

## LABORATORY REPORT : BIOCHEMISTRY

<b>Name</b>	: Mr. ABHAY KUMAR	<b>Age /Sex</b>	: 52Y Y(s)/MALE
<b>Bill Date</b>	: 11-Jan-2025 11:00 AM	<b>UMR No.</b>	: 542501000792
<b>Rec. Dt</b>	: 11-Jan-2025 02:56 PM	<b>Bill No.</b>	: MCB54250102931
<b>Rept. Dt</b>	: 13-Jan-2025 11:42 AM	<b>Result No</b>	: RMI250108703
<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6087344
<b>Sample Type</b>	:		

### 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)	148	Normal Range : <140 Impaired Glucose Tolerance : 140 -199 Diabetes Mellitus: >=200	
URINE SUGAR	++		

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

Verified By  
Shekhar Krishna Koli (025493)

  
DR. MEHROTRA VISHAL  
MD PATHOLOGY



## LABORATORY REPORT : BLOOD BANK

<b>Name</b>	: Mr. ABHAY KUMAR	<b>Age /Sex</b>	: 52Y Y(s)/MALE
<b>Bill Date</b>	: 11-Jan-2025 11:00 AM	<b>UMR No.</b>	: 542501000792
<b>Rec. Dt</b>	: 11-Jan-2025 12:43 PM	<b>Bill No.</b>	: MCB54250102931
<b>Rept. Dt</b>	: 13-Jan-2025 01:34 PM	<b>Result No</b>	: RMI250108476
<b>Ref By</b>	: Dr. ER PHYSICIAN	<b>Sample ID</b>	: MCNMI6087200
<b>Sample Type</b>	: WHOLE BLOOD		

### BLOOD GROUPING AND RH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>BLOOD GROUP</b> <i>Tube agglutination</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.

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

Verified By  
Priyanka Ganpat Suryavanshi (028941)

  
DR. MEHROTRA VISHAL  
MD PATHOLOGY





**MEDICOVER  
HOSPITALS**

NAVI MUMBAI

## 2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER

<i>Name</i>	: Mr. Abhay Kumar	Date:- 11/01/2025
<i>Age / Sex</i>	: 52 Yrs / male	NMU : 542501000729
<i>Referred By</i>	: Health Checkup	

### FINDINGS:

- No left ventricle regional wall motion abnormality.
- Normal left ventricle systolic function. LVEF = 60%.
- Grade I left ventricle diastolic dysfunction.
- Mild mitral regurgitation.
- No aortic regurgitation. No aortic stenosis.
- Trivial tricuspid regurgitation. No pulmonary hypertension.  
PASP = 30 mm Hg.
- 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.
- Grade I left ventricle diastolic dysfunction.
- Mild MR. Trivial TR. No PH.
- 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)	33	mm
LVID(d)	42	mm
IVS(d)	11	mm
LVPW(d)	10	mm
RVID(d)	29	mm
RA	30	mm
LVEF	60	%

	PEAK	MEAN	Vmax	Gradient of Regurgitation
MITRAL	N			Mild
AORTIC	9			Nil
TRICUSPID	30			Trivial
PULMONERY	4.1			Nil



<b>Patient ID:</b>	542501000792	<b>Patient Name:</b>	ABHAY KUMAR
<b>Age:</b>	52YRS	<b>Sex:</b>	M
<b>Accession Number:</b>	HC	<b>Modality:</b>	US
<b>Referring Physician:</b>	DMO	<b>Study:</b>	USG ABDOMEN PELVIS
<b>Study Date:</b>	11-Jan-2025	<b>Study Time:</b>	16:25:49

### USG ABDOMEN & PELVIS

**The Liver** is normal in size (11.9 cm) and shows normal echotexture. 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. There is no evidence of gallstones. C.B.D. is of normal caliber.

**The Pancreas-** There is suspicious dilatation of pancreatic duct in the body region with calcifications/ duct calculi.

**The spleen** is normal size (9.0 cm). No focal lesion is seen.

The Right Kidney measures 8.9 x 3.1 cm.

