



# MEDICOVER HOSPITALS

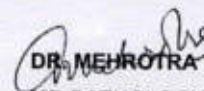
## LABORATORY REPORT : BIOCHEMISTRY

Name	: Mr. NIRAJ KUMAR SINHA	Age /Sex	: 52Y Y (s) MALE
Bill Date	: 28-Sep-2024 08:57 AM	UMR No.	: 542409002573
Rec. Dt	: 28-Sep-2024 11:40 AM	Bill No.	: MCB54240907497
Rept. Dt	: 28-Sep-2024 04:46 PM	Result No	: RMI240924345
Ref By	: Dr. ER PHYSICIAN	Sample ID	: MCNMI6035792
Sample Type	: SERUM		

### SERUM CREATININE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
CREATININE <small>'affe</small>	0.82	0.8 - 1.3	mg/dL

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

  
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Name	: Mr. NIRAJ KUMAR SINHA	Age /Sex	: 52Y Y (s) MALE
Bill Date	: 28-Sep-2024 08:57 AM	UMR No.	: 542409002573
Rec. Dt	: 28-Sep-2024 02:22 PM	Bill No.	: MCB54240907497
Rept. Dt	: 29-Sep-2024 10:51 AM	Result No	: RMI240925075
Ref By	: Dr. ER PHYSICIAN	Sample ID	: MCNMI6036174
Sample Type	:		

### PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
PLBS (POST LUNCH BLOOD GLUCOSE)	123		
URINE SUGAR	NIL		

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LABORATORY REPORT : HAEMATOLOGY

Name	: Mr. NIRAJ KUMAR SINHA	Age /Sex	: 52Y Y (M) MALE
Bill Date	: 28-Sep-2024 08:57 AM	UMR No.	: 542409002573
Rec. Dt	: 28-Sep-2024 11:40 AM	Bill No.	: MCB54240907497
Rept. Dt	: 28-Sep-2024 01:20 PM	Result No	: RMI240924346
Ref By	: Dr. ER PHYSICIAN	Sample ID	: MCNMI6035793
Sample Type	: WHOLE BLOOD		

NAVIMUMBAI

**CBP (COMPLETE BLOOD PICTURE)**

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>R B C COUNT</b> <i>Electrical Impedance</i>	4.52	4.5 - 5.5 $10^{12}/L$	$10^{12}/L$
<b>HEMOGLOBIN</b> <i>Photometric</i>	14.1	13.0 - 17.0	gms/dL
<b>PCV/HCT</b> <i>Calculated</i>	43.5	40 - 50	%
<b>MCV</b> <i>Calculated</i>	96.4	83 - 101	fl
<b>MCH</b> <i>Calculated</i>	31.2	27 - 32	pg
<b>MCHC</b> <i>Calculated</i>	32.3	31 - 37	g/dL
<b>RDW(cv)</b>	<b>15.7 *</b>	11.6 - 14.0 %	%
<b>TLC (TOTAL LEUCOCYTE COUNT)</b> <i>Impedance</i>	5.15	4.0 - 10.0	$10^3/\mu l$
<b>DIFFERENTIAL COUNT</b>			
<b>NEUTROPHILS</b> <i>DHSS/Microscopy</i>	56	40 - 80 %	

  
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<b>Rept. Dt</b>	: 28-Sep-2024 01:20 PM	<b>Result No</b>	: RMI240924346
<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6035793
<b>Sample Type</b>	: WHOLE BLOOD		

<b>LYMPHOCYTES</b> <i>DHSS/Microscopy</i>	36	20 - 40 %	
<b>MONOCYTES</b> <i>DHSS/Microscopy</i>	04	02 - 10 %	
<b>EOSINOPHILS</b> <i>DHSS/Microscopy</i>	04	00 - 06 %	
<b>BASOPHILS</b> <i>DHSS/Microscopy</i>	00	00 - 01 %	
<b>PLATELET COUNT</b> <i>Electrical Impedance</i>	185	150 - 400 $10^3/\mu\text{L}$	$10^3/\mu\text{L}$

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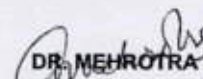
## LABORATORY REPORT : HAEMATOLOGY

