

Dr. Vimmi Goel
 Head - Non Invasive Cardiology
 Incharge - Preventive Health Care
 MBBS, MD (Internal Medicine)
 Reg. No: MMC-2014/01/0113
 7499913052

Medi-Wheel

Plot No. 11/11
 Chhindwada.



Name: Mr. Mohammad Washid Khan Date: 23/09/23

Age: 36y Sex: M Weight: 106.4 kg Height: 171.4 Inc BMI: 36.2

BP: 168/106 mmHg Pulse: 68/m bpm RBS: _____ mg/dl

SpO2: 100%

- 36/M
- Obese
- FH - Father HT
- No addictions
- Pre-diabetes
(HbA1c - 5.7)
- LDL - 122
- Fatty Liver

O/E

IVP
 Chn
 In
 PIA | N.

Tmt. deferred due to TT BP.

T. cremonax 10mg if needed

Adv.

- Diet counsel
- Exercise
- weight reduction
- stat
- T. Telma CT 1 → → → → →
(40+12.5) ARF
- T. Atorva 20 → → → → →
(90) 4/D
- BP recording (daily)
- Review 1 mth.

Dr. Vimmi GOEL

Name: Mr. Mohammad Wasliid Khan Date: 23/9/23

Age: 30 Sex: M / F Weight: _____ kg Height: _____ inc BMI: _____

BP: _____ mmHg Pulse: _____ bpm RBS: _____ mg/dl

Routine Dental check up.

PHH - NAD.

O/E.

Caries : $\frac{876}{78}$

Stains +

cal +

Adv : - Restorat : $\frac{76}{7}$
oral prophylaxis.

Dr. Ranjil



**CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF PATHOLOGY**

Patient Name : Mr. MOHAMMAD WASHID KHAN	Age /Gender : 36 Y(S)/Male
Bill No/ UMR No : BL23234042560/UMS2324021406	Referred By : Dr. Vimali Goel MBBS, MD
Received Dt : 23-Sep-23 10:35 am	Report Date : 23-Sep-23 12:51 pm

HAEMOGRAM

Parameter	Specimen	Results	Biological Reference	Method
Hemoglobin	Blood	13.7	13.0 - 17.0 gm%	Photometric
Hematocrit(PCV)		42.8	40.0 - 50.0 %	Calculated
RBC Count		5.79	4.5 - 5.5 Million/Cumm	Photometric
Mean Cell Volume (MCV)		76	83 - 101 fL	Calculated
Mean Cell Hemoglobin (MCH)		23.7	27 - 32 PG	Calculated
Mean Cell Hemoglobin Concentration (MCHC)		31.4	31.5 - 35.0 g/L	Calculated
RDW		18.7	11.5 - 14.0 %	Calculated
Platelet count		226	150 - 450 10 ⁹ /cumm	Impedance
WBC Count		7700	4000 - 11000 cells/cumm	Impedance
DIFFERENTIAL COUNT				
Neutrophils		55.1	50 - 70 %	Flow Cytometry/lyte microscopy
Lymphocytes		37.5	20 - 40 %	Flow Cytometry/lyte microscopy
Eosinophils		2.0	1 - 6 %	Flow Cytometry/lyte microscopy
Monocytes		5.3	2 - 10 %	Flow Cytometry/lyte microscopy
Basophils		0.1	0 - 1 %	Flow Cytometry/lyte microscopy
Absolute Neutrophil Count		4242.7	2000 - 7000 /cumm	Calculated



CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF PATHOLOGY

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Received Dt : 23-Sep-23 10:35 am	Report Date : 23-Sep-23 12:51 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Absolute Lymphocyte Count		2887.5	1000 - 4800 /cumm	Calculated
Absolute Eosinophil Count		154	20 - 500 /cumm	Calculated
Absolute Monocyte Count		408.1	200 - 1000 /cumm	Calculated
Absolute Basophil Count		7.7	0 - 100 /cumm	Calculated
<u>PERIPHERAL SMEAR</u>				
Microcytosis		Microcytosis +(Few)		
Hypochromasia		Hypochromia +(Few)		
WBC		As Above		
Platelets		Adequate		
ESR		02	0 - 15 mm/hr	Automated Westergren's Method
*** End Of Report ***				

Suggested Clinical Correlation * If necessary, Please discuss

Verified By : : 11100499

Test results related only to the item tested.

