

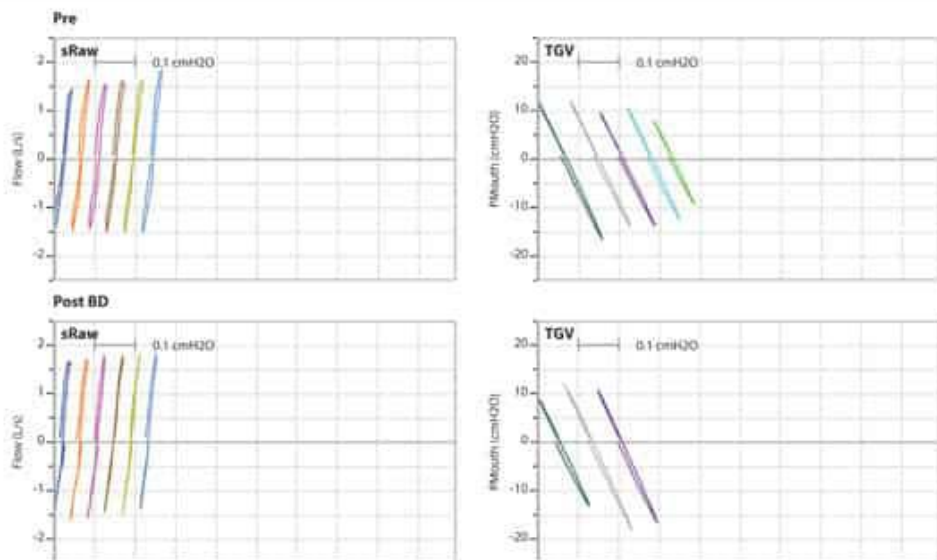


COSMED
Via dei Piani di Monte Savello, 37 - 00041 Albano Laziale - Rome
http://www.cosmed.com

Visit Date
28/03/2013
Protocol ID
17/10/2018

Name	SUBJECT DEMO		Sex	Male	Age	46	Weight (kg)	76.00	Height (cm)	178.0
Company	COSMED		DOB	04/03/1967	Sex	Male	Weight (kg)	76.00	Height (cm)	178.0
Occupation	demo subject		Physician	Mr. Q	Physician	Dr. House				
Ethnic	Caucasian	ERS/VECS (Body Plethysmography)								

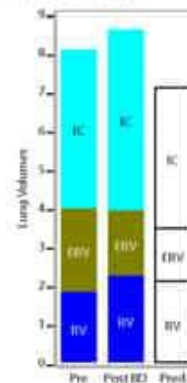
TGV/RAW post BD at 15:54 (Pre) - 16:09 (Post BD)



Name	SUBJECT DEMO		Sex	Male	Age	46	Weight (kg)	76.00	Height (cm)	178.0
Protocol	04/03/1967		Test	ERS/VECS (Body Plethysmography)						

PRE POST BD (Salbutamol) 400 mcg

		Meas.	Normal Range	Pred	% Pred	z score	Meas.	Change	% Change	% Pred	z score
sRaw	cmH2O/s	5.21	< 12.00	-	-	-	4.98	-0.23	-4	-	-
Raw	cmH2O*s/L	1.35	< 2.24	-	-	-	1.35	-0.11	-8	-	-
sGaw	l/cmH2O/s	0.20	> 0.08	-	-	-	0.22	0.02	8	-	-
Gaw	l/cmH2O/s	0.77	> 0.45	-	-	-	0.87	0.09	12	-	-
FRCP(pleth)	L	4.02	2.50 - 4.48	3.49	115	0.88	3.86	-0.06	-1	113	0.78
Raw Tot	cmH2O*s/L	2.44	< 3.06	-	-	-	1.96	-0.47	-19	-	-
Raw ins	cmH2O*s/L	2.06	-	-	-	-	2.14	0.09	4	-	-
Raw exp	cmH2O*s/L	1.47	-	-	-	-	1.60	-0.07	-4	-	-
ERV	L	2.16	-	1.38	157	-	1.68	-0.48	-22	122	-
IC	L	4.12	-	3.65	113	-	4.70	0.58	14	129	-
VC	L	6.28	3.51 - 5.21	4.36	144	-	6.39	0.11	2	146	-
TLC(Pleth)	L	8.13	5.99 - 8.29	7.14	114	1.42	8.66	0.52	6	121	2.17
RV(Pleth)	L	1.85	1.44 - 2.79	2.11	88	-0.63	2.27	0.42	22	107	0.38
RV/TLC(Pleth)	%	22.8	22.9 - 40.9	31.9	71	-1.67	26.2	3.4	15	82	-1.04
FRCP(Pleth)/TLC(Pleth)	%	48	42 - 65	53	92	-0.61	46	-4	-7	85	-1.15



