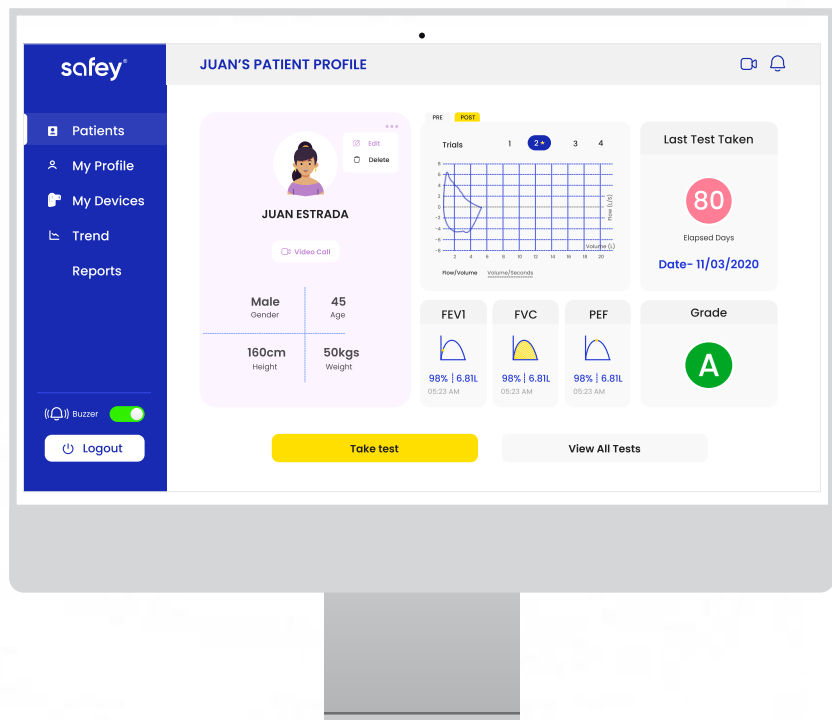


Desktop USB Spirometer

Microsoft Windows PC Based USB Spirometer
with Clinical Grade Accuracy



Safey[®]
A Product of Safey Inc USA



SALIENT FEATURES



USB Device



With Incentives
(Adults & Pediatric)



Test Types

- 1) FEVC (*Exhale only*)
- 2) Full Loop Test (*Inhale and Exhale*)
- 3) MVV
- 4) SVC



Platforms
Microsoft Windows



53 Spirometry
Parameters



POST Bronchodilator
Test



Suggested Diagnosis



Visual Graph



Report
Customization



"Enhanced"
Spirometry Report



Share Report



EHR and EMR
Integration



Export Report



Unlimited Tests

'A Powerful Multi Patient Spirometer App'

