Volume (sb) (L)	5.90	4.38	74
DLco/VA	4.92	5.45	111
DLco/VA adjusted	4.92	5.26	107
Hb (gm/100ml)		15.90	
COHb (%)		2.10	

Plethysmography	Predicted	Observed	% Pred	Post-BD	% Pred	% Chg
Total Lung Capacity (L)	5.90	6.01	102	5.71	97	-5
Residual Volume (L)	1.97	3.83	195	3.14	160	-18
Residual Vol/TLC (%)	33	64	193	55	167	-14
Thoracic Gas Volume (L)		4.26		3.45		-19
Resistance (Raw) (cmH2O/L/s)	0.6 - 1.81	6.97		4.93		-29
S Conductance (SGaw) (1/cmH2O*s)	0.1 - 0.35	0.03		0.06		77

Spirometry	Predicted	Observed	% Pred	Post-BD	% Pred	% Chg
Forced Vital Capacity (L)	3.86	2.19 *	57	2.72 *	70	24
Forced Expiratory Vol 1 sec (L)	2.91	0.89 *	30	1.16 *	40	31
FEV1/FVC (%)	75	41 *	54	43 *	57	5
Forced Expiratory Flow 25-75% (L/s)	2.44	0.25 *	10	0.34 *	14	38
Forced Expiratory Flow 25% (L/s)	6.72	0.67 *	10	1.09 *	16	64
Forced Expiratory Flow 50% (L/s)	3.97	0.31 *	8	0.45 *	11	47
Forced Expiratory Flow 75% (L/s)	1.35	0.10	7	0.13	9	28
Forced Expiratory Flow max (L/s)	7.97	4.95 *	62	4.99 *	63	1

PRELIMINARY REPORT

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**Spirometry**

	Predicted	Observed	% Pred
Vital Capacity (L)	3.86	2.45	63
Expiratory Reserve Vol (L)	1.03	0.28	27

**Single Breath N2**

	Predicted	Observed	% Pred
SBN2 Delta (%)	0.00 - 2.00	3.72	
SBN2 N2 Slope (%N2/L)	1.32	7.46	565
SBN2 CV/VC (%)	22.34	6.98 *	31
SBN2 CC/TLC (%)	45.13	45.03	100

Predicted values have been adjusted for Caucasian, African American, and Mexican American.

\* the observed measurement is outside the 95% confidence interval for the healthy reference population.

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