CORELAB SOFTWARE

Street Address Here
Singapore, 2222

urwebsitename.com
urname@email.com

+000 12345 6789
+000 12345 6789

Mr. xxw yy

Age / Sex : 44 Years 0 Months 0 Days / Male

Reg. No : 275

Registered on : 05/03/2026 5:36 PM

Referred By : Dr. manoj

2-D-M-MODE FINDINGS--

	OBSERVED	NORMAL VALUES
MITRAL VALVE	123	
Anterios Leaflet	Normal	
E-F Slope	mm	70 -170 mm/sec
Opening Amplitude	mm	> 2.0 mm/sec
Posterior Leaflet	Normal	
EPSS	mm	< 0.8 mm
Mistral valve Prolapsed	Nil	
Vegetation	Nil	
TRICUSPID VALVE	Normal	
PULMONARY VALUE	Normal	
EF-Slope	-	61 - 15 mm/sec
`a` Wave	Normal	
Mild systolic notch	Absent	
Flutter	Absent	
AORITC VALVE :	Normal	
Cuspal Opening	mm	1.5 - 2.6 mm
Closure line	Central	
Eccentricity Index	-	
DIMENSIONS :		
LVD (Diastolic)	mm	35 - 56 mm
LVD (Systolic)	mm	24 - 42 mm
RVD (Diastolic)	mm	7 - 23 mm
RVD (Systolic)	mm	
IVST (Diastolic)	mm	06 - 11 mm
IVST (Systolic)	mm	
LVPW (Diastolic)	mm	06 - 11 mm

Mr. xxw yy

Age / Sex : 44 Years 0 Months 0 Days / Male

Reg. No : 275

Registered on : 05/03/2026 5:36 PM

Referred By : Dr. manoj

	OBSERVED	NORMAL VALUES
LVPW (Systolic)	mm	
Aortic Root	mm	22 - 37 mm
Left Atrium	mm	19 - 40 mm
PERICARDIUM:	Normal	

LV FUNCTION (Systolic)

PARAMETER	PATIENT VALUE	NORMAL VALUES
LVEF	60%	62% - 85%
LVFS	30%	28% - 42%

LV FUNCTION (Diastolic)

PARAMETER	PATIENT VALUE	NORMAL VALUES
E Velocity		0.85 ± 0.16m/sec
A Velocity		0.56 ± 0.13m/sec
IRT		70 - 100 ± 0.0m/sec
DT		160 - 240 ± 0.0m/sec
E/A Ratio		1.6

SYSTOLIC LV FUNCTION -

Normal LV systolic function (EF-60%)

DIASTOLIC LV FUNCTION -

CORELAB SOFTWARE
Street Address Here
Singapore, 2222
urwebsitename.com
urname@email.com
+000 12345 6789
+000 12345 6789

Mr. xxw yy

Age / Sex : 44 Years 0 Months 0 Days / Male

Reg. No : 275

Registered on : 05/03/2026 5:36 PM

Referred By : Dr. manoj

DISCUSSION : M-MODE/2D
Situs solitus
1. Four chambered heart
2. Normal great vessel relationship
3. Normal LV systolic function
4. Left ventricular hypertrophy
5. No LV/LA clot/vegetation seen
6. All valves are Normal TV, AV, PV
7. No pericardial effusion present

DOPPLER & COLOR DOPPLER PARAMETERS (VALVES)

VALVE	REGURG GRADE	VELOCITY PEAK	VELOCITY MEAN	GRADIENT PEAK	GRADIENT MEAN	AREA
MV						
AV	Nil					
PV	Nil					
TV	Nil					

PA. PRESSURE- (SYSTOLIC)	
PA. PRESSURE- (DIASTOLIC)	

NOTE:

1. Minimal(Whiff) or upto Grade - 1 PR and TR can be consider normal Doppler finding.
2. Minimal(Whiff) or upto Grade - 1 AR and MR if reported should be interpreted with clinical settings.
3. For MV and TV normal diastolic Velocity on Doppler are less than 1 m/sec.
4. For AV and PV normal systolic velocity on Doppler are less tan 1 m/sec
5. Normal PA systolic pressure is less than 30 mm of Hg.

DOPPLER & COLOR DOPPLER PARAMETERS (SHUNT)

SHUNT	PEAK VELOCITY	GRADIENT	QP/QS
IAS			

Mr. xxw yy

Age / Sex : 44 Years 0 Months 0 Days / Male

Reg. No : 275

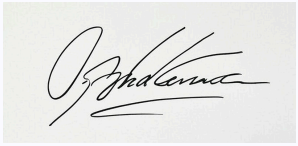
Registered on : 05/03/2026 5:36 PM

Referred By : Dr. manoj

SHUNT	PEAK VELOCITY	GRADIENT	QP/QS
IVS			
PDA			

COLOR DOPPLER
1. MV Mild MR
2. TV Normal flow
3. AV Normal flow
4. PV Normal flow
5. PAP Normal

CONCLUSION
LEFT VENTRICULAR HYPERTROPHY
MILD MR
NORMAL LV SYSTOLIC FUNCTION (EF=60%)
ABNORMAL RELAXATION



usg signed

signature text