| TEST TYPE SUPPORTED



Forced Expiratory Vital Capacity

32 Spirometry Parameters



Flow Volume Loop

53 Spirometry Parameters



Slow Vital Capacity

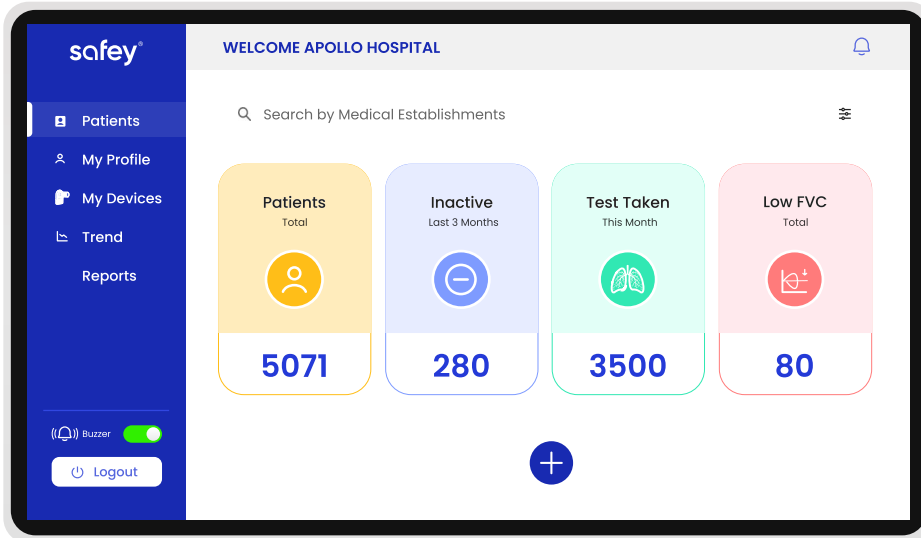
07 Spirometry Parameters



Maximal Voluntary Ventilation

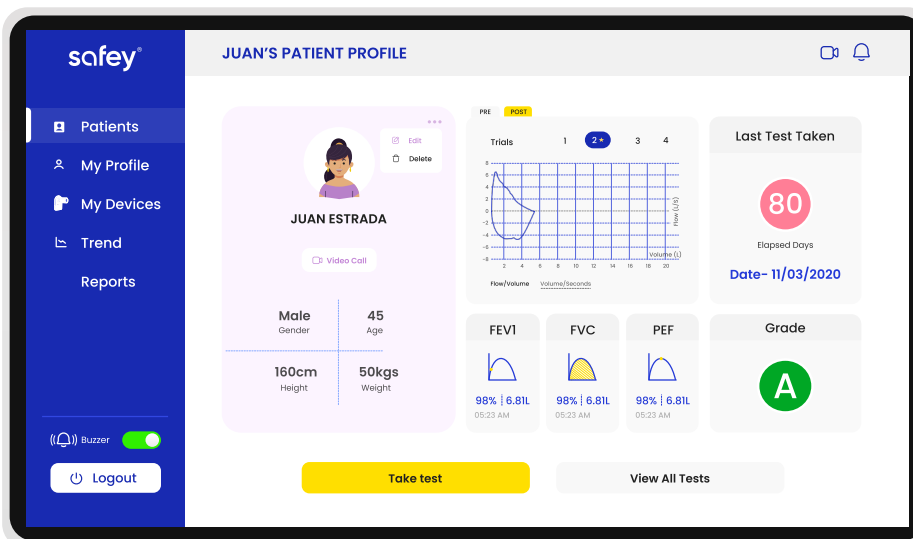
05 Spirometry Parameters

USB SPIROMETER FEATURES



ANALYTICAL DASHBOARD

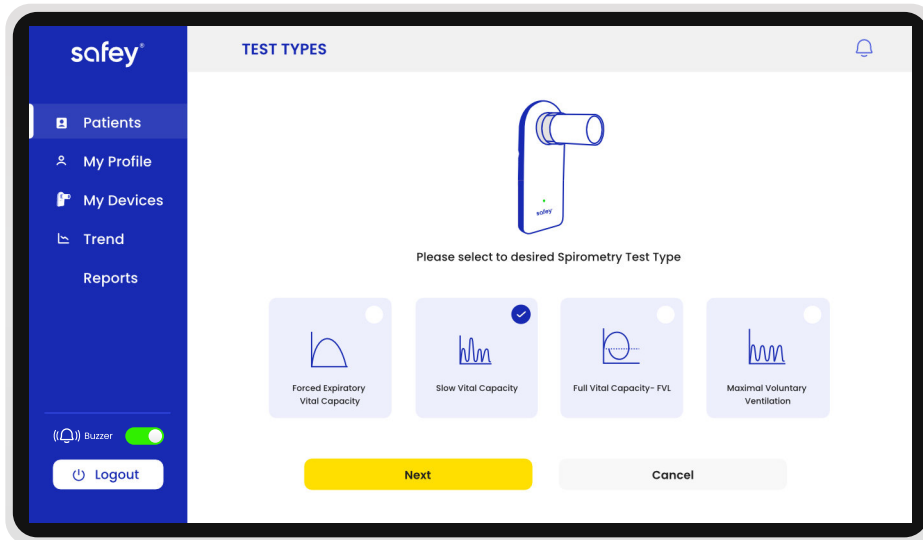
Smartly manage your Patients with the help of data available at your fingertips



