Dr. Vimmi Goel
MBBS, MD (Internal Medicine)
Sr. Consultant Non Invasive Cardiology
Reg. No: MMC- 2014/01/0113

Preventive Health Check up
KIMS Kingsway Hospitals
Nagpur
Phone No.: 7499913052

Medi-Wheel. R/o → Hinganghat

KIMS-KINGSWAY HOSPITALS

Name : Mr. Sagar Petar. Date : 13/01/24

Age : 41y Sex : (M)/F Weight : 76.4 kg Height : 170.3 inc BMI : 26.3

BP : 150/100 mmHg Pulse : 100 bpm RBS : mg/dl

SpO2 - 98%

41/M

. Syst. HT (Metosartan 50 OD)

. Smoker 2 ciggs/d

. Alcohol - 90 ml/d.

. FH - DM + (Elder Brother)

. NIDDM (new)
FBS - 259
PMBS - 362
HbA1C - 9.7.

. Dyslipidemia
TG - 214
LDL - 129

. Fatty Liver

. 2D - Mild LVH

. ECG - T ↓

. Hb - 17.7
O/E

Jvp°

Chest
Lungs
P/A / N.

STOP SMOKING & ALCOHOL

Adv.

. Dietician Referral

. TMT (after BP control)

1. T. Gemer - 1 (Before meals) 1 — ✕ — 1

2. T. Metosartan 50 ✕ — ✕ — 1 A/D

3. T. Amloz 5 1 — ✕ — ✕ ABF

4. T. Roseday F ✕ — — 1 (90) A/D

5. ~~Cap~~ T. Etospasm 75 ✕ — 1 — ✕ A/L

. RIA 15d ē f/u PMBS

Diet, walking.

Dr. VIMMI GOEL
MBBS, MD
Consultant - Non Invasive Cardiology
Reg. No. MMC-2014/01/0113

KIMS-KINGSWAY HOSPITALS

CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF PATHOLOGY

Patient Name	: Mr. SAGAR RETAR	**Age /Gender**	: 41 Y(s)/Male
Bill No/ UMR No	: BIL2324069414/UMR2324033712	**Referred By**	: Dr. Vimmi Goel MBBS,MD
Received Dt	: 13-Jan-24 08:23 am	**Report Date**	: 13-Jan-24 10:32 am

HAEMOGRAM

Parameter	Specimen	Results	Biological Reference	Method
Haemoglobin	Blood	**17.7**	13.0 - 17.0 gm%	Photometric
Haematocrit(PCV)		**52.1**	40.0 - 50.0 %	Calculated
RBC Count		**5.97**	4.5 - 5.5 Millions/cumm	Photometric
Mean Cell Volume (MCV)		87	83 - 101 fl	Calculated
Mean Cell Haemoglobin (MCH)		29.7	27 - 32 pg	Calculated
Mean Cell Haemoglobin Concentration (MCHC)		34.0	31.5 - 35.0 g/l	Calculated
RDW		**15.0**	11.5 - 14.0 %	Calculated
Platelet count		285	150 - 450 10^3/cumm	Impedance
WBC Count		8700	4000 - 11000 cells/cumm	Impedance
DIFFERENTIAL COUNT				
Neutrophils		58.2	50 - 70 %	Flow Cytometry/Light microscopy
Lymphocytes		34.7	20 - 40 %	Flow Cytometry/Light microscopy
Eosinophils		2.0	1 - 6 %	Flow Cytometry/Light microscopy
Monocytes		5.1	2 - 10 %	Flow Cytometry/Light microscopy
Basophils		0.0	0 - 1 %	Flow Cytometry/Light microscopy
Absolute Neutrophil Count		5063.4	2000 - 7000 /cumm	Calculated

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KIMS-KINGSWAY HOSPITALS

CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF PATHOLOGY

Patient Name	: Mr. SAGAR RETAR	**Age /Gender**	: 41 Y(s)/Male
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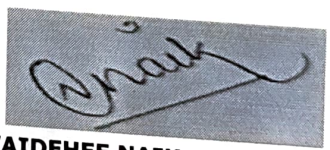
Parameter	Specimen	Results	Biological Reference	Method
Absolute Lymphocyte Count		3018.9	1000 - 4800 /cumm	Calculated
Absolute Eosinophil Count		174	20 - 500 /cumm	Calculated
Absolute Monocyte Count		443.7	200 - 1000 /cumm	Calculated
Absolute Basophil Count		0	0 - 100 /cumm	Calculated
PERIPHERAL SMEAR				
RBC		Normochromic Normocytic		
Anisocytosis		Anisocytosis +(Few)		
WBC		As Above		
Platelets		Adequate		
E S R		02	0 - 15 mm/hr	Automated Westergren's Method

*** End Of Report ***

Suggested Clinical Correlation * If neccessary, Please discuss

Verified By : : 11100245

Test results related only to the item tested.