<b>Name</b>	: Mr. NIRAJ KUMAR SINHA	<b>Age /Sex</b>	: 52 Y Y (M) MALE
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<b>Rec. Dt</b>	: 28-Sep-2024 11:40 AM	<b>Bill No.</b>	: MCB54240907497
<b>Rept. Dt</b>	: 28-Sep-2024 01:29 PM	<b>Result No</b>	: RMI240924347
<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6035794
<b>Sample Type</b>	: WHOLE BLOOD		

### ESR

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
ESR MODIFIED WESTERGRENS METHOD	09	0 - 10	mm/1st hour

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**LABORATORY REPORT : BLOOD BANK**

<b>Name</b>	: Mr. NIRAJ KUMAR SINHA	<b>Age /Sex</b>	: 52 Y Y (s) MALE
<b>Bill Date</b>	: 28-Sep-2024 08:57 AM	<b>UMR No.</b>	: 542409002573
<b>Rec. Dt</b>	: 28-Sep-2024 11:40 AM	<b>Bill No.</b>	: MCB54240907497
<b>Rept. Dt</b>	: 30-Sep-2024 04:25 PM	<b>Result No</b>	: RMI240924355
<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6035798
<b>Sample Type</b>	: WHOLE BLOOD		

NAVHUMBAI

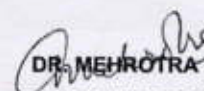
**BLOOD GROUPING AND RH**

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>BLOOD GROUP</b> <i>Automated microcolumn gel method</i>	A		
<b>RH TYPE</b>	POSITIVE		

**INTERPRETATION**

1. If Rh is Du positive it is best considered as Rh negative as recipient and Rh positive as donor. Proper Cross matching is recommended before transfusion.
2. In case of forward and reverse grouping discrepancy, clinical correlation and repeat sample analysis is recommended.
3. For Infants below 6 months only forward grouping is performed.
4. A sub-grouping is recommended after the age of 6 months.

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LABORATORY REPORT : CLINICAL PATHOLOGY

Name	: Mr. NIRAJ KUMAR SINHA	Age /Sex	: 52 Y Y (M) MALE
Bill Date	: 28-Sep-2024 08:57 AM	UMR No.	: 542409002573
Rec. Dt	: 28-Sep-2024 11:06 AM	Bill No.	: MCB54240907497
Rept. Dt	: 28-Sep-2024 05:19 PM	Result No	: RMI240924348
Ref By	: Dr. ER PHYSICIAN	Sample ID	: MCNMI6035795
Sample Type	: URINE		

NAVIMUMBAI

**CUE (COMPLETE URINE EXAMINATION)**

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b><u>PHYSICAL EXAMINATION</u></b>			
VOLUME	25 ML		ml
COLOUR	PALE YELLOW	PALE YELLOW	
APPEARANCE	CLEAR	CLEAR	
<b><u>CHEMICAL EXAMINATION</u></b>			
DEPOSIT	ABSENT	ANSENT	
SPECIFIC GRAVITY <i>Bromthymol blue</i>	1.005	1.000 - 1.030	
PH <i>Bromthymol blue</i>	5.0	5.0 - 8.0	
PROTEIN <i>Tetra-bromophenol blue/Heat coagulation test</i>	NIL	NIL (<15 mg/dL)	
GLUCOSE <i>Glucose oxidase Peroxidase/Benedict's test</i>	NIL	NIL (<25 mg/dL)	

*Neeta Shrivastava*

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## LABORATORY REPORT : CLINICAL PATHOLOGY

<b>Name</b>	: Mr. NIRAJ KUMAR SINHA	<b>Age /Sex</b>	: 52 Y Y (M) MALE
<b>Bill Date</b>	: 28-Sep-2024 08:57 AM	<b>UMR No.</b>	: 542409002573
<b>Rec. Dt</b>	: 28-Sep-2024 11:06 AM *	<b>Bill No.</b>	: MCB54240907497
<b>Rept. Dt</b>	: 28-Sep-2024 05:19 PM	<b>Result No</b>	: RMI240924348
<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6035795
<b>Sample Type</b>	: URINE		

