



Royal North Shore Hospital

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Health
Northern Sydney
Local Health District

Cardiac Catheterisation Report

| | | | |
|-----------------------------|----------------------------------|----------------------------|-----------------------------|
| Patient Name | EDWARDS Frederick | Procedure Date | 11/06/2025 10:24 |
| MRN | 2354436 | Accession # | RNS-CATH-25-858 |
| Medicare # | 21586540111 | Height | 175 cm |
| Date of Birth | 22/12/1937 - 87yrs - Male | Weight | 60 kg |
| Address | 29 Deacon DrWARREN, 2824, NSW | BSA | 1.7 m ² |
| Phone Number | 0268473650 | BMI | 19.6 kg/m ² |
| Performing Physician | Professor Ravinay Bhindi | Referring Physician | Patient has no GP on eMR |
| Fellow | Dr Karan Rao | 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.

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 (l/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 (l/min) | CO (l/min/m2) | SV (ml) |
|---------|------------|---------------|---------|
| Thermal | 3.41 | 2 | 53.01 |

Shunts**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 |