Dr. VAIDEHEE NAIK, MBBS,MD

CONSULTANT PATHOLOGIST

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KIMS-KINGSWAY HOSPITALS

CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BIOCHEMISTRY

Patient Name	: Mr. SAGAR RETAR	**Age /Gender**	:41 Y(s)/Male
Bill No/ UMR No	: BIL2324069414/UMR2324033712	**Referred By**	:Dr. Vimmi Goel MBBS,MD
Received Dt	: 13-Jan-24 08:22 am	**Report Date**	:13-Jan-24 10:11 am

Parameter	Specimen	Results	Biological Reference	Method
Fasting Plasma Glucose	Plasma	259	< 100 mg/dl	GOD/POD,Colorimetric
Post Prandial Plasma Glucose		362	< 140 mg/dl	GOD/POD, Colorimetric
GLYCOSYLATED HAEMOGLOBIN (HBA1C)				
HbA1c		9.7	Non-Diabetic : <= 5.6 % Pre-Diabetic : 5.7 - 6.4 % Diabetic : >= 6.5 %	HPLC

*** End Of Report ***

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KIMS-KINGSWAY HOSPITALS

CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BIOCHEMISTRY

Patient Name	: Mr. SAGAR RETAR	**Age /Gender**	: 41 Y(s)/Male
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Received Dt	: 13-Jan-24 08:23 am	**Report Date**	: 13-Jan-24 10:11 am

LIPID PROFILE

Parameter	Specimen	Results		Method
Total Cholesterol	Serum	**208**	< 200 mg/dl	Enzymatic(CHE/CHO/POD)
Triglycerides		**214**	< 150 mg/dl	Enzymatic (Lipase/GK/GPO/POD)
HDL Cholesterol Direct		47	> 40 mg/dl	Phosphotungstic acid/mgcl-Enzymatic (microslide)
LDL Cholesterol Direct		**129.87**	< 100 mg/dl	Enzymatic
VLDL Cholesterol		**43**	< 30 mg/dl	Calculated
Tot Chol/HDL Ratio		4	3 - 5	Calculation

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

*** End Of Report ***

Suggested Clinical Correlation * If neccessary, Please discuss

Verified By : : 11100026

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Dr. VAIDEHEE NAIK, MBBS,MD

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KIMS-KINGSWAY HOSPITALS

CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BIOCHEMISTRY

Patient Name	: Mr. SAGAR RETAR	**Age /Gender**	: 41 Y(s)/Male
Bill No/ UMR No	: BIL2324069414/UMR2324033712	**Referred By**	: Dr. Vimmi Goel MBBS,MD
Received Dt	: 13-Jan-24 08:23 am	**Report Date**	: 13-Jan-24 10:11 am

Parameter	Specimen	Results	Biological Reference	Method
THYROID PROFILE				
T3	Serum	1.41	0.55 - 1.70 ng/ml	Enhanced chemiluminescence
Free T4		**1.73**	0.80 - 1.70 ng/dl	Enhanced Chemiluminescence
TSH		1.90	0.50 - 4.80 uIU/ml	Enhanced chemiluminescence
PSA (Total)		0.337	< 4 ng/ml	Enhanced chemiluminenscence

*** End Of Report ***

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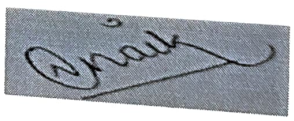

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KIMS-KINGSWAY HOSPITALS

CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BIOCHEMISTRY

Patient Name	: Mr. SAGAR RETAR	**Age /Gender**	: 41 Y(s)/Male
Bill No/ UMR No	: BIL2324069414/UMR2324033712	**Referred By**	: Dr. Vimmi Goel MBBS,MD
Received Dt	: 13-Jan-24 08:23 am	**Report Date**	: 13-Jan-24 10:11 am

Parameter	Specimen	Results	Biological Reference	Method
LIVER FUNCTION TEST(LFT)				
Total Bilirubin	Serum	0.96	0.2 - 1.3 mg/dl	Azobilirubin/Dyphylline
Direct Bilirubin		**0.61**	0.1 - 0.3 mg/dl	Calculated
Indirect Bilirubin		0.35	0.1 - 1.1 mg/dl	Duel wavelength spectrophotometric
Alkaline Phosphatase		**191**	38 - 126 U/L	pNPP/AMP buffer
SGPT/ALT		24	10 - 40 U/L	Kinetic with pyridoxal 5 phosphate
SGOT/AST		33	15 - 40 U/L	Kinetic with pyridoxal 5 phosphate
Serum Total Protein		**8.51**	6.3 - 8.2 gm/dl	Biuret (Alkaline cupric sulphate)
Albumin Serum		4.74	3.5 - 5.0 gm/dl	Bromocresol green Dye Binding
Globulin		3.77	2.0 - 4.0 gm/dl	Calculated
A/G Ratio		1.26		
URINE SUGAR				
Urine Glucose		4+ (Approx 1000mg/dl)		

*** End Of Report ***

Suggested Clinical Correlation * If neccessary, Please discuss

Verified By : : 11100400

Test results related only to the item tested.