PATIENT PROFILE

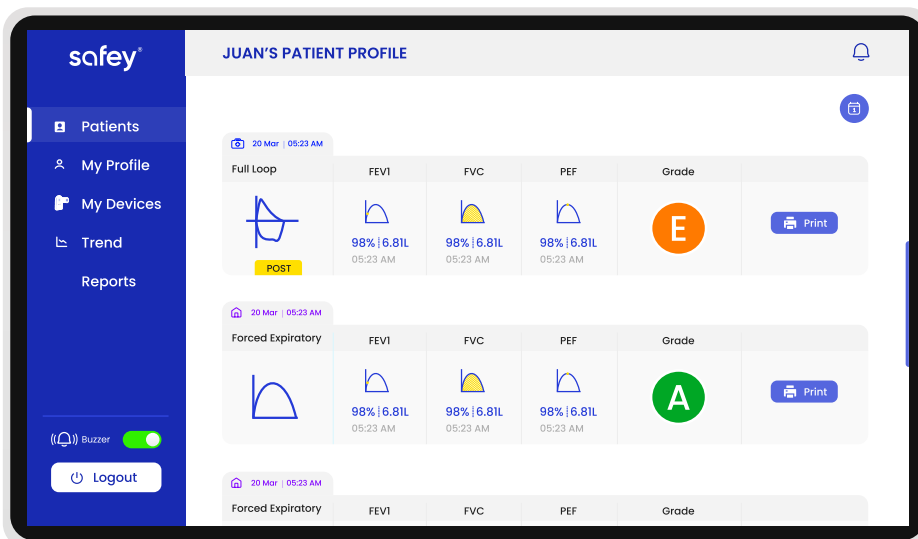
A detailed view of your Patient to help you to make informed decisions

USB SPIROMETER FEATURES



TEST TYPES

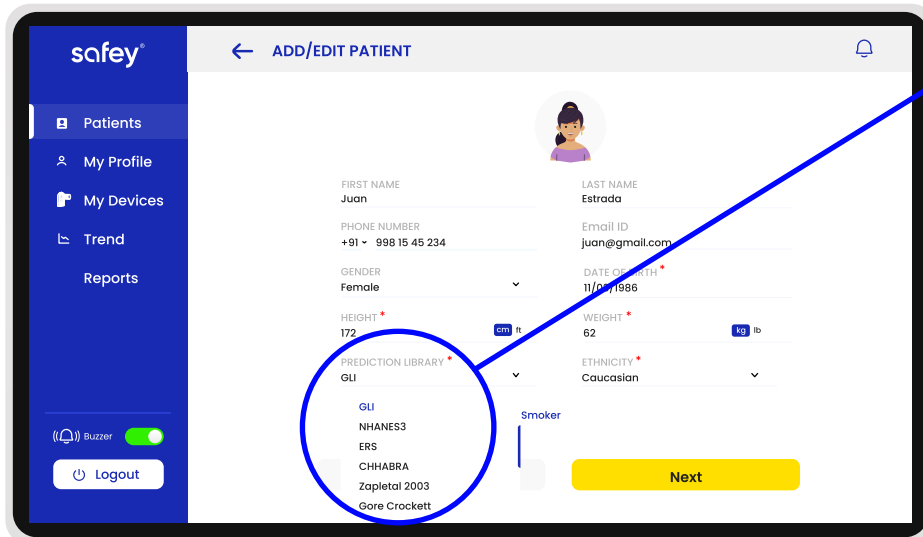
All major PFT Test Types available for better Diagnosis



TEST LISTING

Maintain history of unlimited Patient Test Records

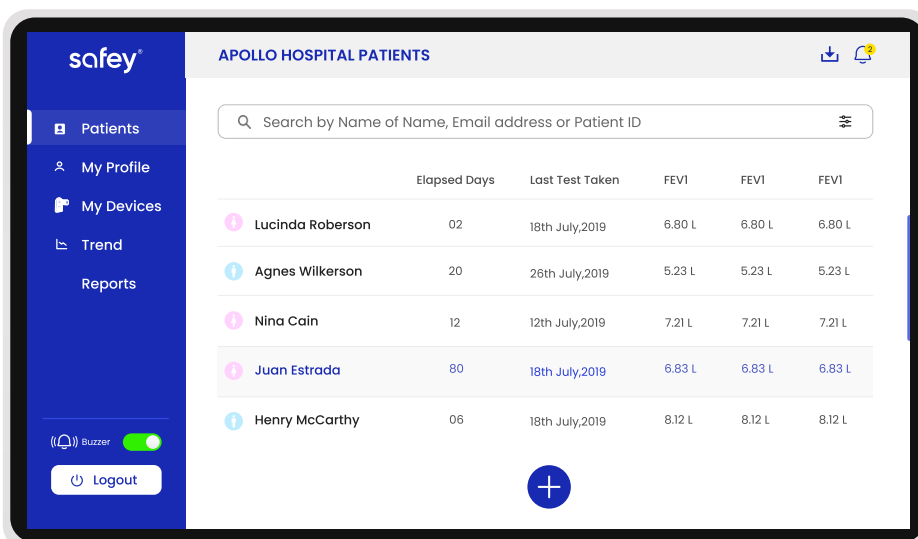
USB SPIROMETER FEATURES



1. GLI
2. NHANES3
3. ERS
4. CHHABRA
5. Zapletal 2003
6. Rosenthal
7. JRS 2014
8. Gore Crockett
9. Hibbert
10. Chile Gutierrez
11. Perez Padilla PLATINO

