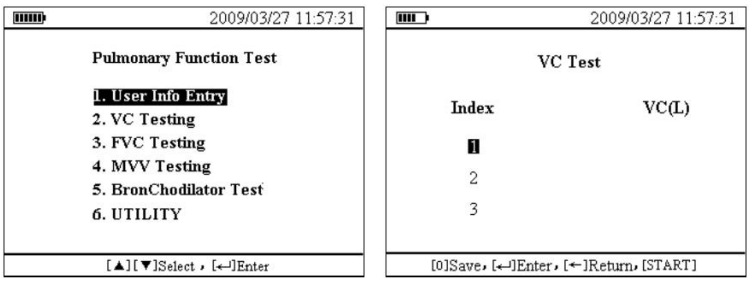
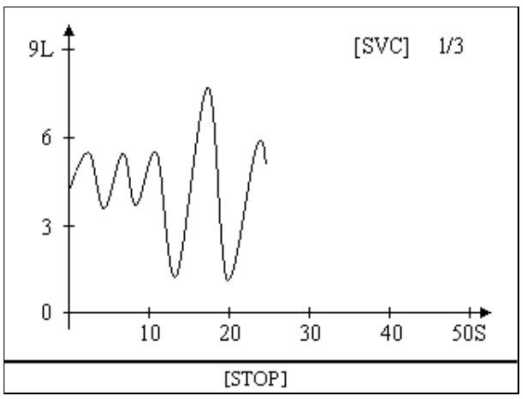
VC Test