<b>UROBILINOGEN</b> <i>Diazonium salt</i>	NIL	NIL
<b>KETONE</b> <i>Sodium nitroprusside/Rothera's test.</i>	NIL	NIL (<5 mg/dL)
<b>BILIRUBIN</b> <i>Dipstick/Fouchets test</i>	NEGATIVE	NEGATIVE
<b>BILE SALT</b> <i>Hays sulphur powder</i>	NEGATIVE	NEGATIVE
<b>BILE PIGMENT</b> <i>Fouchet test</i>	NEGATIVE	NEGATIVE
<b>NITRITE</b> <i>Sulfanilic acid</i>	NEGATIVE	NEGATIVE
<b>LEUCOCYTE ESTERASE</b>	NEGATIVE	NEGATIVE

### MICROSCOPIC EXAMINATION

<b>PUS CELLS</b>	0-1	0 - 5 /hpf
<b>EPITHELIAL CELLS</b>	NIL *	0 - 5 hpf
<b>RBC</b>	NIL	0 - 5 /hpf

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<b>Rept. Dt</b>	: 28-Sep-2024 05:19 PM	<b>Result No</b>	: RMI240924348
<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6035795
<b>Sample Type</b>	: URINE		

**CAST** NIL NIL  
*Microscopy examination*

**CRYSTALS** NIL NIL

**BACTERIA** ABSENT  
*Microscopic examination*

**YEAST** ABSENT  
*Microscopic examination*

**AMORPHOUS DEPOSITS** NIL  
*Microscopic examination*

**MUCUS THREAD** ABSENT  
*Microscopic examination*

### NOTE

Microscopic examination of urine is carried out on centrifuged urinary sediment.

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

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# MEDICOVER HOSPITALS


## LABORATORY REPORT : BIOCHEMISTRY

<b>Name</b>	: Mr. NIRAJ KUMAR SINHA	<b>Age /Sex</b>	: 52 Y Y (M) MALE
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<b>Rec. Dt</b>	: 28-Sep-2024 11:40 AM	<b>Bill No.</b>	: MCB54240907497
<b>Rept. Dt</b>	: 28-Sep-2024 04:46 PM	<b>Result No</b>	: RMI240924349
<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6035792
<b>Sample Type</b>	: SERUM		

### SERUM URIC ACID

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
SERUM URIC ACID <i>uricase</i>	5.9	3.4-7.0	mg/dL

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Rept. Dt	: 28-Sep-2024 04:46 PM	Result No	: RMI240924350
Ref By	: Dr. ER PHYSICIAN	Sample ID	: MCNMI6035792
Sample Type	: SERUM		

**LFT(LIVER FUNCTION TEST)**

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>TOTAL BILIRUBIN</b> DIAZO	1.2	<1.2	mg/dL
<b>DIRECT BILIRUBIN</b> DIAZO	0.3 *	<=0.20	mg/dL
<b>INDIRECT BILIRUBIN</b> Calculated	0.9	<=1.0	mg/dL
<b>SGPT (ALT)</b> UV without P5P	32	<=41	U/L
<b>SGOT (AST)</b> UV without P5P	27	<=40	U/L
<b>ALKALINE PHOSPHATASE (ALP)</b> NPP, AMP Buffer - IFCC Ref.	89	40-129 U/L	U/L
<b>TOTAL PROTEINS</b> Biuret method	7.8	6.0 - 8.0 g/dL	g/dL
<b>SERUM ALBUMIN</b> Bromcresol Green (BCG)	4.8	3.5 - 5.2 g/dL	g/dL
<b>GLOBULINS</b> Calculated	3.0	2.5 - 3.5 g/dL	g/dL
<b>A/G RATIO</b> Calculation	1.6	1.2 - 2.5	

  
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<b>Name</b>	: Mr. NIRAJ KUMAR SINHA	<b>Age /Sex</b>	: 52 Y Y (M) MALE
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<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6035792
<b>Sample Type</b>	: SERUM		

**GAMMA GLUTAMYL  
TRANSFERASE(GGT)**


39

6-42

U/L

*G-glutamyl-carboxy-nitroanilide-IFCC*

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<b>Rept. Dt</b>	: 28-Sep-2024 04:46 PM	<b>Result No</b>	: RMI240924353
<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6035796
<b>Sample Type</b>	: SERUM		