LIBRARY SELECTION

ATS/ERS recommended list of Lung Data Libraries covering many Ethnicity and various Geographic Regions



PATIENT LISTING

Maintain history of Unlimited Patient Data

SPIROMETRY PARAMETERS

FEVC

FVC	FEV0.25	FEV3/FVC	FEF50/FVC	FEF60
FEV1	FEV0.5	FEV6	FEF25-75	FEF75
FEV1/FVC	FEV0.5/FVC	FEF10	FEF25-75/FVC	t0
PEF	FEV0.75	FEF25	FET	Lung Age
BEV	FEV0.75/FVC	FEF40	PEFT	Exhale Duration
EOTV	FEV1/FEV6	FEF50	FEF80	Inhale Duration
FEV3	FET25-75			

FVL

FVC	FEV0.25	FEV3/FVC	FEF50/FVC	FEF60
FEV1	FEV0.5	FEV6	FEF25-75	FEF75
FEV1/FVC	FEV0.5/FVC	FEF10	FEF25-75/FVC	t0
PEF	FEV0.75	FEF25	FET	Lung Age
BEV	FEV0.75/FVC	FEF40	PEFT	Exhale Duration
EOTV	FEV1/FEV6	FEF50	FEF80	Inhale Duration
FEV3	FET25-75	FIVC	PIF	

MVV

MVV	MVV6	MVV Time	VT	Rf
-----	------	----------	----	----

SVC

VC	VCex	VCin	IRV	IC
VT	Rf			

LUNG LIBRARIES

Extensive support for Lung Libraries based on Specific Ethnicity

1. GLI

Multi-ethnic reference values for spirometry for the 3-95-yr age range.

2. NHANES3

Recommended for USA origin population for age 8 years and above.

3. ERS

Recommended for European origin population for age 18 years and above.

4. CHHABRA

Recommended for Indian origin population for age 18 years and above.

5. Zapletal 2003

Forced Expiratory Parameters in Healthy Caucasian Preschool Children (3 to 6 Years of Age).

6. Rosenthal

Lung function in white children aged 4to19 years.

7. JRS 2014

Recommended for Japan origin population for age 17 years and above.

8. Gore Crockett

Recommended for Australian Adult population for age 18 years and above.

9. Hibbert

Recommended for Australian Adult population for age 8 to 19 years.

10. Chile Gutierrez

Recommended for Chilean origin population for age 5 years and above.

11. Perez Padilla PLATINO

Recommended for Latin American origin adult population for age 40 years and above.



Tony Dale

ID: 5253

Age: 28 (09/03/1994)

Gender Male
Ethnicity South East Asian
Smoker No

Height 150 cm
Weight 62 kg

Asthma Yes
COPD No

FVL (exhale, inhale)

Your FEV1 Predicted: 61.59%

Test Date	17/11/2022 20:47:50	Interpretation	GLI 2012	Value Selection	Best Value										
Post Time	17/11/2022 20:57:50	Predicted	GLI 2012	BTPS (IN/EX)	1.12/1.02										
Parameter	Pred	LLN	Pre Best	Trial 3	Trial 4	Trial 1	%Pred	Z-Score	Post Best	Trial 2	Trial 3	Trial 1	%Pred	Z-Score	%Change
FVC	5.81	4.68	5.79	5.76	5.77	5.79	99	-0.06	5.92	5.89	5.88	5.91	101	0.05	1
FEV1	4.69	3.71	4.69	4.72	4.67	4.62	100	-0.00	4.87	4.86	4.84	4.78	102	0.18	2
FEV1/FVC	0.792	0.698	0.811	0.811	0.807	0.801	100	-0.04	0.821	0.825	0.819	0.812	101	0.15	1
FEF25-75 _(L/s)	4.58	2.72	4.59	4.61	4.51	4.31	101	-0.03	4.86	4.95	4.75	4.62	107	0.29	6
PEF _(L/s)	-	-	11.58	11.02	11.48	11.59	-	-	11.46	11.09	11.41	11.42	-	-	-2
FET _(s)	-	-	7.2	7.4	7.1	7.8	-	-	7.9	7.7	7.6	7.5	-	-	-1
FIVC _(L)	5.80	4.68	6.01	5.91	6.01	5.97	103	0.24	6.15	6.06	5.98	6.14	105	0.37	2
PIF _(L/s)	-	-	9.89	8.32	9.17	9.89	-	-	10.38	9.86	9.46	10.36	-	-	4