The Left Kidney measures 8.5 x 4.5 cm.

**Both kidneys** are normal in size, shape and echotexture. They shows normal cortical echogenicity with maintained cortico-medullary distinction.

There is no evidence of a calculus, hydronephrosis, or hydroureter.

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

**The Prostate gland** is normal in size and echotexture.

It has an estimated weight of 20 gms.

Visualised bowel loops are unremarkable.

There is no evidence of significant lymphadenopathy.

No ascitis is seen.

### IMPRESSION:

- There is suspicious dilatation of pancreatic duct in the body region with calcifications/ duct calculi. *Further evaluation with CT abdomen with contrast is recommended.*
- No other significant abnormality is seen.



DR. ANUPKUMAR AGRAWAL  
Consultant & HOD Radiology  
MBBS, MD

Date: 11-Jan-2025 17:28:52

<b>Patient ID:</b>	542501000792	<b>Patient Name:</b>	ABHAY KUMAR
<b>Age:</b>	52 Years	<b>Sex:</b>	M
<b>Accession Number:</b>		<b>Modality:</b>	DX
<b>Referring Physician:</b>		<b>Study:</b>	CHEST
<b>Study Date:</b>	11-Jan-2025		

**X RAY CHEST PA VIEW**

Both lungs are clear.

The frontal cardiac dimensions are normal.

The pleural spaces are clear.

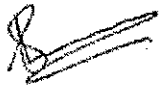
Both hilar shadows are normal in position and density.

No diaphragmatic abnormality is seen.

The soft tissues and bony thorax are normal.

**Impression:**

- No significant abnormality is seen.



**Dr. Garima Shalendra Sharma**  
MBBS, M.D. (Radio Diagnosis),  
DNB, FRCR  
Consultant Radiologist

Date: 11-Jan-2025 15:18:02



Name : Mr. ABHAY KUMAR  
Bill No. : MCB54250102931

Age /Sex : 52Y Y(s)/MALE  
UMR No. : 542501000792

**LABORATORY REPORT : BIOCHEMISTRY**

Parameters	Result	Reference Range	Units
<b>PSA (PROSTATE SPECIFIC ANTIGEN).</b>			
( Bill Date : 11-Jan-2025 11:00 AM Result ID : RMI250108474)			
PROSTATE SPECIFIC ANTIGEN (PSA) ECLIA	1.24	0-4.0	ng/mL
<b>T3,T4 AND TSH</b>			
( Bill Date : 11-Jan-2025 11:00 AM Result ID : RMI250108475)			
T3 ECLIA	84.83	70 - 204	ng/dL
T4 ECLIA	13.47	5.1 - 14.1	ug/dL
TSH(THYROID STIMULATING HORMONE) ECLIA	1.92	0.270 - 4.20	uIU/mL

  
DR. MEHROTRA VISHAL  
MD PATHOLOGY



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Bill No.	: MCB54250102931	UMR No.	: 542501000792

**LABORATORY REPORT : BIOCHEMISTRY**

Parameters	Result	Reference Range	Units
<b>SERUM URIC ACID</b>			
( Bill Date : 11-Jan-2025 11:00 AM	Result ID : RMI250108467)		
SERUM URIC ACID <i>uricase</i>	5.5	3.4-7.0	mg/dL
<b>LFT(LIVER FUNCTION TEST)</b>			
( Bill Date : 11-Jan-2025 11:00 AM	Result ID : RMI250108468)		
TOTAL BILIRUBIN <i>DIAZO</i>	0.2	<1.2	mg/dL
DIRECT BILIRUBIN <i>DIAZO</i>	0.1	<=0.20	mg/dL
INDIRECT BILIRUBIN <i>Calculated</i>	0.1	<=1.0	mg/dL
SGPT (ALT) <i>UV without P5P</i>	9	<=41	U/L
SGOT (AST) <i>UV without P5P</i>	14	<=40	U/L
ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i>	90	40-129 U/L	U/L
TOTAL PROTEINS <i>Biuret method</i>	7.1	6.0 - 8.0 g/dL	g/dL
SERUM ALBUMIN <i>Bromocresol Green (BCG)</i>	4.3	3.5 - 5.2 g/dL	g/dL
GLOBULINS <i>Calculated</i>	2.8	2.5 - 3.5 g/dL	g/dL
A/G RATIO <i>Calculation</i>	1.53	1.2 - 2.5	
GAMMA GLUTAMYL TRANSFERASE(GGT) <i>G-glutamyl-carboxy-nitroanilide-IFCC</i>	11	6-42	U/L

