

# Rana Diagnostics

Resting ECG Report

Patient Name: Mr. KAMAL KISHOR 41M

April 17, 2024

Time: 14:25:49

QT / QTc : 0.180 / 0.217 Sec

P-QRS-T Axis (50)-(62)-(99) deg

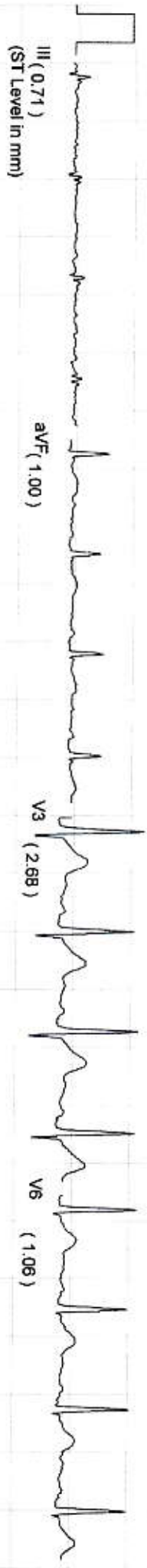
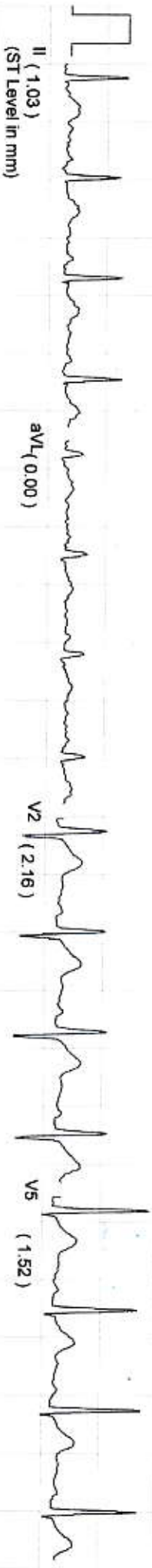
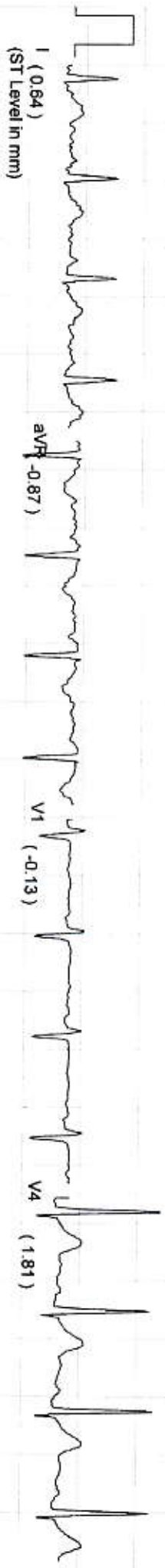
PR Interval: 0.16 sec

QRS Duration : 0.080 Sec

RR Interval: 0.69 sec

HR : 86 bpm

BP : 0 / 0 mmHg



II Sinus Rhythm, PR is normal, Normal QRS Width, Normal QT interval, QRS Axis is normal, T wave inversion in Lead I.

3020 ✓

Dr Parminder S. Rana  
Non Invasive Cardiologist

\*Unconfirmed Reporting, Refer to Clinician



Patient Name: <b>KAMAL KISHOR</b>	Age/Sex: <b>41 Years / MALE</b>
Ref Phy : <b>DR. MEDIWHEEL</b>	Date : <b>17-04-2024 11:50 AM</b>
Patient Id: <b>50997</b>	

## X-RAY CHEST PA VIEW:-

Heart size is normal.

No parenchymal lung pathology is seen.

C.P. angles are clear.

Bony cage and soft tissues are normal.

