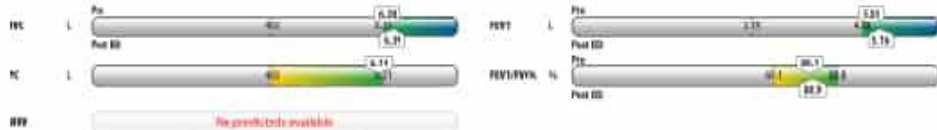




Name	SUBJECT DEMO		Gender	Male	Age	45	Weight (kg)	76.0	Height (cm)	178
Company	COSMED		DOB	04/03/1967	BMI (kg/m ²)	24.0	Smoker	No	Drugs	---
Occupation	demo subject		Technician	---	Physician	---	MR U	---	Dr. House	---
Site	Consensus	---	Site	---	GLI (Spirometry)					



Interpretation:

The subject has a FEV1/FVC% ratio of 80.1% and a FVC value of 5.03 L which are within the normal limits. Test results indicate a NORMAL SPIROMETRY

** Unconfirmed ** - Automatically generated interpretation

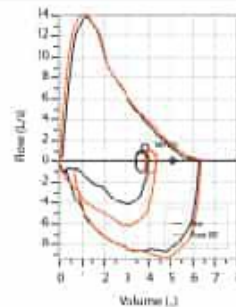
Confirm Report

Signature: _____

Forced Vital Capacity

@ 11:09 (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	1.75	6.29	0.1	2	125	1.91
FEV1	L	5.03	3.19-4.88	4.06	124	1.94	5.16	0.13	3	127	2.21
FEV1/FVC%	%	80.1	69.1-88.0	79.7	101	0.07	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	0.71	4.84	0.16	5	170	0.88
MEF25%	L/s	1.95	0.63-2.79	1.37	142	0.79	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	0.2	-3	---	---
FEV1/FVCmax%	%	80.1	---	---	---	---	80.0	0.8	1	---	---