**BUN / CREATININE RATIO**

( Bill Date : 11-Jan-2025 11:00 AM Result ID : RMI250108469)

BUN / CREATININE RATIO <i>CALCULATED</i>	8.42 *	10-20
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**SERUM CREATININE**

( Bill Date : 11-Jan-2025 11:00 AM Result ID : RMI250108470)

CREATININE <i>Jaffe</i>	0.95	0.8 - 1.3	mg/dL
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**LIPID PROFILE**

( Bill Date : 11-Jan-2025 11:00 AM Result ID : RMI250108471)

TOTAL CHOLESTEROL <i>Enzymatic colorimetric</i>	154	Desirable :: < 200 mg/dL Borderline High :: 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
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HDL CHOLESTEROL <i>Homogeneous enzymatic colorimetric</i>	37	Low :: < 40 mg/dL High :: > 60 mg/dL	mg/dL
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LDL CHOLESTEROL <i>Direct-Enzymatic colorimetric</i>	95	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
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VLDL <i>Calculation</i>	16	2 - 30 mg/dL	mg/dL
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SERUM TRYGLYCERIDES <i>Enzymatic colorimetric</i>	82	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL
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CHO/HDL RATIO <i>Calculation</i>	4.16 *	Normal : - < 3.5 High Risk : - > 5.0	
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LDL/HDL RATIO	2.57		
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**HBA1C (GLYCOSYLATED HAEMOGLOBIN)**

( Bill Date : 11-Jan-2025 11:00 AM Result ID : RMI250108472)

HBA1C <i>HPLC</i>	7.0 *	" Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	
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**BUN(BLOOD UREA NITROGEN)**

( Bill Date : 11-Jan-2025 11:00 AM Result ID : RMI250108473)

BUN (Blood Urea Nitrogen.) <i>Calculated</i>	8	7 - 21.0	mg/dL
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**FBS (FASTING BLOOD GLUCOSE WITH URINE GLUCOSE)**

( Bill Date : 11-Jan-2025 11:00 AM Result ID : RMI250108477)

FASTING BLOOD GLUCOSE <i>Hexokinase</i>	107 *	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL
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Name	: Mr. ABHAY KUMAR	Age /Sex	: 52Y Y(s)/MALE
Bill No.	: MCB54250102931	UMR No.	: 542501000792

**LABORATORY REPORT : CLINICAL PATHOLOGY**

Parameters	Result	Reference Range	Units
<b>CUE(COMPLETE URINE EXAMINATION)</b>			
( Bill Date : 11-Jan-2025 11:00 AM Result ID : RMI250108466)			
<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	1.010	1.000 - 1.030	
<i>Bromthymol blue</i>			
PH	5.0	5.0 - 8.0	
<i>Bromthymol blue</i>			
PROTEIN	NIL	NIL (<15 mg/dL)	
<i>Tetra-bromophenol blue/Heat coagulation test</i>			
GLUCOSE	++	NIL (<25 mg/dL)	
<i>Glucose oxidase Peroxidase/Benedict's test</i>			
UROBILINOGEN	NIL	NIL	
<i>Diazonium salt</i>			
KETONE	NIL	NIL (<5 mg/dL)	
<i>Sodium nitroprusside/Rothera's test.</i>			
BILIRUBIN	NEGATIVE	NEGATIVE	
<i>Dipstick/Fouchets test</i>			
BILE SALT	NEGATIVE	NEGATIVE	
<i>Hays sulphur powder</i>			
BILE PIGMENT	NEGATIVE	NEGATIVE	
<i>Fouchet test</i>			
NITRITE	NEGATIVE	NEGATIVE	
<i>Sulfanilic acid</i>			
LEUCOCYTE ESTERASE	NEGATIVE	NEGATIVE	