### T3,T4 AND TSH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>T3</b> ECLIA	107.7	70 - 204	ng/dL
<b>T4</b> ECLIA	7.45	5.1 - 14.1	ug/dL
<b>TSH (THYROID STIMULATING HORMONE)</b> ECLIA	5.21 *	0.270 - 4.20	uIU/mL

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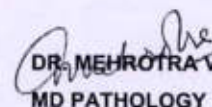
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<b>Rept. Dt</b>	: 29-Sep-2024 10:10 AM	<b>Result No</b>	: RMI240924356
<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6035799
<b>Sample Type</b>	: PLASMA		

### FBS (FASTING BLOOD GLUCOSE WITH URINE GLUCOSE)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>FASTING BLOOD GLUCOSE</b> <i>Hexokinase</i>	94	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL
<b>FASTING URINE GLUCOSE</b>	NIL		

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NAVIMUMBAI

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Rept. Dt	: 28-Sep-2024 04:46 PM	Result No	: RMI240924351
Ref By	: Dr. ER PHYSICIAN	Sample ID	: MCNMI6035792
Sample Type	: SERUM		

### LIPID PROFILE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>TOTAL CHOLESTEROL</b> <i>Enzymatic colorimetric</i>	<b>203 *</b>	Desirable :: < 200 mg/dL Borderline High :: 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
<b>HDL CHOLESTEROL</b> <i>Homogeneous enzymatic colorimetric</i>	<b>43</b>	Low :: < 40 mg/dL High :: > 60 mg/dL	mg/dL
<b>LDL CHOLESTEROL</b> <i>Direct-Enzymatic colorimetric</i>	<b>126 *</b>	Very High : - > 190 mg/dL Optimal : - < 100 mg/dL Near Optimal : 100 - 129 mg/dL High : 160 - 189 mg/dL Borderline High:130-159 mg/dl	mg/dL
<b>VLDL</b> <i>Calculation</i>	<b>34 *</b>	2 - 30 mg/dL	mg/dL
<b>SERUM TRYGLYCERIDES</b> <i>Enzymatic colorimetric</i>	<b>170 *</b>	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL
<b>CHO/HDL RATIO</b> <i>Calculation</i>	<b>4.72 *</b>	Normal : - < 3.5 High Risk : - > 5.0	
<b>LDL/HDL RATIO</b>	<b>2.93</b>		

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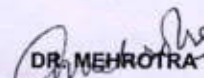
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Rept. Dt	: 28-Sep-2024 02:45 PM	Result No	: RMI240924354
Ref By	: Dr. ER PHYSICIAN	Sample ID	: MCNMI6035797
Sample Type	: SERUM		

### HBA1C (GLYCOSYLATED HAEMOGLOBIN)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
HBA1C IPLC	5.5	" Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	

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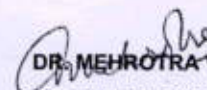
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<b>Rept. Dt</b>	: 28-Sep-2024 04:46 PM	<b>Result No</b>	: RMI240924352
<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6035792
<b>Sample Type</b>	: SERUM		

### BUN(BLOOD UREA NITROGEN)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
BUN (Blood Urea Nitrogen.) <i>Calculated</i>	7	7 - 21.0	mg/dL

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

  
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<i>Patient ID:</i>	542409002573	<i>Patient Name:</i>	NIRAJ KUMAR SINHA
<i>Age:</i>	52YRS	<i>Sex:</i>	M
<i>Accession Number:</i>		<i>Modality:</i>	US
<i>Referring Physician:</i>	DMO	<i>Study:</i>	USG ABDO
<i>Study Date:</i>	28-Sep-2024		

### ULTRASOUND EXAMINATION OF ABDOMEN & PELVIS

The Liver is normal in size (13.0 cm) and shows increase in parenchymal reflectivity. No focal lesion is seen. The Hepatic veins appear normal. There is no IHBR dilatation. The portal vein appears normal.

The gall bladder is distended with normal wall thickness. An echogenic calculi of size 10 mm is seen in gall bladder. C.B.D. is of normal caliber.

The Pancreas is normal in size and shows homogeneous reflectivity.

The spleen is normal size. It measures 9.2 cm in long axis. No focal lesion is seen.

Both kidneys are normal in position and size. They show normal cortical reflectivity and cortico-medullary distinction.