Computer QC Pre: **A** Excellent

Technician QC Pre: **A** Excellent

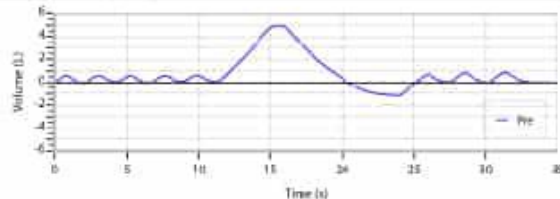
Computer QC Post: **C** Satisfactory

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

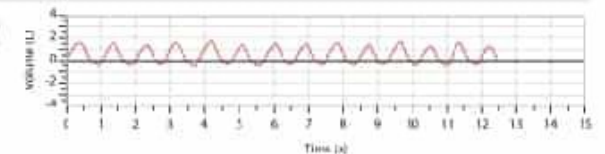
Technician QC Pre: **B** Good

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

MVV

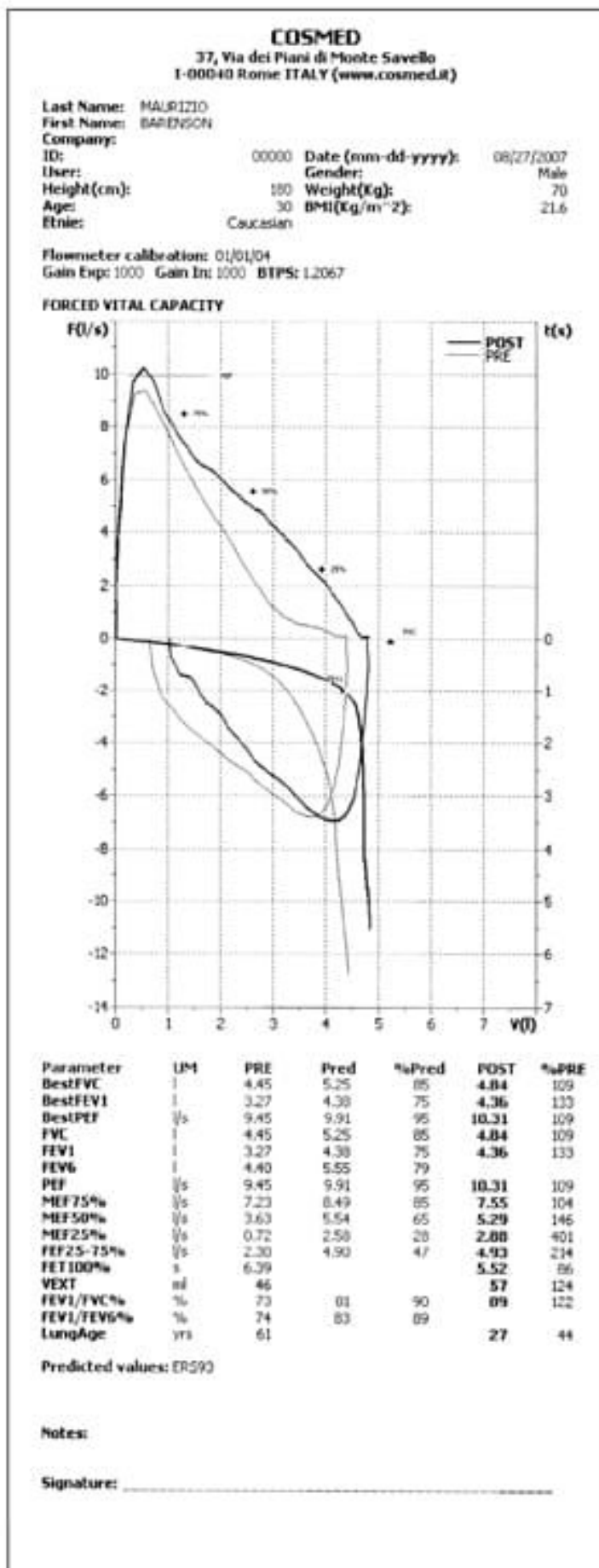
@ 15:21

	Meas.	Normal Range	Pred	% Pred	z score
MVV	L/min	130.1	---	---	---
MRF	L/min	66.3	---	---	---
MV1	L	1.96	---	---	---
MVV1	s	10.89	---	---	---



Technician QC: **C**

Real size example of Spirometry report printed through the built-in thermal printer



Patient data and latest calibration results.

Flow/volume and Volume/time loops are graphically presented, allowing easy comparison of measured and predicted values (PEF; FEF 75%; FEF 50%; FEF 25%; FVC)

The pre and post responses to bronchial challenge test are shown in the same graph, making immediately visible the patient's reaction to the inhalation of specific stimulants.

The new option of printing 3 maneuvers of a single FVC test, overlapped in the same graph, in accordance with the latest 2005 ERS-ATS standards, helps physicians controlling the reproducibility criteria.

Numerical presentation of measured versus predicted values and percent of variation.

Numerical comparison of both pre and post response to bronchial challenge protocol.

The possibility of editing notes, having them printed together with the automatic or personalized diagnosis and applying the signature, makes the report complete and ready to be given to the patient.

COSMED
 37, Via dei Piani di Monte Savello
 I-00040 Rome ITALY (www.cosmed.it)

Last Name: BOND
 First Name: JAMES
 Company: COSMED
 ID: 00001
 Operator:
 Height(cm): 195
 Age: 37
 Race: Caucasian

