

Patient Name : Mr. BISHAMBHAR VARMA Visit No : CHA250044685
Age/Gender : 63 Y/M Registration ON : 12/Mar/2025 02:23PM
Lab No : 10141980 Sample Collected ON : 12/Mar/2025 02:23PM
Referred By : Dr. ESIC HOSPITAL LUCKNOW Sample Received ON :
Refer Lab/Hosp : ESIC HOSPITAL LUCKNOW Report Generated ON : 12/Mar/2025 04:00PM

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 : 1.4cm.
(d) EF : 60 mm/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,

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 : 2.5cms 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) 1.4cm

Motion : normal

LVPW (D) 0.9cm (s) 1.5 cm

Motion : Normal

LVID (D) 4.3 cm (s) 2.8 cm

Ejection Fraction :63%

Fractional Shortening : 34 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION
GOOD 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

CHARAK



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	e = 0.7 a = 0.7	Normal	-	-	-
AORTIC	1.3	Normal	-	-	-
TRICUSPID	0.3	Normal	-	-	-
PULMONARY	0.7	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 63%
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. RAJIV RASTOGI, MD,DM



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CECT STUDY OF NECK

CT study was performed after intra-venous injection of 60ml of non-ionic contrast medium.

- A mildly enhancing soft tissue space occupying lesion is seen in right cheek in lower part involving lower alveolus and obliterating lower gingivo-buccal sulcus. Alveolus around 1st and 2nd molar teeth is involved. The lesion is infiltrating right masseter muscle and pterygoid muscles are not involved. Bony erosion of lower alveolus is seen. This space occupying lesion measures 27 x 24 x 20mm in size.
- The nasopharynx is seen normally. No obvious mass lesion is seen. No mass lesion is seen in the parapharyngeal region.
- Bilateral submandibular and parotid glands are seen normally.
- The aryepiglottic folds and epiglottis are seen normally.
- The valleculae and pyriform sinuses are seen normally.
- The laryngeal airway and cartilages are seen normally.
- Few upper cervical lymphnodes are seen in right submandibular region (SAD < 10mm).
- The great vessels of neck are seen normally with maintained fascial planes.
- Cervical vertebral bodies show osteophytes. No evidence of any lytic or sclerotic area is seen.
- No abnormal paraspinal soft tissue shadow is seen.
- Thyroid gland is normal in size and density.

IMPRESSION:

- MILDLY ENHANCING SOFT TISSUE SPACE OCCUPYING LESION IN RIGHT CHEEK IN LOWER PART INVOLVING LOWER ALVEOLUS WITH BONY EROSION AS DESCRIBED -- MALIGNANT GROWTH.

Clinical correlation is necessary.

[DR. RAJESH KUMAR SHARMA, MD]

Transcribed by Gausiya



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*** End Of Report ***