The Right Kidney measures 11.3 x 5.6 cm. Multiple cortical cysts are seen, largest measuring 3.8 x 3.4 cm in right kidney.

The Left Kidney measures 10.8 x 5.8 cm. Multiple cortical cysts are seen, largest measuring 2.4 x 2.1 cm in left kidney.

There is no obvious evidence of renal calculi or hydronephrosis noted.

There is no evidence of ascites.

The Urinary bladder is distended and shows normal wall thickness. No evidence of any intraluminal mass or calculi.

The Prostate gland is enlarged in size.

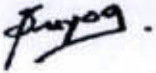
It measures 5.4 x 3.3 x 3.2 cm corresponding to an estimated weight of 30.5 gms.

<b>Patient ID:</b>	542409002573	<b>Patient Name:</b>	NIRAJ KUMAR SINHA
<b>Age:</b>	52YRS	<b>Sex:</b>	M
<b>Accession Number:</b>		<b>Modality:</b>	US
<b>Referring Physician:</b>	DMO	<b>Study:</b>	USG ABDO
<b>Study Date:</b>	28-Sep-2024		

**IMPRESSION:**

- Grade I fatty liver.
- Cholelithiasis without signs of cholecystitis
- Bilateral polycystic type of kidneys.
- Prostatomegaly.

*Suggest clinical correlation and further evaluation SOS.*



**DR. SUYOG SANGALE**  
MBBS DMRE  
CONSULTANT RADIOLOGIST

Date: 28-Sep-2024 12:54:58

Patient ID:	542409002573	Patient Name:	NIRAJ KUMAR SINHA
Age:	52 Years	Sex:	M
Accession Number:		Modality:	DX
Referring Physician:	DR.ER PHYSICIAN	Study:	Chest
Study Date:	28-Sep-2024		

**X RAY CHEST PA VIEW**

Both lungs are clear.

The frontal cardiac dimensions are normal.

The pleural spaces are clear.


Both hilar shadows are normal in position and density.

No diaphragmatic abnormality is seen.

The soft tissues and bony thorax are normal.

**IMPRESSION:**

- No significant abnormality is seen.



DR. SUYOG SANGALE  
MBBS DMRE  
CONSULTANT RADIOLOGIST

Date: 28-Sep-2024 16:16:09

hc 2573  
52 Years

niraj sinha  
Male

9/28/2024 1:06:06 PM

Rate 72 . Sinus rhythm.....normal P axis, V-rate 50- 99  
. Abnormal R-wave progression, early transition.....QRS area>0 in V2  
PR 155 . Baseline wander in lead(s) I,II,aVR,aVL,aVF  
QRSD 99  
QT 371  
QTc 406

WNL

Dr. Rishi A Bhargava  
MBBS MD (Medicine) DM (Cardiology)  
FSCAI (USA).  
Consultant Interventional Cardiologist  
Reg. No.: MMC/2019/02/0494.  
Mob. No. 7738395936

