COSMED
The Metabolic Company

Visit Date	
	9/13/2019
Printed On	
	11/14/2019

Name		ID1		Gender	Age	Weight (kg)	Height (cm)
	Ahsan Ali		**047**	**Male**	**55**	**59.00**	**165.0**

Company		D.O.B.		ID2	BMI (kg/m2)	Smoke	Smoking Years	Cig/Day
	--	**1/2/1964**		**--**	**21.7**	**Yes**	**10**	**3**

Occupation		Operator		Physician	
	--		**--**		**--**

Ethnic	Room	Set	
South East Asia	**--**	GLI (Spirometry)	

Interpretation:

The subject has a FEV1/FVC% ratio of 65.5% which is below the normal limits while a FVC value of 3.54 L is normal.

The presence of a MILD OBSTRUCTION is confirmed by a FEV1 value of 2.32 L within the range of 70%÷100% of predicted.

After administration of bronchodilator there is not a significant response.

The relative change in FEV1 and FVC is respectively +10% and -14% compared to baseline, while the absolute change is respectively 0.23 L and -0.51 L.

Test results indicate that OBSTRUCTION IS NOT REVERSIBLE

The value of post FEV1/FVC ratio is 84.0% (> 70%), therefore the GOLD COPD severity is N/A.

** Unconfirmed ** - Automatically generated interpretation

☐ Confirm Report   **Signature:** _____
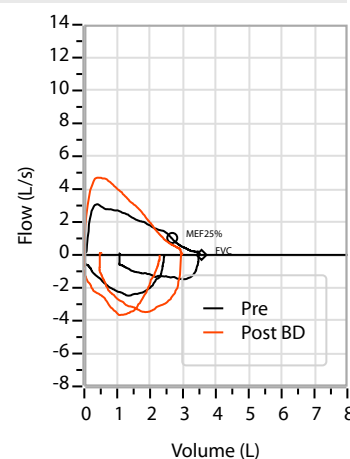
Forced Vital Capacity

@ 5:44 PM (Pre) - 5:47 PM (Post BD)

		PRE					**POST BD (Salbutamol: 400 mcg)**				
		Meas.	Normal Range	Pred	% Pred	z score	Meas.	Change	% Change	% Pred	z score
FVC	L	**3.54**	2.72 - 4.42	3.56	99		**3.03**	-0.51	-14	85	
FEV1	L	**2.32**	2.20 - 3.57	2.90	80		**2.54**	0.23	10	88	
FEV1/FVC%	%	**65.5**	71.1 - 90.4	81.4	80		**84.0**	18.4	28	103	
PEF	L/s	**3.08**	---	-	-	-	**4.70**	1.61	52	-	-
FEF25-75%	L/s	**1.86**	1.58 - 4.47	2.84	65		**2.69**	0.83	45	95	
MEF25%	L/s	**1.04**	0.50 - 2.04	1.03	100		**1.34**	0.31	30	130	
MEF50%	L/s	**2.01**	---	-	-	-	**3.06**	1.05	52	-	-
MEF75%	L/s	**2.71**	---	-	-	-	**4.44**	1.73	64	-	-
FEV6	L	**3.51**	---	-	-	-	**0.00**	-3.51	-100	-	-
FEV1/FEV6%	%	**66.0**	---	-	-	-	**0.0**	-66.0	-100	-	-
MIF/MEF50%	---	**0.6**	---	-	-	-	**1.1**	0.5	73	-	-
FEV1/VCmax%	%	**65.5**	71.1 - 90.4	81.4	80		**84.0**	18.4	28	103	

System QC Pre: A   B   C   **D**   E   F   Barely Passing   Operator QC Pre: A   B   C   D   E   F

System QC Post: A   B   C   **D**   E   F   Barely Passing   Operator QC Post: A   B   C   D   E   F