COPD Stage Post COPD Stage I
 Session Score Post A (FEV1 Var=0.02L (0.5%); FVC Var=0.01L (0.2%))
 System Interpretation Post Normal Spirometry

Test Performed by Jack Miles
Referred by Dr. John Murphy



Tony Dale

ID: 5253

Age: 28 (09/03/1994)

Gender **Male**
 Ethnicity **South East Asian**
 Smoker **No**

Height **150 cm**
 Weight **62 kg**

Asthma **Yes**
 COPD **No**

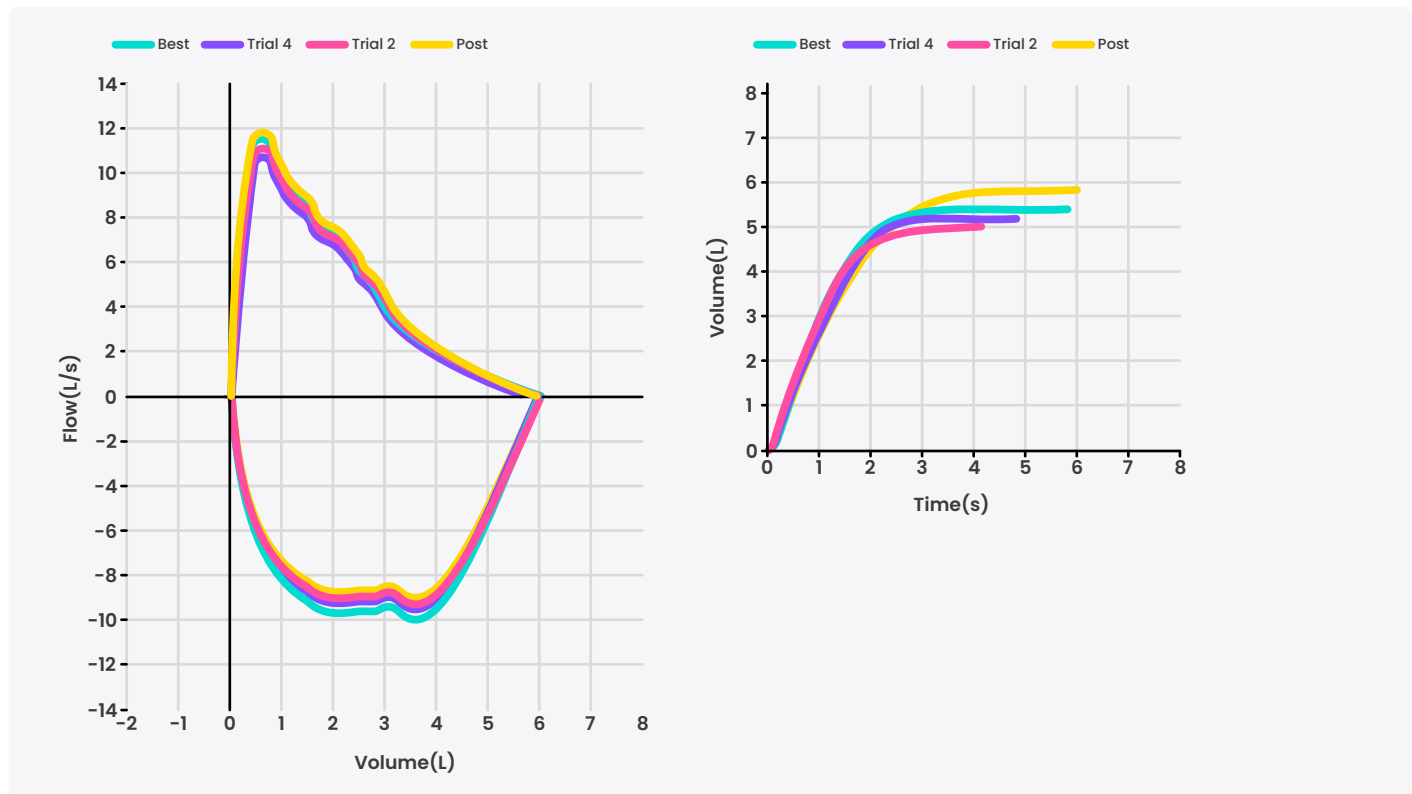
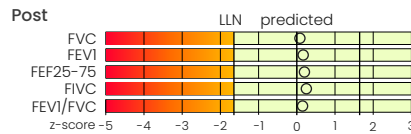
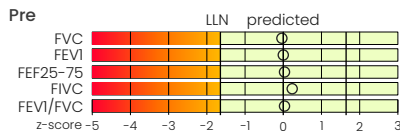
FVL (exhale, inhale)