Operator OC Pre: A Y C R S T Operator OC Post: X B C D E F



Name	SUBJECT DEMO		Gender	Male	Age	45	Weight (kg)	76.0	Height (cm)	178
Company	COSMED		DOB	04/03/1967	BMI (kg/m ²)	24.0	Smoker	No	Drugs	---
Occupation	demo subject		Technician	---	Physician	---	MR U	---	Dr. House	---
Site	Consultation	---	Site	---	---	---	---	---	---	---



Interpretation:

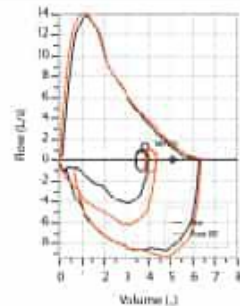
The subject has a FEV1/FVC% ratio of 80.1% and a FVC value of 6.28 L which are within the normal limits. Test results indicate a NORMAL SPIROMETRY

** Unconfirmed ** - Automatically generated interpretation

Confirm Report Signature: _____

Forced Vital Capacity @ 11:19 (Pre - 13:30 Post BD)

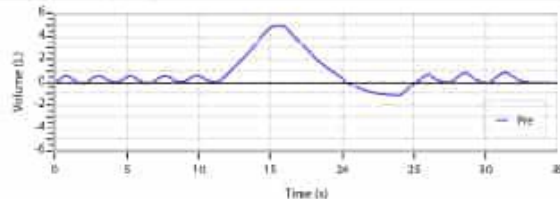
PRE					POST BD (Salbutamol: 400mcg)					
	Meas.	Normal Range	Pred	% Pred	z score	Meas.	Change	% Change	% Pred	z score
FVC	L	6.28	4.03 - 6.21	5.12	123	6.29	0.1	2	125	1.91
FEV1	L	5.03	3.19 - 4.88	4.06	124	5.16	0.1	3	127	2.21
FEV1/FVC%	%	80.1	69.1 - 88.0	79.7	101	80.9	0.8	1	101	0.20
FEF	L/s	14.28	---	---	---	14.16	-0.12	-1	---	---
FEF25-75%	L/s	4.68	2.11 - 5.96	3.80	171	4.84	0.16	5	170	0.84
MEF25%	L/s	1.95	0.63 - 2.79	1.37	142	2.02	0.08	4	147	0.88
MEF50%	L/s	5.57	---	---	---	5.73	0.16	3	---	---
MEF75%	L/s	12.33	---	---	---	12.59	0.26	2	---	---
FEV6	L	6.26	---	---	---	6.38	0.12	2	---	---
FEV1/FEV6%	%	80.1	---	---	---	81.4	0.8	1	---	---
MIF/MEF50%	---	1.5	---	---	---	1.5	0.0	-3	---	---
FEV1/FVCmax%	%	80.1	---	---	---	80.0	0.8	1	---	---



Computer QC Pre: **A** Excellent Technician QC Pre: **A** Excellent
Computer QC Post: **C** Satisfactory Technician QC Post: **C** Satisfactory

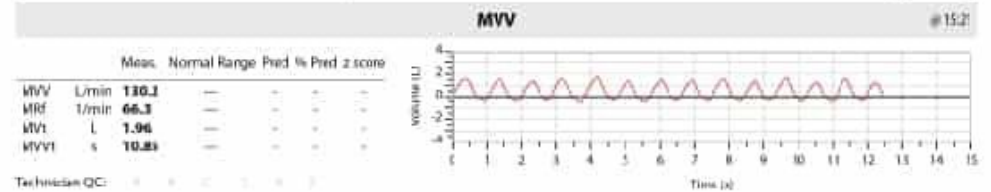
Slow Vital Capacity @ 12:04

PRE						
	Meas.	Normal Range	Pred	% Pred	z score	
IRV	L	1.26	---	---	---	
IC	L	4.88	---	---	---	
VC	L	6.14	4.83 - 6.21	5.12	120	1.33
RV	L	4.28	---	---	---	
Vt	L (btp)	0.597	---	---	---	