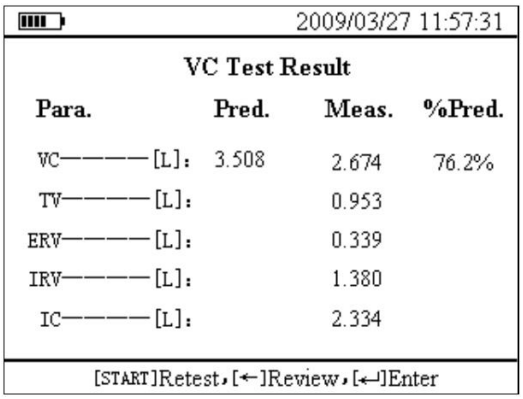
VC test flow



VC test comparison screen

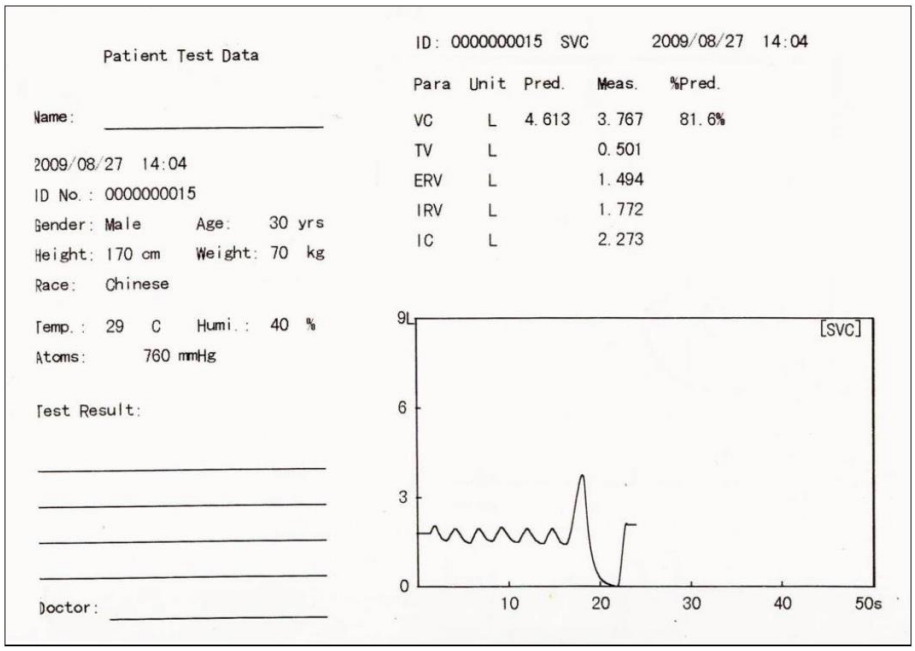


VC test curve screen



VC test results screen

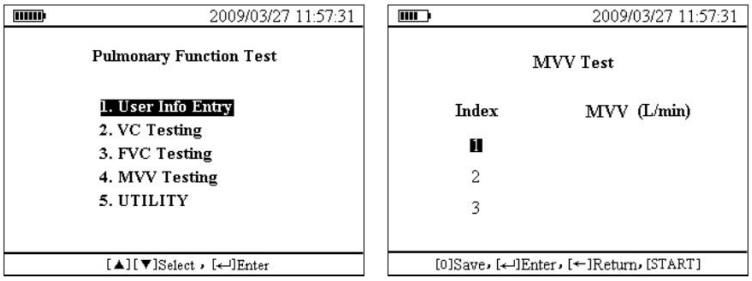
VC test report



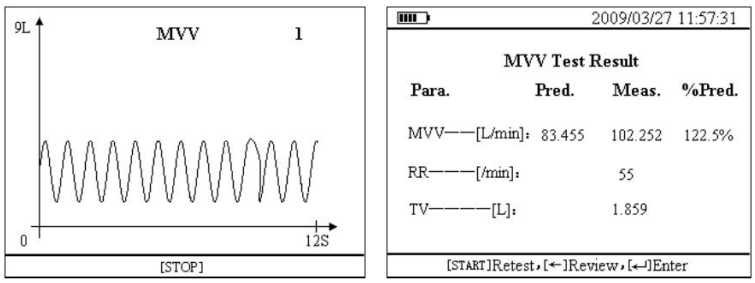
VC test report

MVV Test

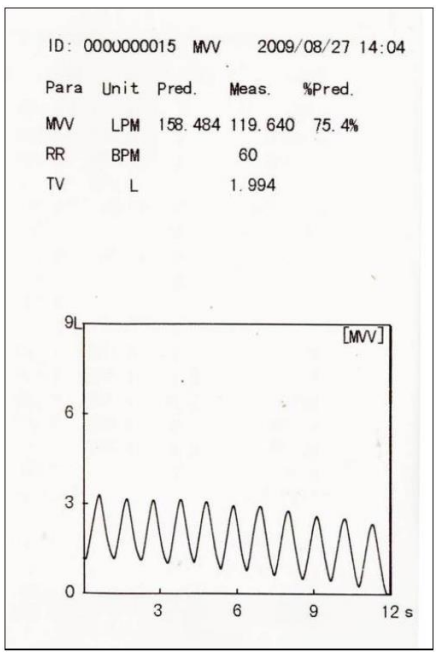
MVV test flow



MVV test comparison screen



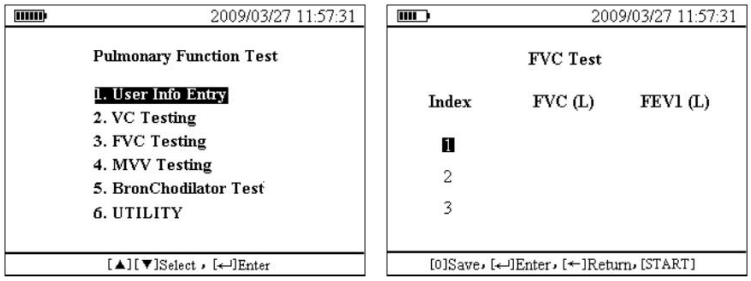
MVV Test curve and resultsMVV test report



