



Sri Balaji

**Action Medical Institute**

A-4, Paschim Vihar, New Delhi-110063



## Cardiology

<b>UHID / IP NO</b>	██████████	<b>RISNo./Status/SRF ID :</b>	██████████ Final
<b>Patient Name :</b>	Mrs. ██████████	<b>Age/Gender :</b>	██████████
<b>Referred By :</b>	Cardio AS	<b>Ward/Bed No :</b>	OPD
<b>Bill Date/No :</b>	15/03/2025 12:24PM/ ██████████	<b>Scan Date :</b>	15/03/2025 12:30PM
<b>Report Date :</b>	15/03/2025 1:28PM	<b>Company Name:</b>	DEPENDENT-C (STAFF)

### ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT

#### OBSERVATIONS BY M-MODE & 2D ECHOCARDIOGRAPHY

		Ed	es
Right Ventricular Diameter (cm)	:	N	N
IVS thickness (cm)	:	0.8	1.5
Left Ventricular Dimension (cm)	:	3.8	2.8
Left Ventricular Posterior Wall thickness (cm)	:	1.1	1.3
Aortic Root Diameter (cm)	:	2.8	
Left Atrial Dimension (cm)	:	2.9	
Left Ventricular Ejection Fraction	:	20-25%	
 MITRAL VALVE	:	No thickening or doming No calcification, No MS, No MVP	
 AORTIC VALVE	:	Tricuspid, Normal	
 TRICUSPID VALVE	:	Normal	
 PULMONARY VALVE	:	Normal	
 CARDIAC CHAMBERS	:	Normal	
 PERICARDIUM	:	No pericardial effusion or Thickening	
 2 D STUDY OF WALL MOTION			
 RIGHT VENTRICLE	:	Normal	
 LEFT VENTRICLE	:	Global LV hypokinesia	



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### **DOPPLER STUDY**

#### **CONTINUOUS AND PULSE WAVE DOPPLER**

VALVE	Peak Value (m/sec)	Maximum P.G. (mmHg)	Mean P. G. (mmHg)	Regurgitation
MITRAL	E=0.69 A=0.81	-	-	Mild
AORTIC	1.16	-	-	Nil
TRICUSPID	-	-	-	Trace
PULMONARY	N	N	N	Nil

#### **COLOR FLOW MAPPING**

Mild MR, Trace TR with RVSP=16mmHg + RAP  
No intracardiac shunt.

#### **SUMMARY & COMMENTS**

Normal sized RA/RV/LV/LA with no chamber hypertrophy.  
Global LV hypokinesia with LVEF = 20-25%  
Grade I LV diastolic dysfunction  
No AS/AR  
Mild MR, Trace TR with RVSP=16mmHg + RAP  
IVC- Normal  
No valvular stenosis or intracardiac shunt.  
No clot, vegetation, thrombus or intracardiac mass.  
No pericardial pathology.



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### FINAL IMPRESSION

GLOBAL LV HYPOKINESIA WITH LVEF = 20-25%

GRADE I LV DIASTOLIC DYSFUNCTION

NO AS/AR

MILD MR, TRACE TR WITH RVSP=16mmHg + RAP

IVC- NORMAL

NO IC CLOT/ VEGETATION/ PERICARDIAL EFFUSION

Please correlate clinically.

Dr. ██████████

SENIOR RESIDENT (CARDIOLOGY)

---End of Report---

Dr. ██████████

MD, DM, FACC

Director Interventional

Cardiologist

Steno: ██████████