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Page 2 of 2

Dr. GAURI HARDAS, MBBS,MD
CONSULTANT PATHOLOGIST



CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mr. MOHAMMAD WASHID KHAN	Age /Gender : 36 Y(s)/Male
Bill No/ UMR No : BIL2324042560/UMR2324021406	Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 23-Sep-23 10:34 am	Report Date : 23-Sep-23 11:42 am

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Fasting Plasma Glucose	Plasma	100	< 100 mg/dl	GOD/POD,Colorimetric

GLYCOSYLATED HAEMOGLOBIN (HBA1C)

HbA1c	5.7	Non-Diabetic : <= 5.6 % Pre-Diabetic : 5.7 - 6.4 % Diabetic : >= 6.5 %	HPLC
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*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss

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Dr. GAURI HARDAS, MBBS,MD

SPANV Medicines & Diagnostics Private Limited

44, Parwana Bhawan, Kingsway, Nagpur - 440 001, Maharashtra, India.

Phone : +91 0713 6789100

CIN: U74999MH2018PTC303510



CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mr. MOHAMMAD WASHID KHAN	Age / Gender : 36 Y(s)/Male
Bill No/ UMR No : BIL2324042560/UMR2324021406	Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 23-Sep-23 12:56 pm	Report Date : 23-Sep-23 03:09 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Post Prandial Plasma Glucose	Plasma	85	< 140 mg/dl	GOD/POD, Colorimetric

Interpretation:

Clinical Decision Value as per ADA Guidelines 2021

- Diabetes Mellites If,
- Fasting \geq 126 mg/dl
- Random/2Hrs.OGTT \geq 200 mg/dl
- Impaired Fasting = 100-125 mg/dl
- Impaired Glucose Tolerance = 140-199 mg/dl

*** End Of Report ***

Suggested Clinical Correlation * If neccessary, Please discuss

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Dr. Anuradha Deshmukh, MBBS,MD
CONSULTANT MICROBIOLOGIST



CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mr. MOHAMMAD WASHID KHAN
Age / Gender : 36 Y(s)/Male
Bill No/ UMR No : BIL2324042560/UMR2324021406
Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 23-Sep-23 10:35 am
Report Date : 23-Sep-23 01:18 pm

LIPID PROFILE

Parameter	Specimen	Results	Method
Total Cholesterol	Serum	185	Enzymatic(CHE/CHO/POD)
Triglycerides		144	Enzymatic (Lipase/GK/GPO/POD)
HDL Cholesterol Direct		32	Phosphotungstic acid/mgcl-Enzymatic (microslide)
LDL Cholesterol Direct		122.24	Enzymatic
VLDL Cholesterol		29	Calculated
Tot Choi/HDL Ratio		6	Calculation

Initiate therapeutic	Consider Drug therapy	LDC-C
CHD OR CHD risk equivalent	>100	<100
Multiple major risk factors conferring 10 yrs CHD risk >20%	>130, optional at 100-129	<130
Two or more additional major risk factors, 10 yrs CHD risk <20%	10 yrs risk 10-20 % >130	<130
No additional major risk or one additional major risk factor	10 yrs risk <10% >160 >190, optional at 160-189	<160

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss

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Dr. GAURI HARDAS, MBBS,MD
CONSULTANT PATHOLOGIST



CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mr. MOHAMMAD WASHID KHAN	Age / Gender : 36 Y(s)/Male
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THYROID PROFILE

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
T3	Serum	1.38	0.55 - 1.70 ng/ml	Enhanced chemiluminescence
Free T4		1.23	0.80 - 1.70 ng/dl	Enhanced Chemiluminescence
TSH		1.65	0.50 - 4.80 uIU/ml	Enhanced chemiluminescence

*** End Of Report ***

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Dr. GAURI HARDAS, MBBS,MD
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CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mr. MOHAMMAD WASHID KHAN
Age / Gender : 36 Y(s)/Male
Bill No/ UMR No : BIL2324042560/UMR2324021406
Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 23-Sep-23 10:35 am
Report Date : 23-Sep-23 01:18 pm

LIVER FUNCTION TEST(LFT)

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Total Bilirubin	Serum	0.77	0.2 - 1.3 mg/dl	Azobilirubin/Dyphylline
Direct Bilirubin		0.27	0.1 - 0.3 mg/dl	Calculated
Indirect Bilirubin		0.50	0.1 - 1.1 mg/dl	Calculated
Alkaline Phosphatase		86	38 - 126 U/L	Dual wavelength spectrophotometric
SGPT/ALT		30	10 - 40 U/L	pNPP/AMP buffer
SGOT/AST		30	15 - 40 U/L	Kinetic with pyridoxal 5 phosphate
Serum Total Protein		7.38	6.3 - 8.2 gm/dl	Kinetic with pyridoxal 5 phosphate
Albumin Serum		4.52	3.5 - 5.0 gm/dl	Biuret (Alkaline cupric sulphate)
Globulin		2.85	2.0 - 4.0 gm/dl	Bromocresol green Dye Binding
A/G Ratio		1.59		Calculated