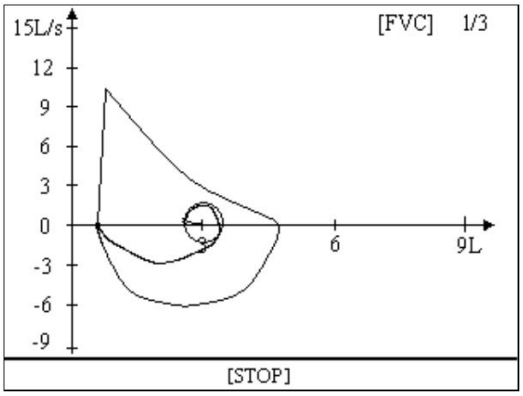
MVV test report

FVC test

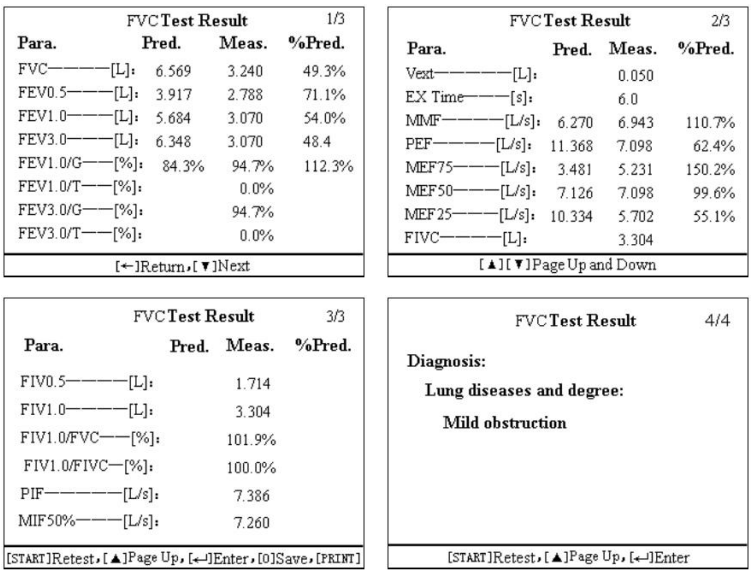
FVC test flow



FVC test comparison screen



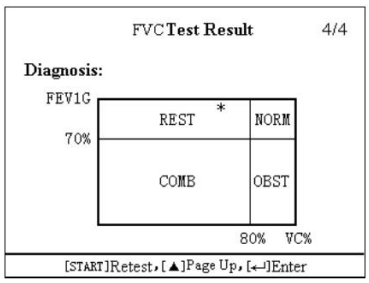
FVC test curve



FVC test results

⚠ Attention ❗Because one chooses different diagnosis mode in “Mode Setting” screen, the content and style of FVC test results will vary in fourth page.

Shown as in figure 4-16, the fourth page is the diagnosis results in ATS or NIOSH mode, if the mode is changed to DIAGNOSIS, the results is like right-hand figure.



