

Pulmonary Function Analysis

Patient Id	13042019-WARD_J	Visit ID	13042019
Last name	WARD	Smoker	Never Smoked
First name	James	Pack years	
Date of birth	8/11/2004	BMI	20.5
Age	14 years	Gender	male
Height	174.0 cm	Weight	62.0 kg
History		Technician	HA
Physician	Dr J Wilson	Ward	Medical One - Elwood
Insurance			

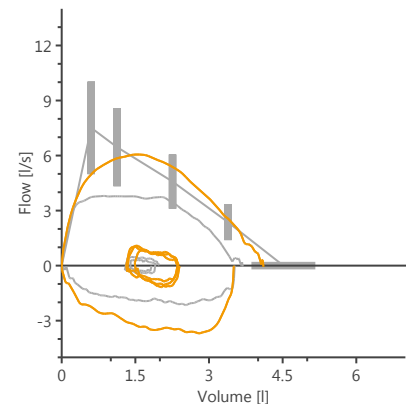
Pre: 13/04/2019 12:06 PM LFX 1.8.1 Medication: Ventolin Ambient: 25.5 °C 796.12 mmHg 50 % 13/04/2019 2:14 PM LFX 1.8.1
 Post: 13/04/2019 12:01 PM LFX 1.8.1 Medication: Ventolin Ambient: 25.3 °C 796.26 mmHg 50 % Ref. module: ECCS93

Spirometry

		Pred	LLN	Pre	Pre % Pred	Z-Score	Post	% Pred	% Change
FEV 1	[L]	3.73	1.57	3.19	86 %	0.3	3.89	104 %	22 %
FVC	[L]	4.51	1.96	3.98	88 %	-0.6	4.11	91 %	3 %
FEV1%FVC	[%]	83.40	74.32	80.12	96 %	2.5	94.81	114 %	18 %
MMEF	[L/s]	4.17	1.48	3.46	83 %	0.7	5.14	123 %	49 %
MEF 50	[L/s]	4.58	1.67	3.69	81 %	0.7	5.65	123 %	53 %
PEF	[L/s]	7.51	2.70	3.80	51 %	-0.6	6.06	81 %	59 %

Diffusion Capacity

DLCO	[ml/min/mmHg]	28.07	11.41	22.79	81 %	-0.9
KCO	[ml/min/mmHg/L]	-	-	5.02	-	
VA	[L]	6.67	6.67	4.54	68 %	



Technician notes

/* Automatic trial quality determination - Single Breath Diffusion - 12:06 PM: Trial1: Score B; Trial2: Score A /*

Patient is a non-smoker and is currently on no respiratory medications. During the pre/post spirometry and DLCO patient stated no struggle, however slight wheezing was observed. Overall fair effort and technique, best results obtained.

Interpretation

/* Automatic Interpretation - Forced Spirometry - 11:51 AM: Spirometry results are within normal limits. /*

/* Automatic Interpretation - Forced Spirometry - 12:01 PM: Spirometry results are within normal limits.
 There is a significant bronchodilator response. Suggestive of Asthma. /*

/* Automatic Interpretation - Single Breath Diffusion - 12:06 PM: - /*