Your FEV1 Predicted: 61.59%

Test Date	17/11/2022 20:47:50	Interpretation	GLI 2012	Value Selection	Best Value
Post Time	17/11/2022 20:57:50	Predicted	GLI 2012	BTPS (IN/EX)	1.12/1.02

Parameter	Pred	LLN	Pre Best	Trial 3	Trial 4	Trial 1	%Pred	Z-Score	Post Best	Trial 2	Trial 3	Trial 1	%Pred	Z-Score	%Change
FVC	5.81	4.68	5.79	5.76	5.77	5.79	99	-0.06	5.92	5.89	5.88	5.91	101	0.05	1
FEV1	4.69	3.71	4.69	4.72	4.67	4.62	100	-0.00	4.87	4.86	4.84	4.78	102	0.18	2
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FEF25-75 _(L/s)	4.58	2.72	4.59	4.61	4.51	4.31	101	-0.03	4.86	4.95	4.75	4.62	107	0.29	6
PEF _(L/s)	-	-	11.58	11.02	11.48	11.59	-	-	11.46	11.09	11.41	11.42	-	-	-2
FET _(s)	-	-	7.2	7.4	7.1	7.8	-	-	7.9	7.7	7.6	7.5	-	-	-1
FIVC _(L)	5.80	4.68	6.01	5.91	6.01	5.97	103	0.24	6.15	6.06	5.98	6.14	105	0.37	2
PIF _(L/s)	-	-	9.89	8.32	9.17	9.89	-	-	10.38	9.86	9.46	10.36	-	-	4

COPD Stage	Pre	COPD Stage I
	Post	COPD Stage I
Session Score	Pre	A (FEV1 Var=0.02L (0.5%); FVC Var=0.01L (0.2%))
	Post	A (FEV1 Var=0.02L (0.4%); FVC Var=0.03L (0.5%))
System Interpretation	Pre	Normal Spirometry
	Post	Normal Spirometry



Test Performed by Jack Miles
 Referred by Dr. John Murphy

Good patient cooperation. ATS acceptability and repeatability standards for spirometry met.

Tony Dale

ID: 5253

Age: 28 (09/03/1994)

