

Patient Name : Ms.CHANDRA KALA
Age/Gender : 78 Y/F
Lab No : 10135425
Referred By : Dr.RDSO LUCKNOW
Refer Lab/Hosp : RDSO LUCKNOW
Doctor Advice : 2D ECHO,HBA1C (EDTA)

Visit No : CHA250038130
Registration ON : 03/Mar/2025 12: 25PM
Sample Collected ON : 03/Mar/2025 12: 30PM
Sample Received ON : 03/Mar/2025 02: 03PM
Report Generated ON : 03/Mar/2025 02: 38PM



Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C				
Glycosylated Hemoglobin (HbA1c)	5.9	%	4 - 5.7	HPLC (EDTA)

NOTE:-

Glycosylated Hemoglobin Test (HbA1c) is performed in this laboratory by the Gold Standard Reference method, ie: HPLC Technology (High performance Liquid Chromatography D10) from Bio-Rad Laboratories. USA.

EXPECTED (RESULT) RANGE :

Bio system	Degree of normal
4.0 - 5.7 %	Normal Value (OR) Non Diabetic
5.8 - 6.4 %	Pre Diabetic Stage
> 6.5 %	Diabetic (or) Diabetic stage
6.5 - 7.0 %	Well Controlled Diabet
7.1 - 8.0 %	Unsatisfactory Control
> 8.0 %	Poor Control and needs treatment

*** End Of Report ***

CHARAK

[Checked By]

Print.Date/Time: 03-03-2025 16:25:07

*Patient Identity Has Not Been Verified. Not For Medicolegal



Sharma

DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADAB
PATHOLOGIST

Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)

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Referred By : Dr.RDSO LUCKNOW Sample Received ON :
Refer Lab/Hosp : RDSO LUCKNOW Report Generated ON : 03/Mar/2025 03:53PM

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** : 1.5 cm.

(d) **EF** : 86mm/sec (e) **EPSS** : 12 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** : 3.3cms (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 : 3.3cms **Clot** : - **Others** :
Right Atrium : Normal **Clot** : - **Others** : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)

RVOT

LEFT VENTRICLE :

LVIVS (D) 0.8 cm (s) 1.4 cm

Motion : normal

LVPW (D) 0.8cm (s) 1.4 cm

Motion : Normal

LVID (D) 4.8 cm (s) 3.4 cm

Ejection Fraction :55%

Fractional Shortening : 28%

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV,RV DIMENSIONS
FAIR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

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 2)
MITRAL	e = 1.6 a = -	Normal	1	-	-
AORTIC	1.7	Normal	1	-	-
TRICUSPID	0.4	Normal	1	-	-
PULMONARY	1.0	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV MR
GR I/IV AR
GR I/IV TR

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- FAIR LV SYSTOLIC FUNCTION
- LVEF = 55 %
- NO RWMA
- MILD MR
- MILD AR
- MILD TR
- MILD PAH (PASP =45 mmHg)
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. RAJIV RASTOGI, MD,DM



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