Dr. Amrita Rana,  
M.D.(Radiology)  
PMC NO -24590  
Chief Consultant Radiologist





Patient Name: KAMAL KISHOR	Age/Sex: 41 Years / MALE
Ref Phy :DR. MEDIWHEEL	Date : 17-04-2024 11:49 AM
Patient Id: 50997	

## ULTRASOUND STUDY : ABDOMEN

- \* Liver is enlarged in size. Liver span in mid clavicular line is 17cm. There's diffuse increase in its echogenicity. No S.O.L. is seen. Portal vein and biliary radicles are normal.
- \* Gall Bladder shows normal distension and wall thickness. No calculus or any other abnormality is detected.
- \* CBD shows normal calibre.
- \* Pancreas is normal in size, outline and echopattern.
- \* Spleen is normal in size and echotexture. Splenic vein shows normal calibre.
- \* Kidneys are normal in size and echopattern. No calculus, hydronephrosis or any mass is detected.
- \* Ureters show no evidence of dilatation.
- \* Urinary bladder shows normal outline and wall thickness. No calculus or any other abnormality is detected.
- \* Prostate is normal in size and echotexture. Seminal vesicles are normal.
- \* No pleural effusion, ascites or any enlarged intraabdominal lymph nodes are seen.

**IMPRESSION : Hepatomegaly with Grade II Fatty Liver**

*Geeta Varma*

Dr. Geeta Varma,  
M.B.B.S.  
PMC NO -23807  
Consultant Sonologist





Patient Name: KAMAL KISHOR	Age/Sex: 41 Years / MALE
Ref Phy :DR. MEDIWHEEL	Date : 17-04-2024 11:49 AM
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## COLOR DOPPLER ECHOCARDIOGRAPHY

### MORPHOLOGICAL DATA :-

MITRAL VALVE: AML	: Normal	INTERATRIAL SEPTUM	: Intact
PML	: Normal	INTERVENTRICULAR SEPTUM	: Intact
AORTIC VALVE	: Normal	PULMONARY ARTERY	: Normal
TRICUSPID VALVE	: Normal	AORTA	: Normal
PULMONARY VALVE	: Normal	RIGHT ATRIUM	: Normal
RIGHT VENTRICLE	: Normal	LEFT ATRIUM	: Normal
LEFT VENTRICLE	: Normal	PERICARDIUM	: Normal

### DIMENSIONS :-

	NORMAL	NORMAL
AO(ed)	: 3.3cms (2.0-3.7cm < 2.1cm/m <sup>2</sup> )	IVS(ed) : 1.1cms (0.6-1.2cm)
LA(es)	: 3.7cms (2.2-4.0cm < 2.2cm/m <sup>2</sup> )	LVPW(ed) : 1.1cms (0.6-1.2cm)
RVID(ed)	: 2.9cms (1.7-3.0cm < 1.7cm/m <sup>2</sup> )	LVEF : 55% (55%-70%)
LVID(ed)	: 4.5cms (3.5-5.6cm < 3.2cm/m <sup>2</sup> )	FSLV : 28% (28%-42%)
LVID(es)	: 3.2cms (2.2-4.0cm < 2.2cm/m <sup>2</sup> )	

### IMAGING AND COLOR DOPPLER FINDINGS:-

Mitral valve is of normal thickness and is opening and closing normally. Aortic valve is trileaflet, of normal thickness and is opening and closing normally. Tricuspid and pulmonary valves are structurally normal. Left ventricle and left atrium are normal in size. No clot/thrombus is seen. No wall motion abnormalities are seen. Ejection fraction is about 55% Interatrial and interventricular septae are intact. RV and RA are normal.

### COLOR FLOW MAPPING:-

Trivial MR is seen.



## DOPPLER STUDIES:-

E/A : 1.3 on mitral doppler spectrum.

Mitral flow velocity E wave : 68 cms/s      A wave : 52 cms/s

Dec.Time: 0.133 sec.      Dec. Slope : 510 cms/s<sup>2</sup>

Aortic flow velocity : 103 cms/s

V.T.I. : 20 cms

LVOT: 2.0 cms      Stroke Volume : 63 ml      Cardiac output : 5.0 lit

Pulmonary flow velocity : 76 cms/s

Acc. time : 0.115 sec

Tricuspid flow velocity : 48 cms/s

## IMPRESSION:-

1. Normal sized cardiac chambers.
2. Good systolic function, no wall motion abnormalities seen, EF is about 55%
3. Structurally normal mitral, aortic, tricuspid and pulmonary valves.
4. Intact interatrial and interventricular septae.

## SPECKLE TRACKING STUDIES:-

Global and Segmental strains are within normal range.  
No abnormality is seen.

## TISSUE DOPPLER STUDIES:-

Septal E' measures 0.08      E/E' is 8.9

TSI shows no significant delay.



Dr. Parminder Singh Rana,

M.D. (Int. Medicine) FIAE

PMC NO -22878

Consultant Non Invasive Cardiologist



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