Computer QC Pre: **D** Barely Passing Technician QC Pre: **B** Good

Name	SUBJECT DEMO		Gender	Male	Age	46	Weight (kg)	76.0	Height (cm)	178
DOB	04/03/1967		Site	GLI (Spirometry)						



Technician QC: **C**



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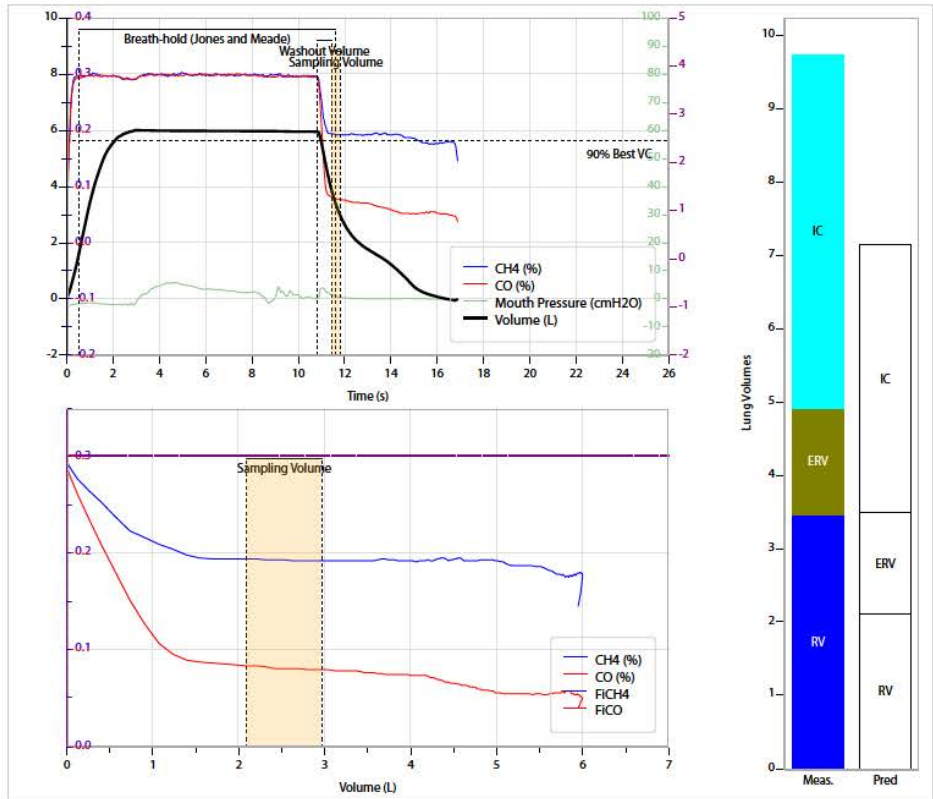
Visit Date: 3/28/2013
Printed On: 5/24/2021
Name: DEMO0001
Gender: Male
Age: 46.0
Weight (kg): 76.00
Height (cm): 178.0
BMI (kg/m²): 24.0
Smoker: No
Smoking Years: --
Cig/Day: --
Physician: Mr. Q
Class 2: Dr. House
Ethnicity: demo subject
Caucasian

Interpretation

The subject has an FEV1/FVC% ratio of 80.1% and an FVC value of 6.28 L which are within normal limits. No evidence of a diffusion defect is indicated by a diffusing capacity value of 47.13 mL/min/mmHg which is within normal limits. Test results indicate NORMAL PULMONARY FUNCTION

