

Royal North Shore Hospital

Department of Cardiology

Level 4 Acute Services Building Pacific Highway, St Leonards NSW 2065 Phone: 61 2 9463 2500 | Fax: 61 2 9463 2050



Cardiac Catheterisation Report

Patient NameEDWARDS FrederickProcedure Date11/06/2025 10:24MRN2354436Accession #RNS-CATH-25-858

 Medicare #
 21586540111
 Height
 175 cm

 Date of Birth
 22/12/1937 - 87yrs - Male
 Weight
 60 kg

 Address
 29 Deacon DrWARREN,
 BSA
 1.7 m²

2824, NSW

Phone Number 0268473650 **BMI** 19.6 kg/m²

Performing Physician Professor Ravinay Bhindi Referring Physician Patient has no GP on

Fellow Dr Karan Rao eMR

Referring Physician Dr Karan Rao

Reason for Admission

Mitra Clip Work up

Clinical History

Severe MR / TR Dilated LV SOBOE

Angiographic / PCI Findings - Dominance: Right

LMCA: Mild disease.

LAD: Occluded mid LAD, supplied via patent LIMA. **LCx:** Moderate disease in the proximal ungrafted LCx.

RCA: Severe mid-vessel lesion 80%. The distal RCA is also severely diseased. There are retrograde collaterals

from the left system.

Grafts

There is a LIMA graft that originates at the LIMA and attaches to the Mid LAD. Widely patent.

There is a Vein graft that originates at the Aorta Right and attaches to the R PDA.Likely occluded.

Ventriculography Findings

RA 8/10 (9) RV 38/11 (11) PA 40/19 (30) PCW 16/21 (19) TPG 11 PVR 3.22

CO Average 3.41

Entry Locations

Retrograde Access: Left Radial artery. A 6 Fr sheath was inserted.TR Band (Terumo).The puncture site was successfully closed.

Conclusions

Raised pulmonary pressures (mean 30mmHg), elevated wedge (PCWP 19mmHg) with borderline raised PVR (3.2). Mixed pre and post capillary pulmonary hypertension, although predominantly post-capillary. Native significant RCA and LAD disease, patent LIMA and occluded SVG to R-PDA.

Recommendations

Continue MitraClip workup.

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Hemodynamics

Condition: Rest

O2 Consumption: Estimated: 204.38 **Heart Rate:** 88 bpm

Pressures (mmHg)

Site	Pressure
PCW	16/21 (19)
PA	40/19 (30)
RV	38/11 ,11
RA	8/10 (9)
AO	88/53 (81)

Cardiac Output

Time	Cardiac Output (I/min)	Use
11/06/2025 10:39	3.72	True
11/06/2025 10:40	3.49	True
11/06/2025 10:40	3.02	True

Cardiac Output

Method	CO (I/min)	CO (I/min/m2)	SV (ml)	
Thermal	3.41	2	53.01	

<u>Shunts</u>

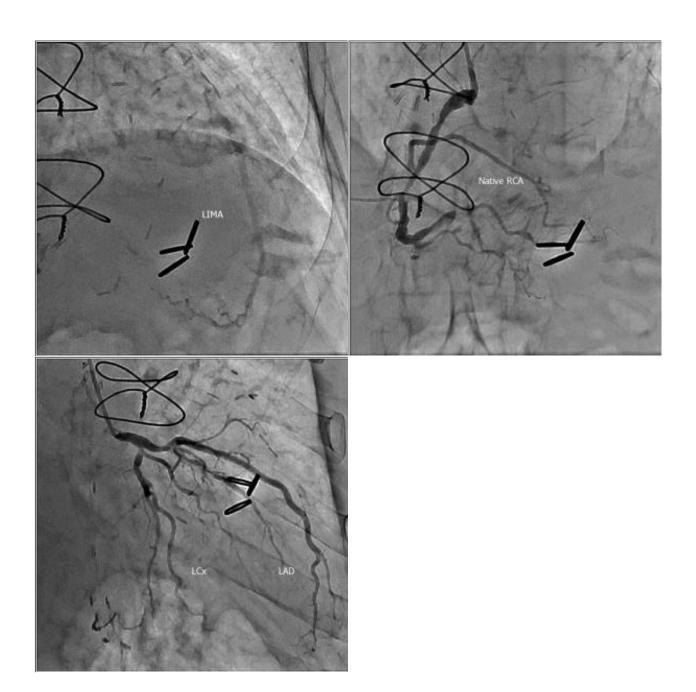
Oxygen Values

O2 Consumption 204.38

Vascular Resistance

CO method	TSVR	SVR	TPVR	PVR	TPVR/TSVR	PVR/SVR
Thermal	23.62	20.98	8.72	3.14	0.37	0.15

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