

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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