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**MICROSCOPIC EXAMINATION**

PUS CELLS	0-1	0 - 5 /hpf	
EPITHELIAL CELLS	1-2	0 - 5	hpf
RBC	NIL	0 - 5 /hpf	
CAST	NIL	NIL	
<i>Microscopy examination</i>			
CRYSTALS	NIL	NIL	
BACTERIA	ABSENT		
<i>Microscopic examination</i>			
YEAST	ABSENT		
<i>Microscopic examination</i>			
AMORPHOUS DEPOSITS	ABSENT		
<i>Microscopic examination</i>			
MUCUS THREAD	ABSENT		
<i>Microscopic examination</i>			

**NOTE**

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



Dr Neeta Shrivastava  
MBBS, MD, DNB ( Microbiology)



Name	: Mr. ABHAY KUMAR	Age /Sex	: 52Y Y(s)/MALE
Bill No.	: MCB54250102931	UMR No.	: 542501000792

**LABORATORY REPORT : HAEMATOLOGY**

Parameters	Result	Reference Range	Units
<b>CBP(COMPLETE BLOOD PICTURE)</b>			
( Bill Date : 11-Jan-2025 11:00 AM Result ID : RMI250108464)			
R B C COUNT <i>Electrical Impedance</i>	5.28	4.5 - 5.5 $10^{12}/L$	$10^{12}/L$
HEMOGLOBIN <i>Photometric</i>	15.4	13.0 - 17.0	gms/dL
PCV/HCT <i>Calculated</i>	49.2	40 - 50	%
MCV <i>Calculated</i>	93.2	83 - 101	fl
MCH <i>Calculated</i>	29.3	27 - 32	pg
MCHC <i>Calculated</i>	31.4 *	31.5 - 34.5	g/dL
RDW(cv)	14.3 *	11.6 - 14.0 %	%
TLC (TOTAL LEUCOCYTE COUNT) <i>Impedance</i>	10.64 *	4.0 - 10.0	$10^3/\mu l$

**DIFFERENTIAL COUNT**

NEUTROPHILS <i>DHSS/Microscopy</i>	65	40 - 80 %	
LYMPHOCYTES <i>DHSS/Microscopy</i>	27	20 - 40 %	
MONOCYTES <i>DHSS/Microscopy</i>	06	02 - 10 %	
EOSINOPHILS <i>DHSS/Microscopy</i>	02	00 - 06 %	
BASOPHILS <i>DHSS/Microscopy</i>	00	00 - 01 %	
PLATELET COUNT <i>Electrical Impedance</i>	289	150 - 400 $10^3/\mu L$	$10^3/\mu L$

**ESR**

( Bill Date : 11-Jan-2025 11:00 AM Result ID : RMI250108465)

ESR <i>MODIFIED WESTERGREN'S METHOD</i>	08	0 - 10	mm/1st hour
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**MEDICOVER  
HOSPITALS**

## MEDICOVER HOSPITALS

UNIT NO.04,BASEMENT, C/O MEDICOVER  
HOSPITALS,PLOT NO.01,SECTOR  
NO.10,KHARGHAR,PANVEL (RAIGAD ZONE 1  
MAHARASHTRA INDIA 410210, Navimumbai



**Name** : Mr. ABHAY KUMAR  
**Bill No.** : MCB54250102931

**Age /Sex** : 52Y Y(s)/MALE  
**UMR No.** : 542501000792

  
**DR. MEHROTRA VISHAL**  
MD Pathology

Male

52 Years

Rate 68 . Sinus rhythm. . . . . normal P axis, V-rate 50- 99  
ST elev, probable normal early repol pattern. . . . . ST elevation, age<55