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss

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Dr. GAURI HARDAS, MBBS,MD
CONSULTANT PATHOLOGIST



CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mr. MOHAMMAD WASHID KHAN
Age / Gender : 36 Y(s)/Male
Bill No/ UMR No : BIL2324042560/UMR.2324021406
Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 23-Sep-23 10:35 am
Report Date : 23-Sep-23 01:18 pm

RFT

Parameter	Specimen	Result Values	Biological Reference	Method
Blood Urea	Serum	25	19.0 - 43.0 mg/dl	Urease with indicator dye
Creatinine		0.94	0.66 - 1.25 mg/dl	Enzymatic (creatinine amidohydrolase)
GFR		107.7		Calculation by CKD-EPI 2021
Sodium		141	136 - 145 mmol/L	Direct ion selective electrode
Potassium		4.59	3.5 - 5.1 mmol/L	Direct ion selective electrode

*** End Of Report ***

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Dr. GAURI HARDAS, MBBS,MD
CONSULTANT PATHOLOGIST



**CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF PATHOLOGY**

Patient Name : Mr. MOHAMMAD WASHID KHAN	Age / Gender : 36 Y(s)/Male
Bill No/ UMR No : BIL2324042560/UMR2324021406	Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 23-Sep-23 11:01 am	Report Date : 23-Sep-23 11:42 am

Parameter	Specimen	Results	Method
URINE MICROSCOPY			
<u>PHYSICAL EXAMINATION</u>			
Volume	Urine	30 ml	
Colour.		Pale yellow	
Appearance		Clear	
<u>CHEMICAL EXAMINATION</u>			
Reaction (pH)	Urine	7.0	4.6 - 8.0
Specific gravity		1.010	1.005 - 1.025
Urine Protein		Negative	Indicators ion concentration protein error of pH indicator GOD/POD
Sugar		Negative	Diazonium
Bilirubin		Negative	Legal's est Principle
Ketone Bodies		Negative	
Nitrate		Negative	
Urobilinogen		Normal	Ehrlich's Reaction
<u>MICROSCOPIC EXAMINATION</u>			
Epithelial Cells	Urine	0-1	0 - 4 /hpf
R.B.C.		Absent	0 - 4 /hpf
Pus Cells		0-1	0 - 4 /hpf
Casts		Absent	Manual
Crystals		Absent	Manual

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss

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Dr. GAURI HARDAS, MBBS,MD

SPANV CONDUCTANT PATHOLOGY Private Limited

44, Parwana Bhawan, Kingsway, Nagpur - 440 001, Maharashtra, India

Phone: +91-0742-6789100

CIN: U74999MH2018PTC303510

**CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF PATHOLOGY**

Patient Name : Mr. MOHAMMAD WASHID KHAN	Age / Gender : 36 Y(s)/Male
Bill No/ UMR No : BIL2324042560/UMR2324021406	Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 23-Sep-23 11:01 am	Report Date : 23-Sep-23 11:42 am

USF(URINE SUGAR FASTING)

<u>Parameter</u>	<u>Specimen</u>	<u>Result Values</u>	<u>Biological Reference</u>	<u>Method</u>
Urine Glucose	Urine	Negative		GOD/POD
*** End Of Report ***				

Suggested Clinical Correlation * If necessary, Please discuss

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Dr. GAURI HARDAS, MBBS,MD
CONSULTANT PATHOLOGIST



CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mr. MOHAMMAD WASHID KHAN	Age / Gender : 36 Y(s)/Male
Bill No/ UMR No : BIL2324042560/UMR2324021406	Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 23-Sep-23 01:15 pm	Report Date : 23-Sep-23 01:49 pm

URINE SUGAR

ftz

Parameter
Urine Glucose

Result Values

Negative

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss

Verified By : : 11100731

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Dr. Anuradha Deshmukh, MBBS,MD
CONSULTANT MICROBIOLOGIST



CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BLOOD BANK

Patient Name : Mr. MOHAMMAD WASHID KHAN	Age / Gender : 36 Y(s)/Male
Bill No/ UMR No : BIL2324042560/UMR2324021406	Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 23-Sep-23 10:35 am	Report Date : 23-Sep-23 12:51 pm

Parameter

Specimen

Results

BLOOD GROUPING AND RH

BLOOD GROUP.