Sign: _____

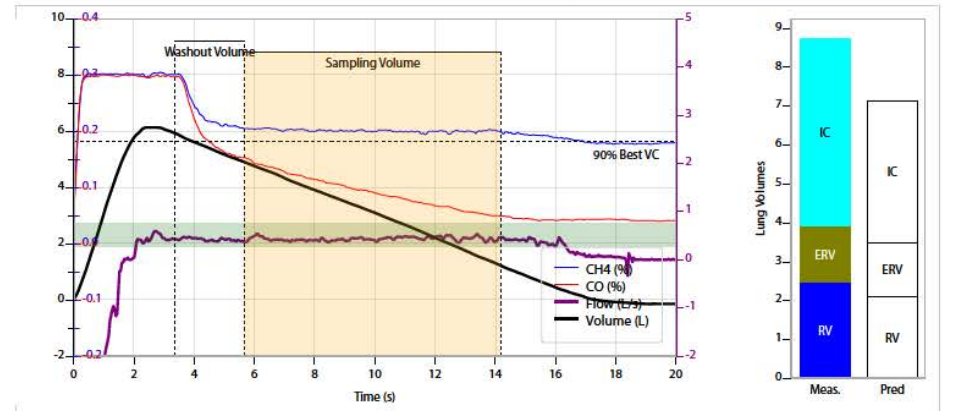
DIFFUSING LUNG CAPACITY (SINGLE BREATH)		Flowmeter	Device	Serial Number
		X9	Quark PFT with dongle	333333333
Test Time	Set	Acrob. Temp.	RH Amb	PB
3:24 PM	ECCS extended	16.0 °C	48 %	739 mmHg
Flowm. Temp.	RH Flow	STPD	BTPS Ins	BTPS Exp
31.0 °C	100 %	0.8019	1.0000	1.0000



SUBJECT DEMO		ID1	DEM00001		D.O.B	Gender	Age	Weight (kg)	Height (cm)
			3/4/1967	Male	46.0	76.00	178.0		
		Meas.	Normal Range	Pred	% Pred	z score	DLCO PB mL/min/mmHg		
DLCO PB	mL/min/mmHg	47.13	25.04 - 38.92	31.98	147	3.59	47.13		
DLCO corr	mL/min/mmHg	47.13	25.04 - 38.92	31.98	147	3.59	38.92		
VA	L	9.58	5.84 - 8.14	6.99	137	3.69			
		Meas.	Normal Range	Pred	% Pred	z score	KCO mL/min/mmHg/L		
DLCO pred,adj	mL/min/mmHg	47.13	--	31.98	147	--	4.92		
KCO	mL/min/mmHg/L	4.92	3.19 - 5.96	4.57	108	0.42	5.96		
IV(DLCO)	L	6.86	4.00 - 5.84	4.92	139	3.46			
TLC(DLCO)	L	9.74	5.99 - 8.29	7.14	136	3.71			
Vc	mL	273	--	--	--	--			
DM	mL/min/mmHg	56.87	--	--	--	--			

OPERATOR QC

DIFFUSING LUNG CAPACITY (INTRA BREATH)		Flowmeter	Device	Serial Number
		X9	Quark PFT with dongle	333333333
Test Time	Set	Amb. Temp.	RH Amb	PB
3:38 PM	ECCS extended	17.0 °C	48 %	739 mmHg
Flowm. Temp.	RH Flow	STPD	BTPS Ins	BTPS Exp
31.0 °C	100 %	0.8019	1.0000	1.0000



		Meas.	Normal Range	Pred	% Pred	z score	DLCO PB mL/min/mmHg		
DLCO PB	mL/min/mmHg	51.58	25.04 - 38.92	31.98	161	4.64	51.58		
DLCO corr	mL/min/mmHg	51.58	25.04 - 38.92	31.98	161	4.64	38.92		
DLCO pred,adj	mL/min/mmHg	51.58	--	31.98	161	--			
VA	L	8.58	5.84 - 8.14	6.99	123	2.27			
		Meas.	Normal Range	Pred	% Pred	z score	KCO mL/min/mmHg/L		
KCO	mL/min/mmHg/L	6.01	3.19 - 5.96	4.57	131	1.71	6.01		
IV(DLCO)	L	6.14	4.00 - 5.84	4.92	125	2.17			
TLC(DLCO)	L	8.75	5.99 - 8.29	7.14	122	2.29			

SYSTEM QC
F - FAILING

OPERATOR QC