Central Coast Health
PO Box 361, Gosford, 2250

Gosford: 02 4320 3182
Wyong: 02 4394 7518

Transthoracic Echocardiography

Name: SMITH, MR Peter Clark
MRN: 44-65-30
DOB: 07/01/1951 74 yrs Male

Study Date: 17/02/2025 11:26 AM
Patient Location: Wyong
Ward: 2D
Rhythm: Atrial Fibrillation 84-140bpm
Images: Suboptimal/Poor

Consent:Verbal consent obtained.
Referring Physician: Dr Tony Kull
Reason For Study: ?Heart failure

BSA: 1.9 m^2

MMode/2D Measurements & Calculations

IVSd: 0.71 cm **LVIDd:** 5.2 cm **Ao root diam:** 2.9 cm **LVOT diam:** 1.8 cm
LVIDs: 4.2 cm **LA dimension:** 3.3 cm
LVPWd: 0.63 cm

Doppler Measurements & Calculations

Ao max PG: 38.0 mmHg
Ao mean PG: 24.6 mmHg
AVA(I,A): 0.66 cm^2

Left Ventricle
The left ventricular function appears moderately reduced. Difficult to assess due to rate/rhythm and poor images.
Right Ventricle
The right ventricle is normal in size and function.
Atria
Normal sized atria.
Aortic Valve
Thickened, calcified, restricted leaflets.
Mitral Valve
Mild mitral annular calcification.
Tricuspid Valve
The tricuspid valve is normal.
Pulmonary Valve
The pulmonary valve is normal in structure and function.
Great Vessels
The aortic root is normal size. Normal ascending portions of the thoracic aorta.
Pericardium/Pleural
Trivial pericardial effusion.

Interpretation Summary

The study was technically difficult. The left ventricle is normal in size.

Moderate impairment of LV systolic function. DSI: 0.3.
AV gradients are moderate, though appear severe, with tight AVAi.
Suggestive of low flow/ low gradient aortic stenosis.

Reading Physician:

Dr John Mooney

Performed By: Danielle Kay

Copies To: Coastal Lakes Medical.