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CONSULTANT PATHOLOGIST

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KIMS-KINGSWAY HOSPITALS

CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BIOCHEMISTRY

Patient Name	: Mr. SAGAR RETAR	**Age /Gender**	: 41 Y(s)/Male
Bill No/ UMR No	: BIL2324069414/UMR2324033712	**Referred By**	: Dr. Vimmi Goel MBBS,MD
Received Dt	: 13-Jan-24 08:23 am	**Report Date**	: 13-Jan-24 10:11 am

RFT

Parameter	Specimen	Result Values	Biological Reference	Method
Blood Urea	Serum	**14**	19.0 - 43.0 mg/dl	Urease with indicator dye
Creatinine		**0.56**	0.66 - 1.25 mg/dl	Enzymatic (creatinine amidohydrolase)
GFR		127.0	>90 mL/min/1.73m square.	Calculation by CKD-EPI 2021
Sodium		**133**	136 - 145 mmol/L	Direct ion selective electrode
Potassium		**5.23**	3.5 - 5.1 mmol/L	Direct ion selective electrode

*** End Of Report ***

Suggested Clinical Correlation * If neccessary, Please discuss

Verified By : : 11100026

Test results related only to the item tested.

Dr. VAIDEHEE NAIK, MBBS,MD

CONSULTANT PATHOLOGIST

KIMS-KINGSWAY HOSPITALS

CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF PATHOLOGY

Patient Name	: Mr. SAGAR RETAR	**Age /Gender**	: 41 Y(s)/Male
Bill No/ UMR No	: BIL2324069414/UMR2324033712	**Referred By**	: Dr. Vimmi Goel MBBS,MD
Received Dt	: 13-Jan-24 08:32 am	**Report Date**	: 13-Jan-24 12:49 pm

URINE MICROSCOPY

Parameter	Specimen	Results		Method
PHYSICAL EXAMINATION				
Volume	Urine	30 ml		
Colour.		Pale yellow		
Appearance		Clear	Clear	
CHEMICAL EXAMINATION				
Reaction (pH)		6.5	4.6 - 8.0	Indicators
Specific gravity		1.010	1.005 - 1.025	ion concentration
Urine Protein		Negative	Negative	protein error of pH indicator
Sugar		4+ (Approx 1000mg/dl)	Negative	GOD/POD
Bilirubin		Negative	Negative	Diazonium
Ketone Bodies		Negative	Negative	Legal's est Principle
Nitrate		Negative	Negative	
Urobilinogen		Normal	Normal	Ehrlich's Reaction
MICROSCOPIC EXAMINATION				
Epithelial Cells		2-4	0 - 4 /hpf	Manual
R.B.C.		Absent	0 - 4 /hpf	
Pus Cells		0-1	0 - 4 /hpf	

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KIMS-KINGSWAY HOSPITALS

CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF PATHOLOGY

Patient Name	: Mr. SAGAR RETAR	**Age /Gender**	: 41 Y(s)/Male
Bill No/ UMR No	: BIL2324069414/UMR2324033712	**Referred By**	: Dr. Vimmi Goel MBBS,MD
Received Dt	: 13-Jan-24 08:32 am	**Report Date**	: 13-Jan-24 12:49 pm

Parameter	Specimen	Results	Method
Casts		Absent	
Crystals		Absent	Absent

*** End Of Report ***

Suggested Clinical Correlation * If neccessary, Please discuss

Verified By : : 11100400

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Dr. VAIDEHEE NAIK, MBBS,MD
CONSULTANT PATHOLOGIST

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KIMS-KINGSWAY HOSPITALS

CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF IMMUNO HAEMATOLOGY

Patient Name	: Mr. SAGAR RETAR	**Age /Gender**	: 41 Y(s)/Male
Bill No/ UMR No	: BIL2324069414/UMR2324033712	**Referred By**	: Dr. Vimmi Goel MBBS,MD
Received Dt	: 13-Jan-24 08:23 am	**Report Date**	: 13-Jan-24 11:15 am

BLOOD GROUPING AND RH

Parameter	Specimen	Results	
BLOOD GROUP.	EDTA Whole Blood & Plasma/ Serum	" O "	Gel Card Method
Rh (D) Typing.		" Positive "(+Ve)	

*** End Of Report ***

Suggested Clinical Correlation * If neccessary, Please discuss

Verified By : : 11100245

Test results related only to the item tested.

