RESPIRATORY FUNCTION TEST- REPORT



Respiratory Investigation Unit RNSH Level 8A ASB Ph (02) 94632811 Fax (02) 94632089



%change

13

9

8

Age:	88 Years	Gender:	male
Age: Race:	Caucasian	Weight:	49.7 kg
Height: Smoking:	162.00 cm	BMI:	19 kg/m²
Smoking:	Ex 30yrs past	Pac yr:	15 year 1 pipe/day

Visit date	18.07.25
Visit time	11:50AM

First Name:	Colin	Last Name:	BROMLEY	Identification:	2362288		
Date of Birth:	23/10/1936	Ref. Physician:	HANSEN, P	HIS Visit ID:	10566819		
Operator:	Claire	send results to:	6D				
Reason:	Pre-cardiac su	Pre-cardiac surextra copy to:					

SPIROMETRY, LUNG VOLUMES AND DLCO. LL(lower limit) & UL(upper limit) of predicted.

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	Pred	Pred LL	Pred UL	Result	%Pred	Z-Score
L	2.14	1.43	2.79	1.32	62	-1.88
L	2.90	2.04	3.77	2.81	97	-0.16
%	74.77	58.63	89.72	47.07	63	-2.73
L/s	6.31	4.32	8.30	5.17	82	-0.95
sec				14.06		
L	2.77	1.85	3.69	2.88	104	0.20
	Pred	Pred LL	Pred UL	Result	% Pred	Z-Score
L	5.86	4.71	7.02			
L	2.77	1.85	3.69			
L	2.10	2.10	2.10			
L	3.49	2.51	4.48			
L	0.66	0.66	0.66			
L	2.83	2.15	3.50			
%	48.28	39.30	57.26			
%	62.28	51.19	73.37			
	Pred	Pred LL	Pred UL	Result	%Pred	Z-Score
		13.00	16.20	9.80	1	-
	18.39	11.47	25.32	5.85	32	-2.98
	18.39	11.47	25.32	7.03	38	-2.70
	3.14	1.80	4.47	1.22	39	-2.36
	3.14	1.80	4.47	1.47	47	-2.05
	5.71	5.71	5.71	4.78	84	
	2.77	1.85	3.69	2.87	104	0.19
	L % L/s sec L L L L L L	L 2.14 L 2.90 % 74.77 L/s 6.31 sec L 2.77 Pred L 5.86 L 2.77 L 2.10 L 3.49 L 0.66 L 2.83 % 48.28 % 62.28 Pred 18.39 18.39 3.14 3.14 5.71	L 2.14 1.43 L 2.90 2.04 % 74.77 58.63 L/s 6.31 4.32 sec L 2.77 1.85 Pred Pred LL L 5.86 4.71 L 2.77 1.85 L 2.10 2.10 L 3.49 2.51 L 0.66 0.66 L 2.83 2.15 % 48.28 39.30 % 62.28 51.19 Pred Pred LL 13.00 18.39 11.47 18.39 11.47 3.14 1.80 3.14 1.80 5.71 5.71	L 2.14 1.43 2.79 L 2.90 2.04 3.77 % 74.77 58.63 89.72 L/s 6.31 4.32 8.30 sec L 2.77 1.85 3.69 Pred Pred LL Pred UL L 5.86 4.71 7.02 L 2.77 1.85 3.69 L 2.10 2.10 2.10 L 3.49 2.51 4.48 L 0.66 0.66 0.66 L 2.83 2.15 3.50 % 48.28 39.30 57.26 % 62.28 51.19 73.37 Pred Pred LL Pred UL 13.00 16.20 18.39 11.47 25.32 18.39 11.47 25.32 3.14 1.80 4.47 3.14 1.80 4.47 5.71 5.71	L 2.14 1.43 2.79 1.32 L 2.90 2.04 3.77 2.81 % 74.77 58.63 89.72 47.07 L/s 6.31 4.32 8.30 5.17 sec 14.06 L 2.77 1.85 3.69 2.88 Pred Pred LL Pred UL Result L 5.86 4.71 7.02 L 2.10 2.10 2.10 L 3.49 2.51 4.48 L 0.66 0.66 0.66 L 2.83 2.15 3.50 % 48.28 39.30 57.26 % 62.28 51.19 73.37 Pred Pred LL Pred UL Result 13.00 16.20 18.39 11.47 25.32 5.85 18.39 11.47 25.32 7.03 3.14 1.80 4.47 1.22 3.14 1.80 4.47 1.22 3.14 1.80 4.47 1.47	L 2.14 1.43 2.79 1.32 62 L 2.90 2.04 3.77 2.81 97 % 74.77 58.63 89.72 47.07 63 L/s 6.31 4.32 8.30 5.17 82 sec 14.06 L 2.77 1.85 3.69 2.88 104 Pred Pred LL Pred UL Result % Pred L 2.77 1.85 3.69 L 2.10 2.10 2.10 L 3.49 2.51 4.48 L 0.66 0.66 0.66 L 2.83 2.15 3.50 % 48.28 39.30 57.26 % 62.28 51.19 73.37 Pred Pred LL Pred UL Result % Pred 13.00 16.20 9.80 18.39 11.47 25.32 7.03 38 3.14 1.80 4.47 1.22 39 3.14 1.80 4.47 1.22 39 3.14 1.80 4.47 1.47 5.71 5.71 5.71 5.71 4.78 84

SCIENTIST'S COMMENT: Ethnicity = Caucasian. Spirometry & Diffusion DLCO in ml/min/mmHg were performed on Vyntus (BOX4) for Colin BROMLEY, technical quality of Spirometry was excellent, (FEV1 grade - A, FVC grade - B) (Post BD FEV1 grade - A, FVC grade - B), (Grade A & B satisfying all (A) or most (B) criteria for acceptability and reproducibility). Quality of DLCO was excellent, satisfying ERS/ATS criteria for reproducibility and acceptability. DLCO corrected using Hb 98g/L from 18/07/2025. Ventolin 400 ug given by spacer before post dilator Spirometry. Last respiratory medications (Ventolin) taken >24hrs prior to testing.

% Pred Z-Score

-1.27

0.35

-2.28

-0.51

0.01

75

106

70

90

100

Post BD

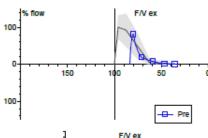
1.60

3.08

51.97 5.70

16.13 2.77

DLCOc and KCOc are values corrected for Hb



PHYSICIANS INTERPRETATION:

Clinical details: TAVI

There is mild airflow obstruction with a significant response to bronchodilator (based on 10% of predicted increase in either FEV1 or FVC). Diffusing capacity is severely reduced.



Dr Greg King FRACP

Medical Director, Respiratory Investigation Unit.

(Physician 24.07.2025 02:20PM, Scientist RIU / Final: 24.07.2025 02:20PM, Scientist RIU)