PR 154  
QRSD 91  
QT 386  
QTc 411

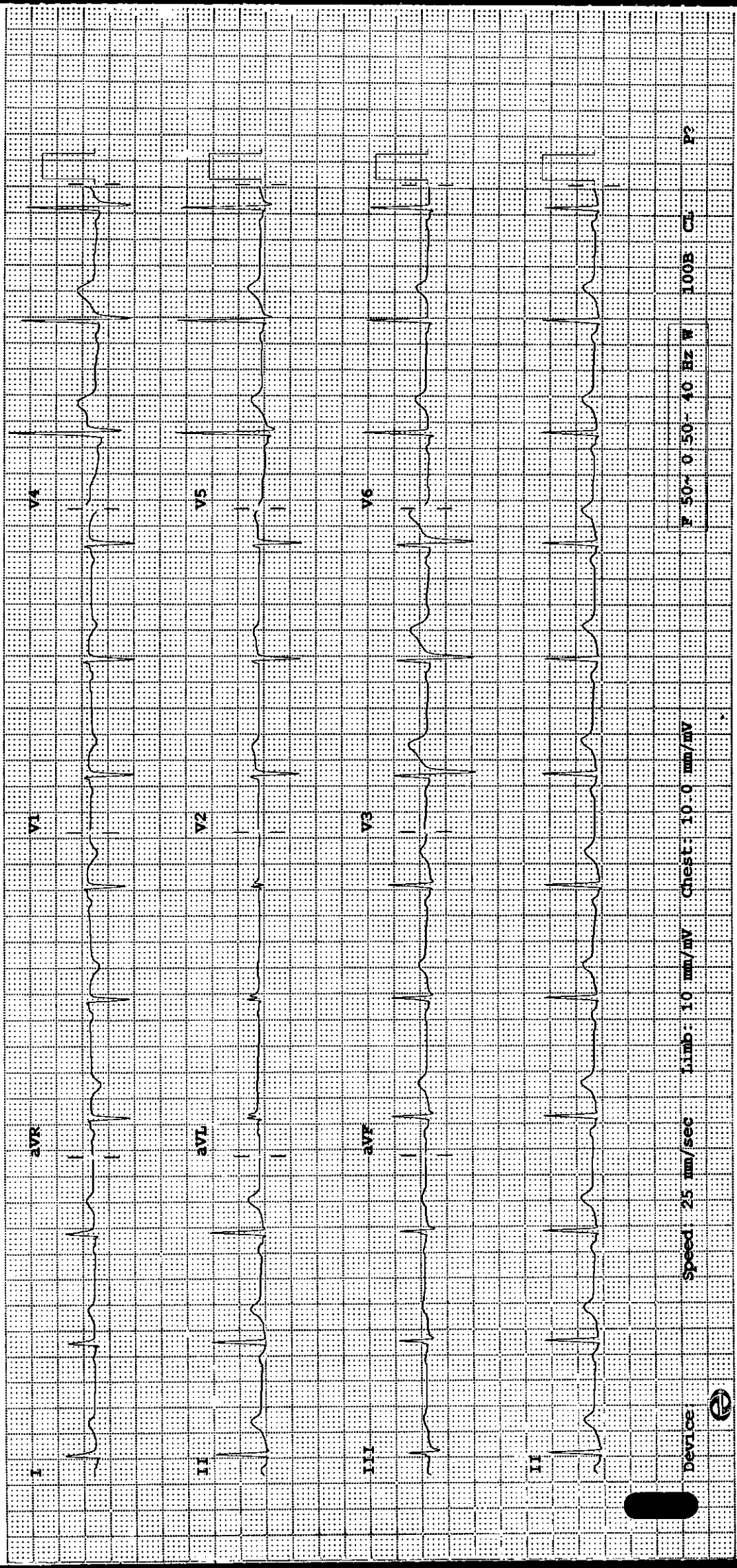
--AXIS--

P 54  
QRS 45  
T 54

12 Lead; Standard Placement

- NORMAL ECG -

Unconfirmed Diagnosis



Speed: 25 mm/sec    Limb: 10 mm/mV    Chest: 10.0 mm/mV    P: 50- 0.50- 40 Hz W    100B CL    P2