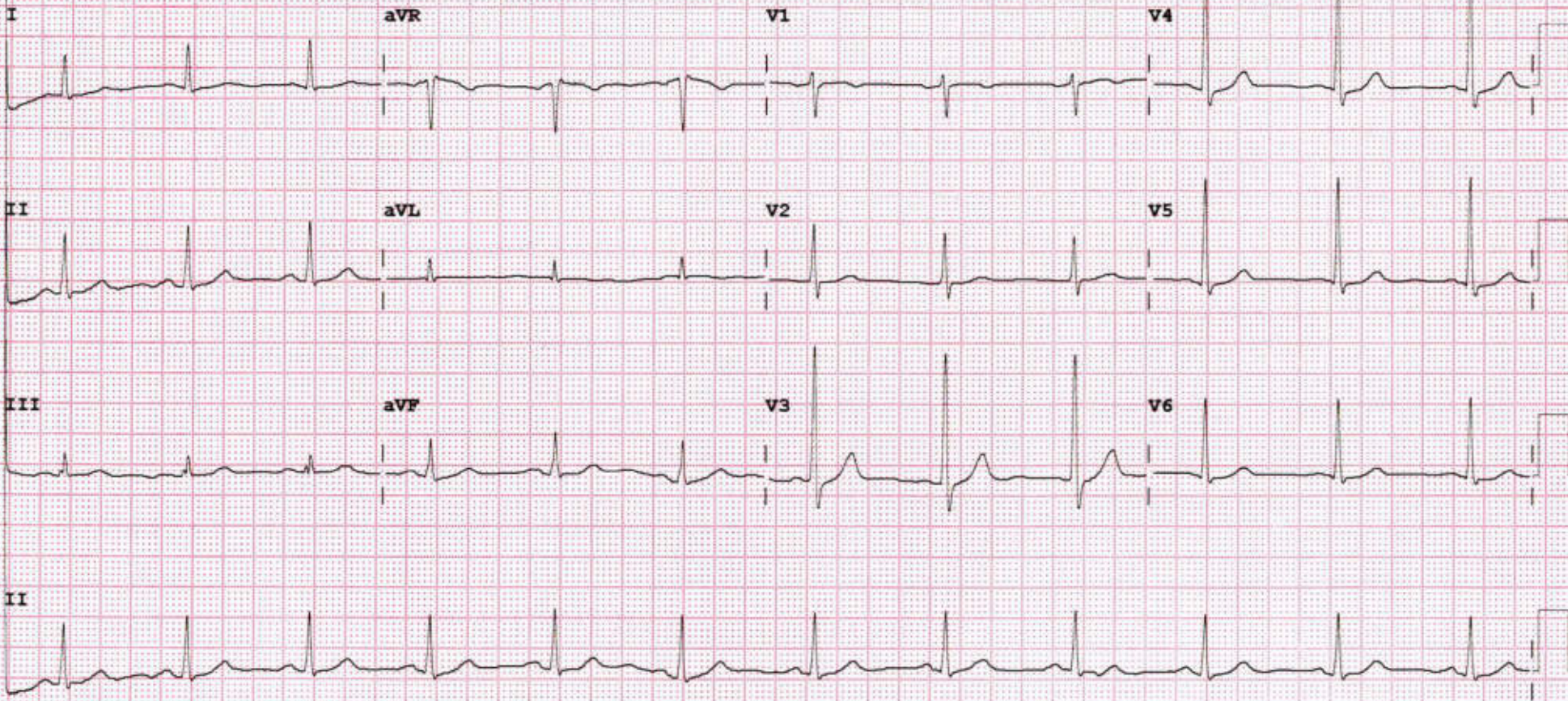
--AXIS--

P 68  
QRS 51  
T 65

- OTHERWISE NORMAL ECG -

12 Lead; Standard Placement

Unconfirmed Diagnosis





**MEDICOVER**  
HOSPITALS

NAVI MUMBAI

## 2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER

<i>Name</i> : Mr. Niraj Sinha	Date:- 28/09/2024
<i>Age / Sex</i> : 52 Yrs / male	NMU : 00002573
<i>Referred By</i> : Health Check Up	

### FINDINGS:

- No left ventricle regional wall motion abnormality.
- Normal left ventricle systolic function. LVEF = 60%.
- No left ventricle diastolic dysfunction.
- Trivial mitral regurgitation.
- No aortic regurgitation. No aortic stenosis.
- No tricuspid regurgitation. No pulmonary hypertension.
- No left ventricle clot / vegetation / pericardial effusion.
- Intact IAS and IVS.
- Normal left atrium and left ventricle dimensions.
- Normal right atrium and right ventricle dimensions.
- Normal right ventricle systolic function. No hepatic congestion.

### IMP:

- No RWMA.
- Trivial MR
- Normal LV and RV systolic function.

**DR. RISHI BHARGAVA**  
MD DM CARDIOLOGY





**MEDICOVER  
HOSPITALS**

NAVI MUMBAI

**M-MODE MEASUREMENTS:**

LA	34	mm
AO root	29	mm
AO CUSP SEP	18	mm
LVID(s)	31	mm
LVID(d)	43	mm
IVS(d)	11	mm
LVPW(d)	10	mm
RVID(d)	29	mm
RA	31	mm
LVEF	60	%

	PEAK	MEAN	Vmax	Gradient of Regurgitation
MITRAL	N			Trivial
AORTIC	5			NIL
TRICUSPID	N			Nil
PULMONERY	4.1			Nil