In the figure: NORM means ordinary

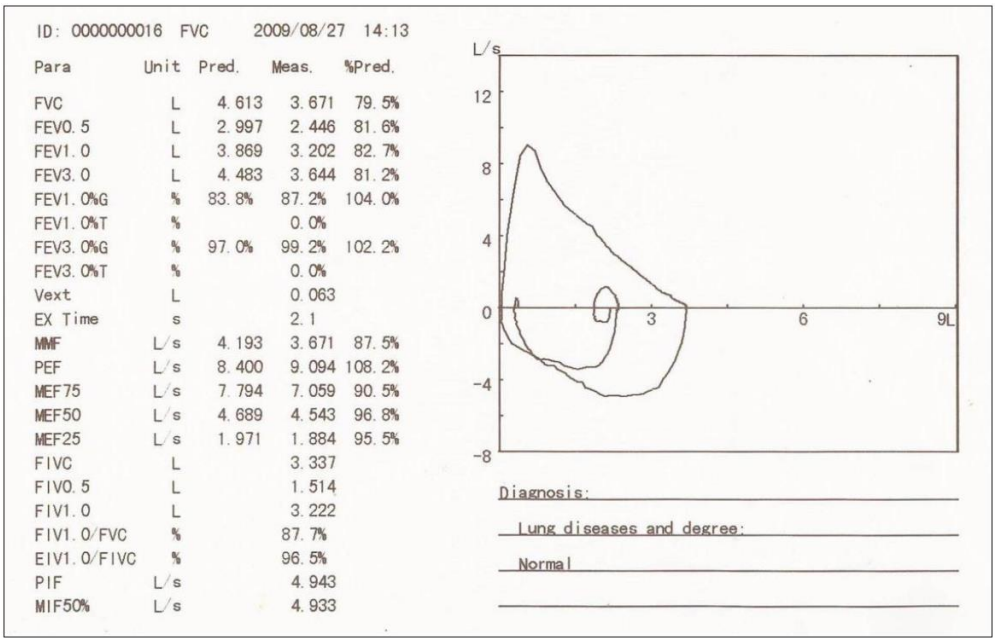
REST means restricted type harm

OBST means obstruction type harm;

COMB means composite type harm (restraint + obstruction).

ult, you can’t print test report at last.

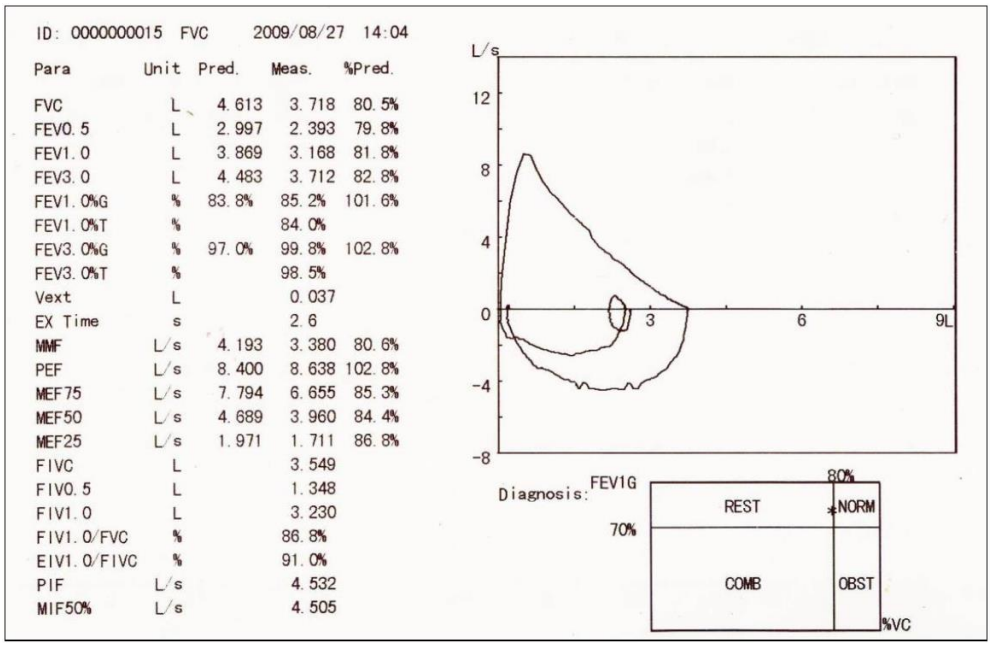
FVC test report



ID: 0000000016 FVC 2009/08/27 14:13

Para	Unit	Pred.	Meas.	%Pred.
FVC	L	4.613	3.671	79.5%
FEV0.5	L	2.997	2.446	81.6%
FEV1.0	L	3.869	3.202	82.7%
FEV3.0	L	4.483	3.644	81.2%
FEV1.0%G	%	83.8%	87.2%	104.0%
FEV1.0%T	%		0.0%	
FEV3.0%G	%	97.0%	99.2%	102.2%
FEV3.0%T	%		0.0%	
Vext	L		0.063	
EX Time	s		2.1	
MMF	L/s	4.193	3.671	87.5%
PEF	L/s	8.400	9.094	108.2%
MEF75	L/s	7.794	7.059	90.5%
MEF50	L/s	4.689	4.543	96.8%
MEF25	L/s	1.971	1.884	95.5%
FIVC	L		3.337	
FIV0.5	L		1.514	
FIV1.0	L		3.222	
FIV1.0/FVC	%		87.7%	
EIV1.0/FIVC	%		96.5%	
PIF	L/s		4.943	
MIF50%	L/s		4.933	