Gender Male
 Ethnicity South East Asian
 Smoker No

Height 150 cm
 Weight 62 kg

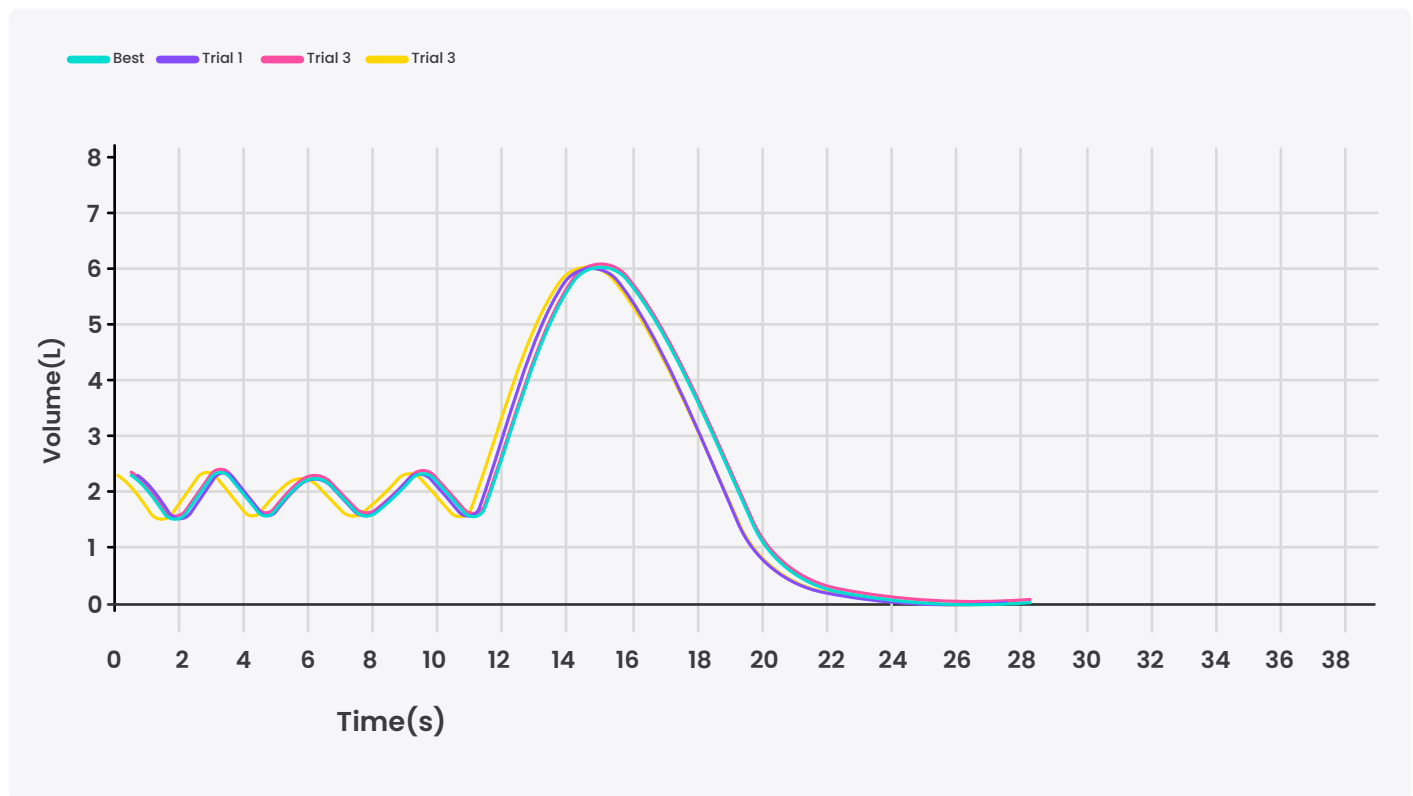
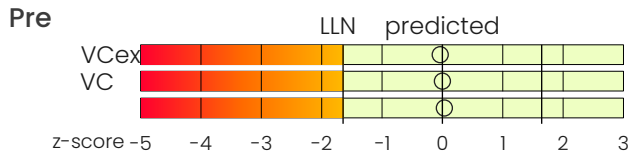
Asthma Yes
 COPD No

SVC

Test Date 17/11/2022 20:47:50 Interpretation GLI 2012 Value Selection Best Value
 Post Time 17/11/2022 20:57:50 Predicted GLI 2012 BTPS (IN/EX) 1.12/1.02

Parameter	Pred	LLN	Pre Best	Trial 1	Trial 3	Trial 5	%Pred	Z-Score
VC (L)	2.00	1.75	2.00	2.00	2.00	2.00	100	0.00
VCex (L)	2.00	1.75	2.00	2.00	2.00	2.00	100	0.00
VCin (L)	2.00	1.75	-	-	-	-	-	-
IRV (L)	-	-	0.75	0.75	0.75	0.75	-	-
IC (L)	-	-	0.50	0.50	0.50	0.50	-	-
VT (L)	-	-	0.50	0.50	0.50	0.50	-	-
Rf (1/min)	-	-	15.0	15.0	15.0	15.0	-	-

Session Quality Pre A (VC Var=0.05L (0.8%))



Test Performed by Jack Miles
 Referred by Dr. John Murphy

Good patient cooperation. ATS acceptability and repeatability standards for spirometry met.

Maximal Voluntary Ventilation

Tony Dale

ID: 5253

Age: 28 (09/03/1994)

