

RESPIRATORY FUNCTION TEST- REPORT



Health
Northern Sydney
Local Health District

Respiratory Investigation Unit
RNSH Level 8A ASB
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Age: 88 Years Gender: male
Race: Caucasian Weight: 49.7 kg
Height: 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

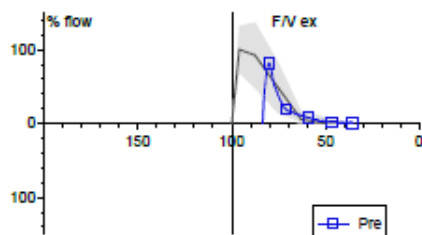
First Name: Colin Last Name: BROMLEY Identification: 2362288
Date of Birth: 23/10/1936 Ref. Physician: HANSEN, P HIS Visit ID: 10566819
Operator: Claire send results to: 6D
Reason: Pre-cardiac sur...extra copy to:

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

		Pred	Pred LL	Pred UL	Result	%Pred	Z-Score	Post BD	% Pred	Z-Score	%change
FEV 1	L	2.14	1.43	2.79	1.32	62	-1.88	1.60	75	-1.27	13
FVC	L	2.90	2.04	3.77	2.81	97	-0.16	3.08	106	0.35	9
FEV 1 % FVC	%	74.77	58.63	89.72	47.07	63	-2.73	51.97	70	-2.28	7
PEF	L/s	6.31	4.32	8.30	5.17	82	-0.95	5.70	90	-0.51	8
FET	sec				14.06			16.13			
VC IN	L	2.77	1.85	3.69	2.88	104	0.20	2.77	100	0.01	-4
		Pred	Pred LL	Pred UL	Result	% Pred	Z-Score				
TLC	L	5.86	4.71	7.02							
VC	L	2.77	1.85	3.69							
IC	L	2.10	2.10	2.10							
FRCpleth	L	3.49	2.51	4.48							
ERV	L	0.66	0.66	0.66							
RV	L	2.83	2.15	3.50							
RV % TLC	%	48.28	39.30	57.26							
FRCpl % TLC	%	62.28	51.19	73.37							
		Pred	Pred LL	Pred UL	Result	%Pred	Z-Score				
Hb			13.00	16.20	9.80						
DLCO_SB		18.39	11.47	25.32	5.85	32	-2.98				
DLCOcSB		18.39	11.47	25.32	7.03	38	-2.70				
KCO_SB		3.14	1.80	4.47	1.22	39	-2.36				
KCOc_SB		3.14	1.80	4.47	1.47	47	-2.05				
VA_SB		5.71	5.71	5.71	4.78	84					
VIN_SB		2.77	1.85	3.69	2.87	104	0.19				

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.

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)