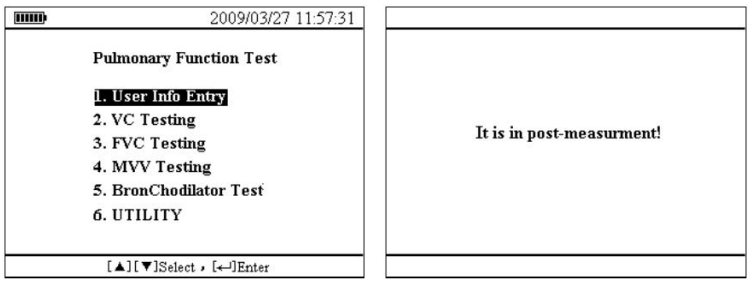
One style of FVC report



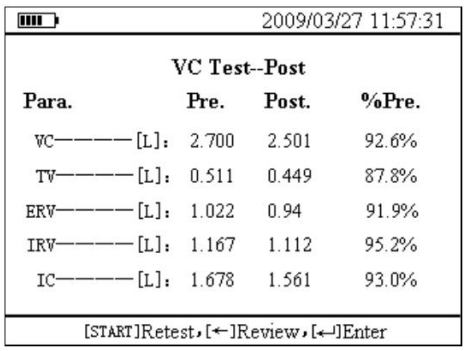
ID: 0000000015 FVC 2009/08/27 14:04

Para	Unit	Pred.	Meas.	%Pred.
FVC	L	4.613	3.718	80.5%
FEV0.5	L	2.997	2.393	79.8%
FEV1.0	L	3.869	3.168	81.8%
FEV3.0	L	4.483	3.712	82.8%
FEV1.0%G	%	83.8%	85.2%	101.6%
FEV1.0%T	%		84.0%	
FEV3.0%G	%	97.0%	99.8%	102.8%
FEV3.0%T	%		98.5%	
Vext	L		0.037	
EX Time	s		2.6	
MMF	L/s	4.193	3.380	80.6%
PEF	L/s	8.400	8.638	102.8%
MEF75	L/s	7.794	6.655	85.3%
MEF50	L/s	4.689	3.960	84.4%
MEF25	L/s	1.971	1.711	86.8%
FIVC	L		3.549	
FIV0.5	L		1.348	
FIV1.0	L		3.230	
FIV1.0/FVC	%		86.8%	
EIV1.0/FIVC	%		91.0%	
PIF	L/s		4.532	
MIF50%	L/s		4.505	