EDTA Whole
Blood &
Plasma/
Serum

* O *

Gel Card Method

Rh (D) Typing.

* Positive *(+Ve)

*** End Of Report ***

iplu

DEPARTMENT OF RADIOLOGY & IMAGING SCIENCE

NAME	MUHAMMAD WASHID KHAN	STUDY DATE	23-09-2023 11:34:06
AGE/ SEX	36Y 2M 7D / M	HOSPITAL NO.	UMR2324021406
ACCESSION NO.	BBE2324042560-8	MODALITY	DX
REPORTED ON	23-09-2023 12:43	REFERRED BY	Dr. Vinmit Goel

X-RAY CHEST PA VIEW

Both the lung fields are clear.

Heart and Aorta are normal.

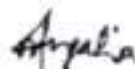
Both hilar shadows appear normal.

Diaphragm domes and CP angles are clear.

Bony cage is normal.

IMPRESSION:

No pleuro-parenchymal abnormality seen.



DR NAVEEN PUGALIA

MBBS, MD [076125]

SFRR CONSULTANT RADIOLOGIST.

PATIENT NAME:	MR. MOHD. WASHID KHAN	AGE /SEX:	36 YRS/M
UMR NO:	2324021406	BILL NO:	2324042560
REF BY:	DR. VIMMI GOEL	DATE:	23/09/2023

USG WHOLE ABDOMEN

LIVER is normal in size and **shows raised echotexture.**

No evidence of any focal lesion seen. Intrahepatic biliary radicals are not dilated.

PORTAL VEIN and CBD are normal in course and caliber.

GALL BLADDER is collapsed.

PANCREAS is normal in shape, size and echotexture.

SPLEEN is normal in shape, size and echotexture. No focal lesion seen.

Right kidney measures 11.1 x 6.0 cm. Left kidney measures 9.5 x 5.2cm.

Both KIDNEYS are normal in shape, size and echotexture.

No evidence of calculus or hydronephrosis seen.

URETERS are not dilated.

BLADDER is partially distended. No calculus or mass lesion seen.

Prostate is normal in size, shape and echotexture.

There is no free fluid or abdominal lymphadenopathy seen.

IMPRESSION -

Grade I fatty liver.

No other significant abnormality seen.

Suggest clinical correlation / further evaluation.

**DR. ANIKET KUSRAM****MBBS, MD, DNB (Radio-diagnosis)****Reg no: 2017094427**

2D ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT

Patient Name : Mr. Mohammad Washid Khan
 Age : 36 years / Male
 UHID : UMR2324021406
 Date : 22/09/2023
 Done by : Dr. Vimmi Goel
 ECG : NSR, Minor ST-T changes
 Blood pressure: 168/106 mm Hg (Right arm, Supine position)
 BSA : 2.24 m²

Impression:

Normal LV dimensions
LA is enlarged
No RWMA of LV at rest
Good LV systolic function, LVEF 69%
Normal LV diastolic function
E/A is 2.4
E/E' is 9.7 (Borderline filling pressure)
Valves are normal
No pulmonary hypertension
IVC is normal in size and collapsing well with respiration
No clots or pericardial effusion
No evidence of coarctation of aorta

Comments:

Sector echocardiography was performed in various conventional views (PLAX, SSAX, AP4 CH and 5 CH views). LV size normal. LA is enlarged. There is no RWMA of LV seen at rest. Good LV systolic function. LVEF 69%. Normal LV diastolic function. E Velocity is 108 cm/s, A Velocity is 44 cm/s. E/A is 2.4. Valves are normal. No Pulmonary Hypertension. IVC normal in size and collapsing well with respiration. Pericardium is normal. No clots or pericardial effusion seen. E' at medial mitral annulus is 9.3 cm/sec & at lateral mitral annulus is 13.9 cm/sec. E/E' is 9.7 (Borderline filling pressure).

