

Patient Name	: Ms.BIND BASINI	Visit No	: CHA250042913
Age/Gender	: 69 Y/F	Registration ON	: 10/Mar/2025 11:47AM
<b>Lab No</b>	<b>: 10140208</b>	Sample Collected ON	: 10/Mar/2025 11:47AM
Referred By	: Dr.SAMIR GUPTA	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 10/Mar/2025 05:27PM

**2D- ECHO & COLOR DOPPLER REPORT**

1. **MITRAL VALVE STUDY** : MVOA - Normal (perimetry) cm2 (PHT)

**Anterior Mitral Leaflet:**

- (a) Motion: Normal (b) Thickness : Normal (c) DE : 1.6 cm.  
(d) EF : 81mm/sec (e) EPSS : 06 mm (f) Vegetation : -  
(g) Calcium : -

**Posterior mitral leaflet : Normal**

- (a). Motion : Normal (b) Calcium: - (c) Vegetation : -  
Valve Score : Mobility /4 Thickness /4 SVA /4  
Calcium /4 Total /16

2. **AORTIC VALVE STUDY**

- (a) Aortic root : 3.0cms (b) Aortic Opening : 1.6cms (c) Closure: Central  
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -  
(g) Valve Structure : Tricuspid, Normal

3. **PULMONARY VALVE STUDY**

- (a) EF Slope : - (b) A Wave : + (c) MSN : -  
(D) Thickness : (e) Others :

4. **TRICUSPID VALVE :** Normal

5. **SEPTAL AORTIC CONTINUITY** 6. **AORTIC MITRAL CONTINUITY**

- Left Atrium : 2.8 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**  
**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 0.9 cm (s) 1.5 cm

**Motion** : normal

**LVPW (D)** 0.9cm (s) 1.4cm

**Motion** : Normal

**LVID (D)** 3.7 cm (s) 2.4 cm

**Ejection Fraction** : 62%

**Fractional Shortening** : 33 %

TOMOGRAPHIC VIEWS

**Parasternal Long axis view** :

NORMAL LV RV DIMENSION  
GOOD LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

**PV - NORMAL**

AOV - NORMAL

TV - NORMAL

MV - NORMAL

**Mitral valve level** :

**Papillary Muscle Level** :

NO RWMA

**Apical 4 chamber View** :

No LV CLOT



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**PERICARDIUM**

Normal

**DOPPLER STUDIES**

	Velocity (m/sec)	Flow pattern ( /4)	Regurgitation	Gradient (mm Hg)	Valve area (cm <sup>2</sup> )
MITRAL	e = 0.8 a = 1.2	a > e	-	-	-
AORTIC	1.6	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.8	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

**NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE**

**CONCLUSIONS :**

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 62 %
- NO RWMA
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

CHARAK

**DR. RAJIV RASTOGI, MD,DM**



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**SKIAGRAM CHEST PA VIEW**

- Both lung fields are clear.
- Bilateral hilar shadows are normal.
- Cardiac shadow is within normal limits.
- Both CP angles are clear.
- Soft tissue and body cage are seen normally.
- Both domes of diaphragm are sharply defined.

**OPINION**

- **NO ACTIVE LUNG PARENCHYMAL LESION IS DISCERNIBLE.**

**Clinical correlation is necessary.**

**[DR. RAJESH KUMAR SHARMA, MD]**

*Transcribed by Gausiya*

\*\*\* End Of Report \*\*\*

**CHARAK**