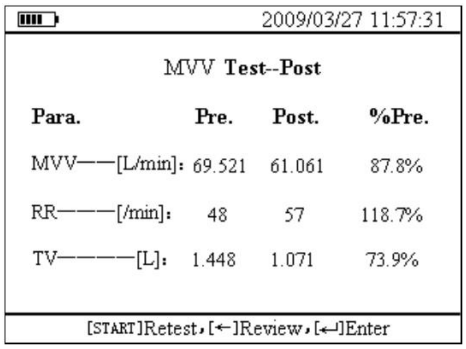
Second style of FVC report



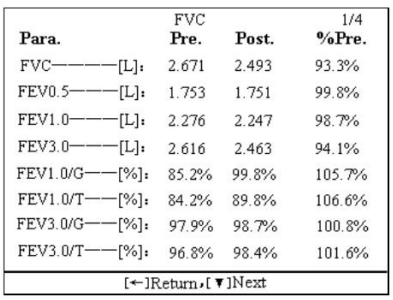
Post mode

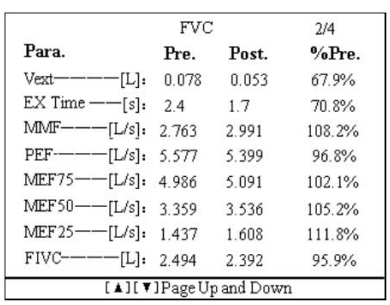


SVC results in post-measurement



MVV results in post-measurement





FVC 3/4

Para.	Pre.	Post.	%Pre.
FIV0.5————[L]:	1.012	0.769	75.9%
FIV1.0————[L]:	2.084	2.044	98.0%
FIV1.0/FVC——[%]:	78.0%	81.9%	105.0%
FIV1.0/FIVC —[%]:	83.5%	85.4%	102.2%
PIF————[L/s]:	2.641	2.635	99.7%
MIF50%————[L/s]:	2.344	2.011	111.3%

[▲][▼]Page Up and Down

FVC Test Result 4/4

Diagnosis:

Lung diseases and degree:

Mild obstruction

Improvement (Post):

No improved

[START]Retest, [▲]Page Up, [↵]Enter

Patient Test Data

Name: _____

2009/08/27 14:07
ID No. : 0000000015
Gender: Male Age: 30 yrs
Height: 170 cm Weight: 70 kg
Race: Chinese

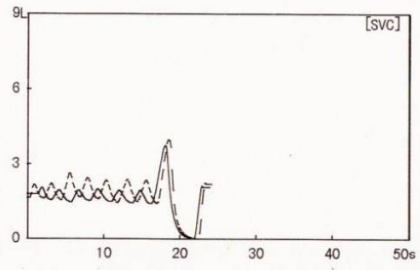
Temp. : 29 C Humi. : 40 %
Atoms: 760 mmHg

Test Result:

Doctor: _____

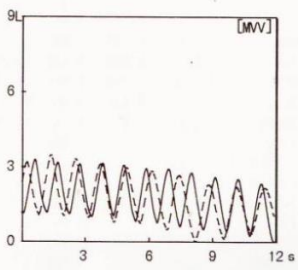
ID: 0000000015 SVC 2009/08/27 14:07

Para	Unit	Pred.	Meas.	%Pred.	Post.	%Pre.
VC	L	4.613	3.767	81.6%	4.015	106.5%
TV	L		0.501		0.856	170.8%
ERV	L		1.494		1.569	105.0%
IRV	L		1.772		1.590	89.7%
IC	L		2.273		2.446	107.6%



ID: 0000000015 MVV 2009/08/27 14:07

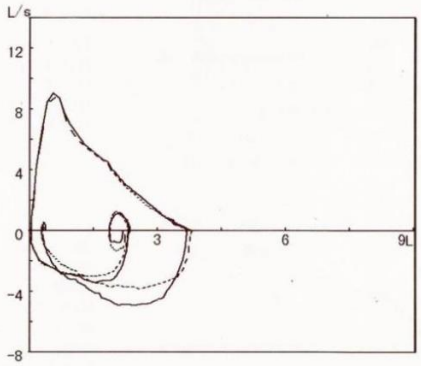
Para	Unit	Pred.	Meas.	%Pred.	Post.	%Pre.
MVV	LPM	158.484	119.640	75.4%	107.600	89.9%
RR	BPM		60		49	81.6%
TV	L		1.994		2.196	110.1%