Date (mm-dd-yyyy): 03/15/2004
 Gender: Male
 Weight(Kg): 97
 BMI(Kg/m²): 25.5

FORCED VITAL CAPACITY

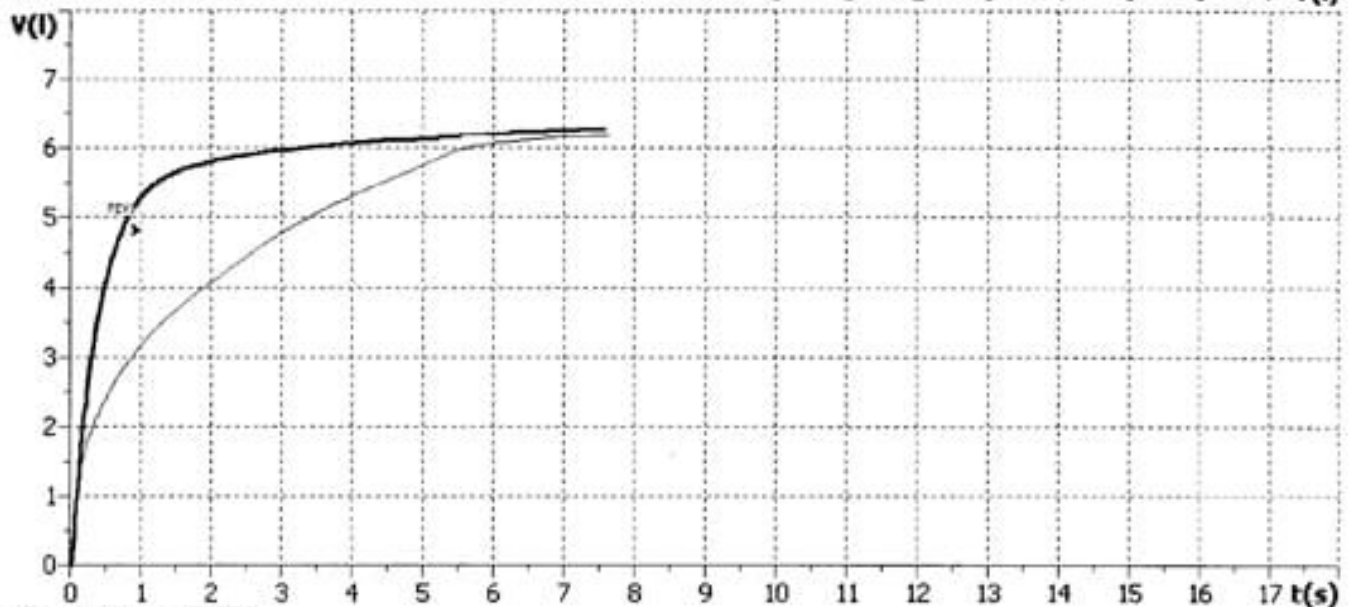
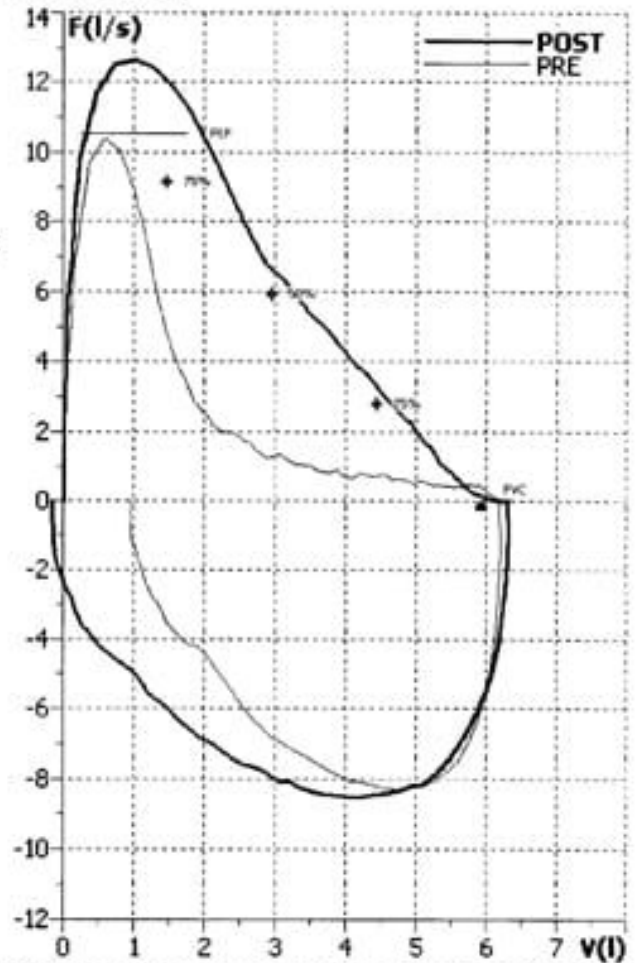
Parameter	UM	PRE	Pred	%Pred	POST	%PRE
BestFVC	l	6.22	5.93	105	6.36	102
BestFEV1	l	3.16	4.82	66	5.32	169
BestPEF	l/s	10.43	10.53	99	12.67	121
FVC	l	6.22	5.93	105	6.36	102
FEV1	l	3.16	4.82	66	5.32	169
FEV6	l	6.07	6.41	95	6.23	103
PEF	l/s	10.43	10.53	99	12.67	121
MEF75%	l/s	4.32	9.10	47	11.58	268
MEF50%	l/s	1.32	5.09	22	6.15	464
MEF25%	l/s	0.67	2.79	24	2.48	372
FEF25-75%	l/s	1.18	4.89	24	5.41	459
FET100%	s	7.63			7.56	99
FEV1/FVC%	%	50	80	63	83	166
FEV1/VC%	%	56	80	70		
FEV1/FEV6%	%	52	82	63	85	163

SLOW VITAL CAPACITY

Parameter	UM	Actual	Pred	%Pred
VC	l	5.61	6.21	90
ERV	l	1.84	1.67	111
VE	l/m	14.8		
Rf	l/m	32.7		
Vt	l	0.45		
Vt/Ti	l/s	0.57		
Ti/Ttot		0.42		

MAX VOLUNTARY VENTILATION

Parameter	UM	Actual	Pred	%Pred
MVV	l/m	118.6	163.9	72
MRf	l/m	36.7		
MVt	l	3.23		
MVVt	s	11.43		



Predicted values: ERS93
 QC: Non reproduc. FVC, Non reproduc. FEV1
 Diagnosis: Moderate obstruction, Reversible obstruction
 Notes:

Signature: _____