M Mode echocardiography and dimension:

	Normal range (mm)		Observed (mm)
	(adults)	(children)	
Left atrium	19-40	7-37	41
Aortic root	20-37	7-28	28
LVIDd	35-55	8-47	51
LVIDs	23-39	6-28	31
IVS (d)	6-11	4-8	09
LVPW (d)	6-11	4-8	10
LVEF %	~ 60%	~60%	69%
Fractional Shortening			39%

P.T.O


Dr. Vimmi Goel
MD, Sr. Consultant
Non-Invasive Cardiology

36 Years

MR MOHAMMAD KHAN

Male

23-Sep-23 1:14:34 PM
KING-KINGOMAT HOSPITALS

PAC DEPT.

Rate 65 Sinus rhythm.....normal P axis, V-rate 50-99
 PR 133 Borderline left axis deviation.....QRS axis (-15,-29)
 QRS 93 Low voltage, precordial leads.....precordial leads <1.0mV
 QT 403 Borderline T abnormalities, diffuse leads.....T flat/neg
 QTc 419 Baseline wander in lead(s) V1,V2,V3

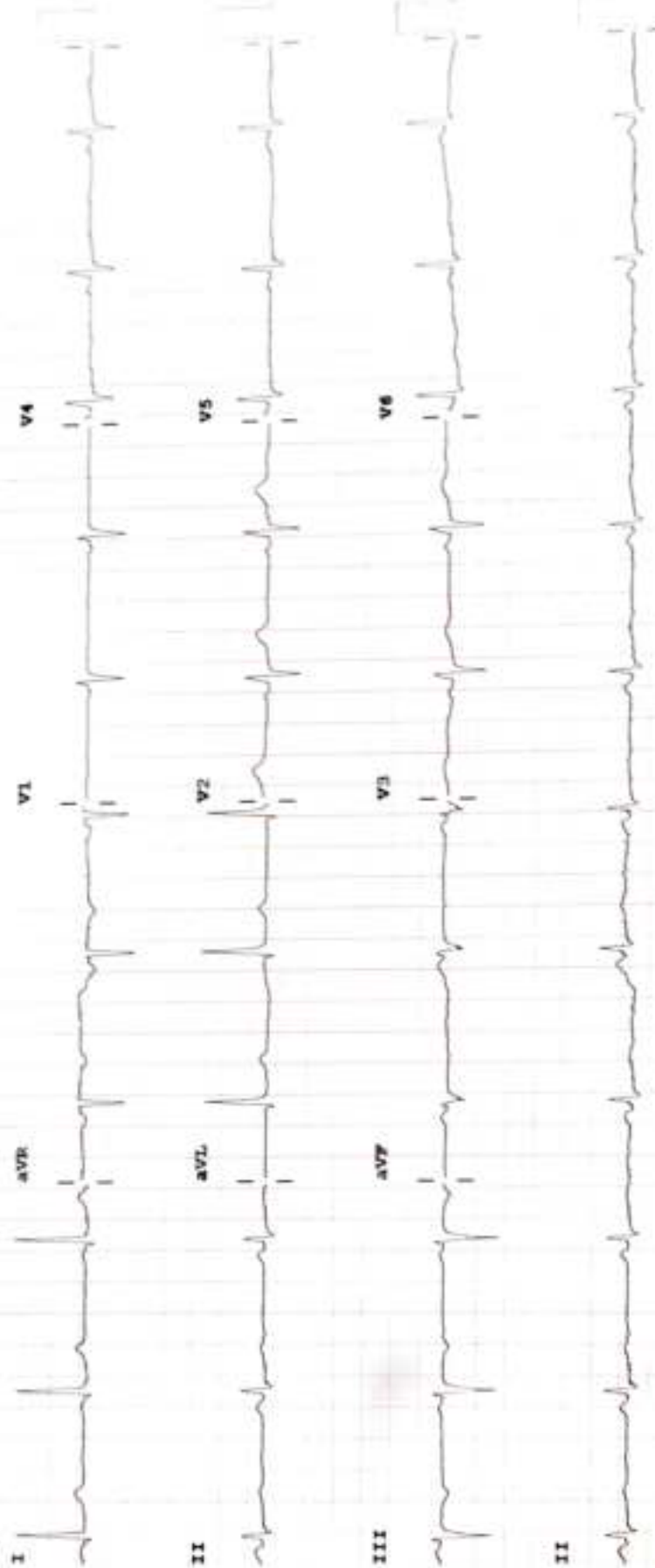
--AXIS--

P 59
 QRS -18
 T -6

12 Lead; Standard Placement

- BORDERLINE ECG -

Unconfirmed Diagnosis



Device:

Speed: 25 mm/sec

Limb: 10 mm/mV

Chest: 10.0 mm/mV

F 50- 0.50-150 Hz W

100B CL

P7