

Patient Name	: Mr. KAMLESH KUMAR MISHRA	Visit No	: CHA250046923
Age/Gender	: 65 Y O M O D /M	Registration ON	: 17/Mar/2025 11:31AM
<b>Lab No</b>	<b>: 10144218</b>	Sample Collected ON	: 17/Mar/2025 11:31AM
Referred By	: Dr.KGMU	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 17/Mar/2025 12:33PM

**ECG -REPORT**

RATE : 75 bpm

\* RHYTHM : Normal

\* P wave : Normal

\* PR interval : Normal

\* QRS Axis : Normal

Duration : Normal

Configuration : Normal

\* ST-T Changes : None

\* QT interval :

\* QTc interval : Sec.

\* Other :

**OPINION: ECG WITH IN NORMAL LIMITS**  
(FINDING TO BE CORRELATED CLINICALLY)

[DR. PANKAJ RASTOGI, MD, DM]

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**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 : 2.0 cm.  
(d) EF :105 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 :3.4cms (b) Aortic Opening :1.9cms (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 : 3.7 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) 1.4cm

**Motion** : normal

**LVPW (D)** 1.1cm (s) 1.7 cm

**Motion** : Normal

**LVID (D)** 5.2 cm (s) 3.0 cm

**Ejection Fraction** : **71%**

**Fractional Shortening** : **41 %**

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** :

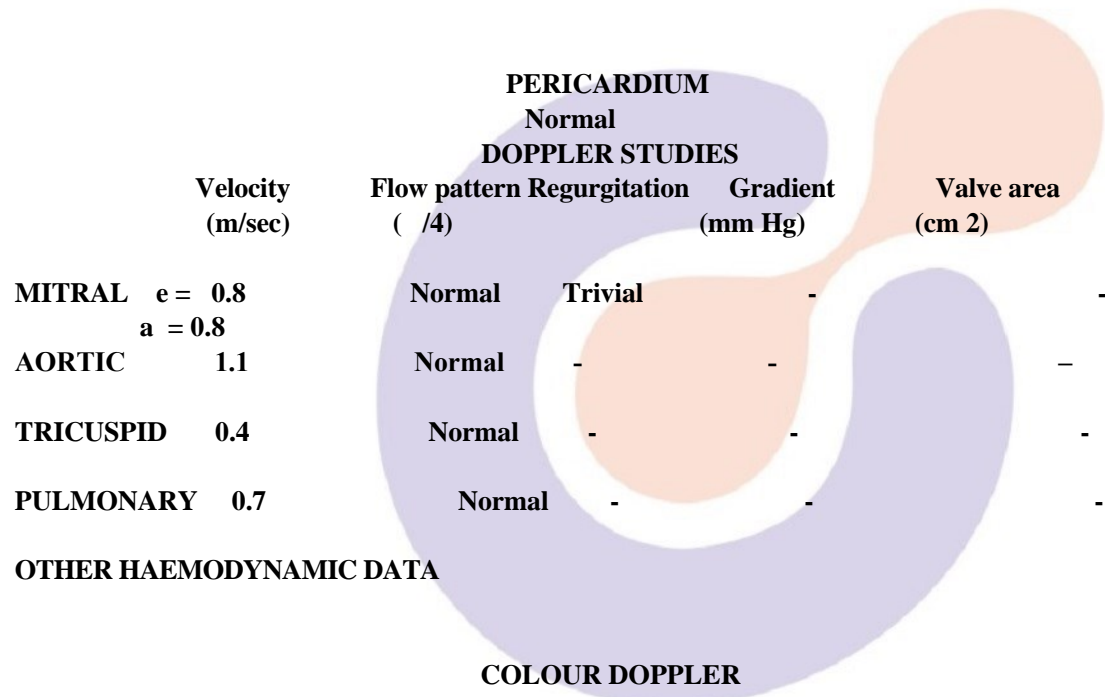
NO RWMA

**Apical 4 chamber View** :

No LV CLOT



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TRIVIAL MR

**CONCLUSIONS :**

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 71%
- NO RWMA
- TRIVIAL MR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**DR. PANKAJ RASTOGI MD.DM**