Gender Male
 Ethnicity South East Asian
 Smoker No

Height 150 cm
 Weight 62 kg

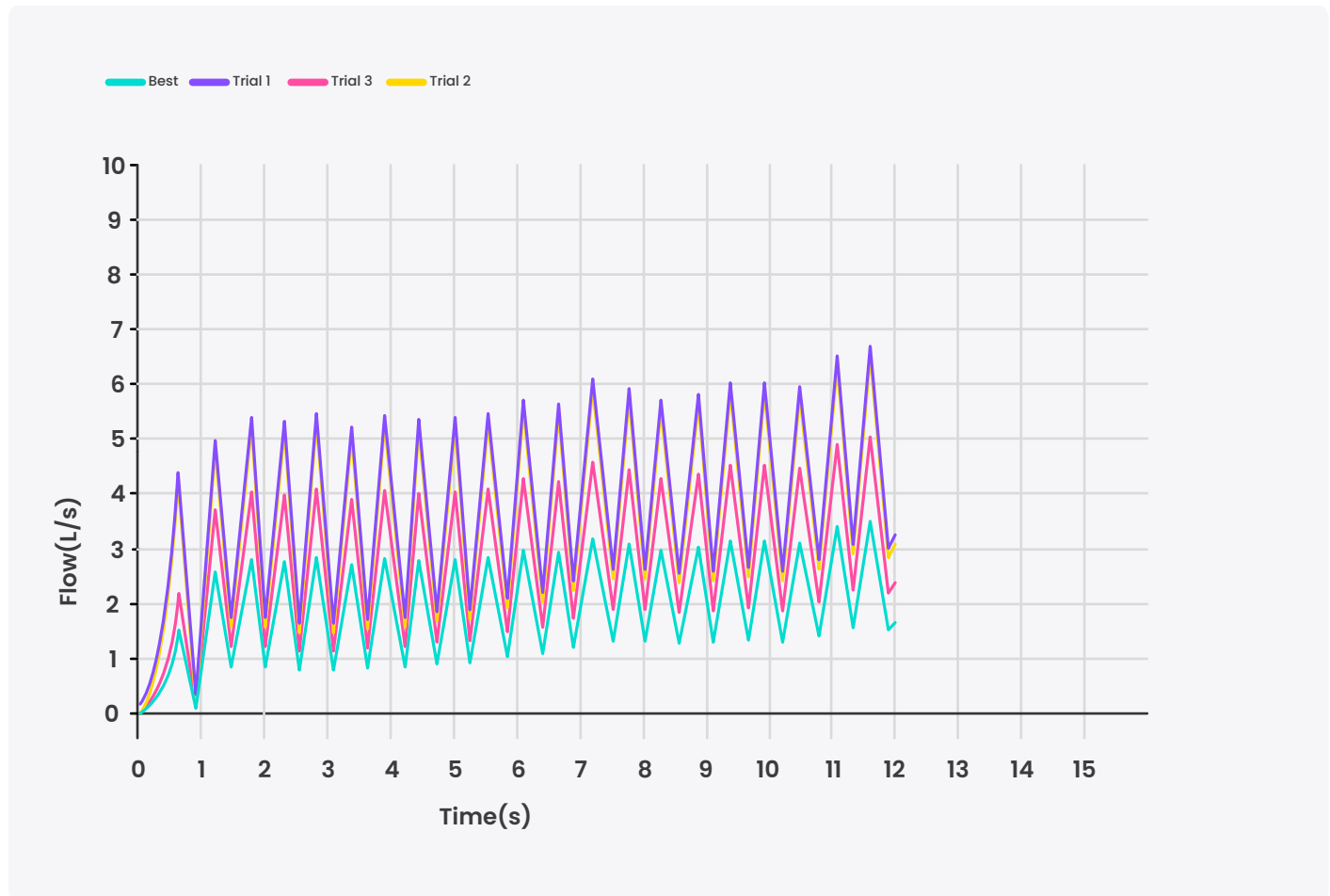
Asthma Yes
 COPD No

MVV

Test Date 17/11/2022 20:47:50 Interpretation GLI 2012 Value Selection Best Value
 Post Time 17/11/2022 20:57:50 Predicted GLI 2012 BTPS (IN/EX) 1.12/1.02

Parameter	Pred	LLN	Pre Best	Trial 1	Trial 3	Trial 2	%Pred	Z-Score
MVV (L/min)	100.0	-	100.0	100.0	100.0	100.0	100	-
MVV6 (L/min)	-	-	100.0	100.0	100.0	100.0	-	-
MVV time (s)	-	-	100	100	100	100	-	-
VT (L)	-	-	1.00	1.00	1.00	1.00	-	-
Rf (l/min)	-	-	100.0	100.0	100.0	100.0	-	-

Session Quality Pre



Test Performed by Jack Miles
 Referred by Dr. John Murphy

Good patient cooperation. ATS acceptability and repeatability standards for spirometry met.

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- ✓ Increased patient satisfaction
- ✓ Provide Best-in-class Patient Care
- ✓ Just-in-time Respiratory testing
- ✓ Innovative Features to help support patient adherence



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