Post-measurement report part 1

ID: 0000000016 FVC 2009/08/27 14:27

Para	Unit	Pred.	Meas.	%Pred.	Post.	%Pre.
FVC	L	4.613	3.671	79.5%	3.777	102.8%
FEV0.5	L	2.997	2.446	81.6%	2.387	97.5%
FEV1.0	L	3.869	3.202	82.7%	3.150	98.3%
FEV3.0	L	4.483	3.644	81.2%	3.715	101.9%
FEV1.0%G	%	83.8%	87.2%	104.0%	83.3%	95.5%
FEV1.0%T	%		0.0%		0.0%	------
FEV3.0%G	%	97.0%	99.2%	102.2%	98.3%	99.0%
FEV3.0%T	%		0.0%		0.0%	------
Vext	L		0.063		0.042	66.6%
EX Time	s		2.1		3.6	171.4%
MMF	L/s	4.193	3.671	87.5%	3.237	88.1%
PEF	L/s	8.400	9.094	108.2%	8.807	96.8%
MEF75	L/s	7.794	7.059	90.5%	6.631	93.9%
MEF50	L/s	4.689	4.543	96.8%	3.996	87.9%
MEF25	L/s	1.971	1.884	95.5%	1.536	81.5%
FIVC	L		3.337		3.486	104.4%
FIV0.5	L		1.514		1.141	75.3%
FIV1.0	L		3.222		2.830	87.8%
FIV1.0/FVC	%		87.7%		74.9%	85.4%
EIV1.0/FIVC	%		96.5%		81.1%	84.0%
PIF	L/s		4.943		3.843	77.7%
MIF50%	L/s		4.933		3.628	73.5%



Diagnosis: _____

Lung diseases and degree: _____

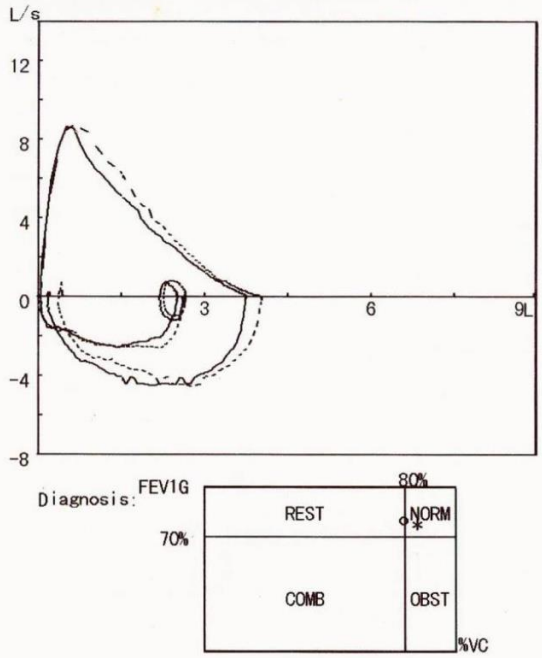
Normal _____

Improvement(Post): No improved _____

Post-measurement report part 2

ID: 0000000015 FVC 2009/08/27 14:07

Para	Unit	Pred.	Meas.	%Pred.	Post.	%Pre.
FVC	L	4.613	3.718	80.5%	4.020	108.1%
FEV0.5	L	2.997	2.393	79.8%	2.537	106.0%
FEV1.0	L	3.869	3.168	81.8%	3.270	103.2%
FEV3.0	L	4.483	3.712	82.8%	3.888	104.7%
FEV1.0%G	%	83.8%	85.2%	101.6%	81.3%	95.4%
FEV1.0%T	%		84.0%		81.4%	96.9%
FEV3.0%G	%	97.0%	99.8%	102.8%	96.7%	96.8%
FEV3.0%T	%		98.5%		96.8%	98.2%
Vext	L		0.037		0.053	143.2%
EX Time	s		2.6		4.5	173.0%
MMF	L/s	4.193	3.380	80.6%	3.547	104.9%
PEF	L/s	8.400	8.638	102.8%	8.745	101.2%
MEF75	L/s	7.794	6.655	85.3%	7.697	115.6%
MEF50	L/s	4.689	3.960	84.4%	4.011	101.2%
MEF25	L/s	1.971	1.711	86.8%	1.452	84.8%
FIVC	L		3.549		3.602	101.4%
FIV0.5	L		1.348		0.965	71.5%
FIV1.0	L		3.230		2.914	90.2%
FIV1.0/FVC	%		86.8%		72.4%	83.4%
EIV1.0/FIVC	%		91.0%		80.8%	88.7%
PIF	L/s		4.532		4.547	100.3%
MIF50%	L/s		4.505		4.146	92.0%



Diagnosis: FEV1G

Post-measurement report part 3