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**COLOUR DOPPLER STUDY OF BILATERAL LOWER LIMB VEINS AND ARTERIES**

**VENOUS:**

- Bilateral common femoral, superficial femoral, popliteal and visualized parts of bilateral tibial veins reveal clear lumen and normal colour flow with normal phasicity, compressibility and augmentation response.
- *Bilateral anterior and posterior tibial veins could not be very well evaluated in complete extent.*
- There is no obvious reversal of color flow across bilateral sapheno-femoral junctions on valsalva maneuver.
- *Bilateral sapheno popliteal junctions could not be very well evaluated.*

**ARTERIAL:**

- Generalized atherosclerotic changes are seen involving visualized parts of bilateral lower limb arteries causing mild to moderate luminal narrowing with maintained color flow.
- Bilateral common femoral, superficial femoral & popliteal arteries as well as right anterior tibial, posterior tibial arteries show triphasic spectral waveform.
- Right dorsalis pedis artery shows biphasic spectral waveform.
- Visualized parts of left posterior tibial artery show triphasic spectral waveform.
- Proximal & mid segments of left anterior tibial artery show triphasic spectral waveform.
- Visualized part of distal segment of left anterior tibial artery shows biphasic spectral waveform.
- *Terminal parts of left anterior & posterior tibial artery and left dorsalis pedis artery could not be assessed due to overlying bandages.*

**Colour Doppler study shows following indices-**

	FLOW VELOCITY RIGHT	WAVE PATTERN	FLOW VELOCITY LEFT	WAVE PATTERN
Common femoral artery	134 cm/sec	Triphasic	121 cm/sec	Triphasic
Superficial femoral artery	123 cm/sec	Triphasic	150 cm/sec	Triphasic
Popliteal artery	88 cm/sec	Triphasic	87 cm/sec	Triphasic
Anterior tibial artery	69 cm/sec	Triphasic	77 cm/sec	Triphasic/Biphasic
Posterior tibial artery	71 cm/sec	Triphasic	63 cm/sec	Triphasic
Dorsal paedis artery	27 cm/sec	Biphasic		-



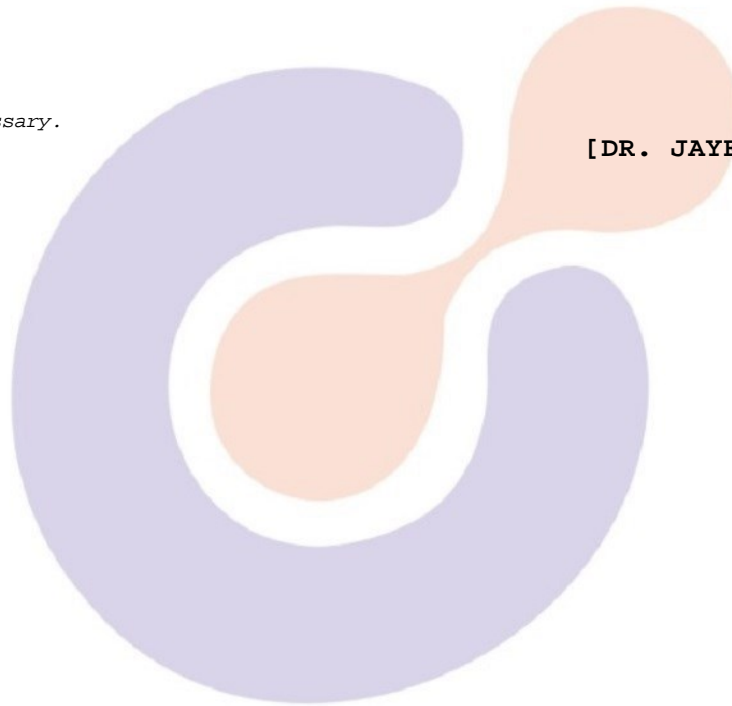
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**IMPRESSION:**

- NO EVIDENCE OF DEEP VEIN THROMBOSIS IN VISUALIZED VEINS.
- GENERALIZED ATHEROSCLEROTIC CHANGES IN BILATERAL LOWER LIMB ARTERIES CAUSING MILD TO LUMINAL NARROWING WITH EARLY HEMODYNAMIC CHANGES AS DESCRIBED.

*Clinical correlation is necessary.*

[DR. JAYENDRA K. ARYA, MD]



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**SKIAGRAM LEFT FOOT AP & LATERAL**

- Distal phalanx and soft tissue of toes are absent.
- Evidence of bone resorption is seen in the proximal phalanx of great toe.

To be correlated with previous records.

[DR. RAJESH KUMAR SHARMA, MD]

Transcribed by Gausiya

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

**CHARAK**

