

Patient Name : Ms.SUNITA DEVI	Visit No : CHA250043869
Age/Gender : 43 Y/F	Registration ON : 11/Mar/2025 01:11PM
<b>Lab No : 10141164</b>	Sample Collected ON : 11/Mar/2025 01:13PM
Referred By : Dr.RAJIV RASTOGI	Sample Received ON : 11/Mar/2025 01:17PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 11/Mar/2025 02:00PM
Doctor Advice : 2D ECHO,NA+K+,CREATININE,GBP,HB	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HAEMOGLOBIN</b>				
Hb	9.8	g/dl	12 - 15	Non Cyanide

**Comment:**

Hemoglobin screening helps to diagnose conditions that affect RBCs such as anemia or polycythemia.

**GENERAL BLOOD PICTURE (GBP)**

Peripheral Blood Picture :

Red blood cells are microcytic hypochromic with mild anisocytosis. WBCs show neutrophila. Platelets are adequate. No parasite seen.

**NA+K+**

SODIUM Serum	138.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.2	MEq/L	3.5 - 5.5	ISE Direct

**SERUM CREATININE**

CREATININE	0.60	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
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\*\*\* End Of Report \*\*\*

CHARAK



[Checked By]

MC-2491

Print.Date/Time: 11-03-2025 16:57:43

\*Patient Identity Has Not Been Verified. Not For Medicolegal



DR. NISHANT SHARMA  
PATHOLOGIST

DR. SHADAB  
PATHOLOGIST

DR. ADITI D AGARWAL  
PATHOLOGIST

*Signature*

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### 2D- ECHO & COLOR DOPPLER REPORT

1. **MITRAL VALVE STUDY** : MVOA - Normal (perimetry) cm<sup>2</sup> (PHT)

**Anterior Mitral Leaflet:**

- (a) **Motion:** Normal                      (b) **Thickness :** Normal                      (c) **DE : 1.9 cm.**
- (d) **EF : 68 mm/sec**                      (e) **EPSS : 122 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 : 1.8cms**                      (c) **Closure: Central**
- (d) **Calcium : -**                      (e) **Eccentricity Index : 1**                      (f) **Vegetation : -**

(g) **Valve Structure :** Tricuspid,

3. **PULMONARY VALVE STUDY** Normal

- (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 : 3.2 cms**

**Clot : -**

**Others :**

**Right Atrium : Normal**

**Clot : -**

**Others : -**

**Contd.....**



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VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**

**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 0.7 cm (s) 1.1 cm

**Motion** : normal

**LVPW (D)** 0.8cm (s) 1.1 cm

**Motion** : Normal

**LVID (D)** 5.9 cm (s)4.4 cm

**Ejection Fraction** :48%

**Fractional Shortening** : 24%

*TOMOGRAPHIC VIEWS*

**Parasternal Long axis view** :

DILATED LV

MILDLY DEPRESSED LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

AOV - NORMAL

**PV - NORMAL**

TV - NORMAL

MV - NORMAL

**Mitral valve level** :

**MILD GLOBAL HYPOKINESIA OF LV**

**Papillary Muscle Level** :

**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 2)
MITRAL	e = 0.9 a = 0.7	Normal	1	-	-
AORTIC	1.5	Normal	-	-	-
TRICUSPID	0.5	Normal	-	-	-
PULMONARY	0.8	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

**GR I/IV MR**

**CONCLUSIONS :**

- **DILATED LV**
- **MILDLY DEPRESSED LV SYSTOLIC FUNCTION**
- **LVEF = 48 %**
- **MILD GLOBAL HYPOKINESIA OF LV**
- **MILD MR**
- **NO CLOT / VEGETATION**
- **NO PERICARDIAL EFFUSION**

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

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