Dr. VAIDEHEE NAIK, MBBS,MD

CONSULTANT PATHOLOGIST

KIMS-KINGSWAY HOSPITALS

DEPARTMENT OF RADIOLOGY & IMAGING SCIENCE

NAME	SAGAR RETAR	STUDY DATE	13-01-2024 09:23:09
AGE/ SEX	41Y / M	HOSPITAL NO.	UMR2324033712
ACCESSION NO.	BIL2324069414-17	MODALITY	DX
REPORTED ON	13-01-2024 12:22	REFERRED BY	Dr. Vimmi 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 R.R KHANDELWAL

SENIOR CONSULTANT

MD, RADIODIAGNOSIS [MMC-55870]

N.B : This is only a professional opinion and not the final diagnosis. Radiological investigations are subject to variations due to technical limitations. Hence, correlation with clinical findings and other investigations should be carried out to know true nature of illness.

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KIMS-KINGSWAY HOSPITALS

PATIENT NAME:	MR. SAGAR RETAR	AGE /SEX:	41Y/M
UMR NO:	2324033712	BILL NO:	2324069414
REF BY	DR. VIMMI GOEL	DATE:	13/01/2024

USG WHOLE ABDOMEN

LIVER is normal in size, shape and shows mild increase in echotexture.
No evidence of any focal lesion seen. Intrahepatic billiary radicals are not dilated.
PORTAL VEIN and CBD are normal in course and callber.

GALL BLADDER is physiologically distended. No sludge or calculus seen.
Wall thickness is within normal limits.

PANCREAS is normal in shape, size and echotexture.

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

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:

- **Mild hepatic fatty infiltration.**
- **No other significant abnormality seen.**

Suggest clinical correlation / further evaluation.

DR. R.R. KHANDELWAL
SENIOR CONSULTANT
MD RADIO DIAGNOSIS [MMC-55870]

KIMS-KINGSWAY HOSPITALS

2D ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT

Patient Name : Mr. Sagar Retar
Age : 41 years / Male
UMR : UMR2324033712
Date : 13/01/2024
Done by : Dr. Vimmi Goel
ECG : NSR, Minor ST-T changes
Blood pressure: 150/100 mm Hg (Right arm, Supine position)
BSA : 1.99 m^2

Impression: Hypertensive Heart Disease

Normal chambers dimensions
Mild left ventricular hypertrophy
No RWMA of LV at rest
Good LV systolic function, LVEF 70%
LV diastolic dysfunction, Grade I (E<A)
E/A is 0.7
E/E' is 7.1 (Normal filling pressure)
Valves are normal
No pulmonary hypertension
IVC is normal in size and collapsing well with respiration
No clots or pericardial effusion

Comments:
Sector echocardiography was performed in various conventional views (PLAX, SSAX, AP4 CH and 5 CH views). LV size normal. Mild left ventricular hypertrophy. There is no RWMA of LV seen at rest. Good LV systolic function. LVEF 70%. LV diastolic dysfunction, Grade I (E<A). E Velocity is 57 cm/s, A Velocity is 73 cm/s. E/A is 0.7. 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 6.4 cm/sec & at lateral mitral annulus is 10.6 cm/sec.
E/E' is 7.1 (Average).

M Mode echocardiography and dimension:

	Normal range (mm) (adults)	(children)	Observed (mm)
Left atrium	19-40	7-37	37
Aortic root	20-37	7-28	30
LVIDd	35-55	8-47	40
LVIDs	23-39	6-28	29
IVS (d)	6-11	4-8	12
LVPW (d)	6-11	4-8	12
LVEF %	~ 60%	~60%	70%
Fractional Shortening			40%

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

P.T.O

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MR. SAGAR RETAR
Male

41 Years

13-Jan-24 8:47:58 AM

KIMS-KINGSWAY HOSPITALS

PHC DEPT.

Rate	78	. Sinus rhythm.....normal P axis, V-rate 50- 99
		. Borderline low voltage, extremity leads.....all extremity leads <0.6mV
PR	157	. Abnormal R-wave progression, early transition.....QRS area>0 in V2
QRSD	105	. Abnormal T, consider ischemia, lateral leads.....T <-0.20mV, I aVL V5 V6
QT	380	
QTc	433	

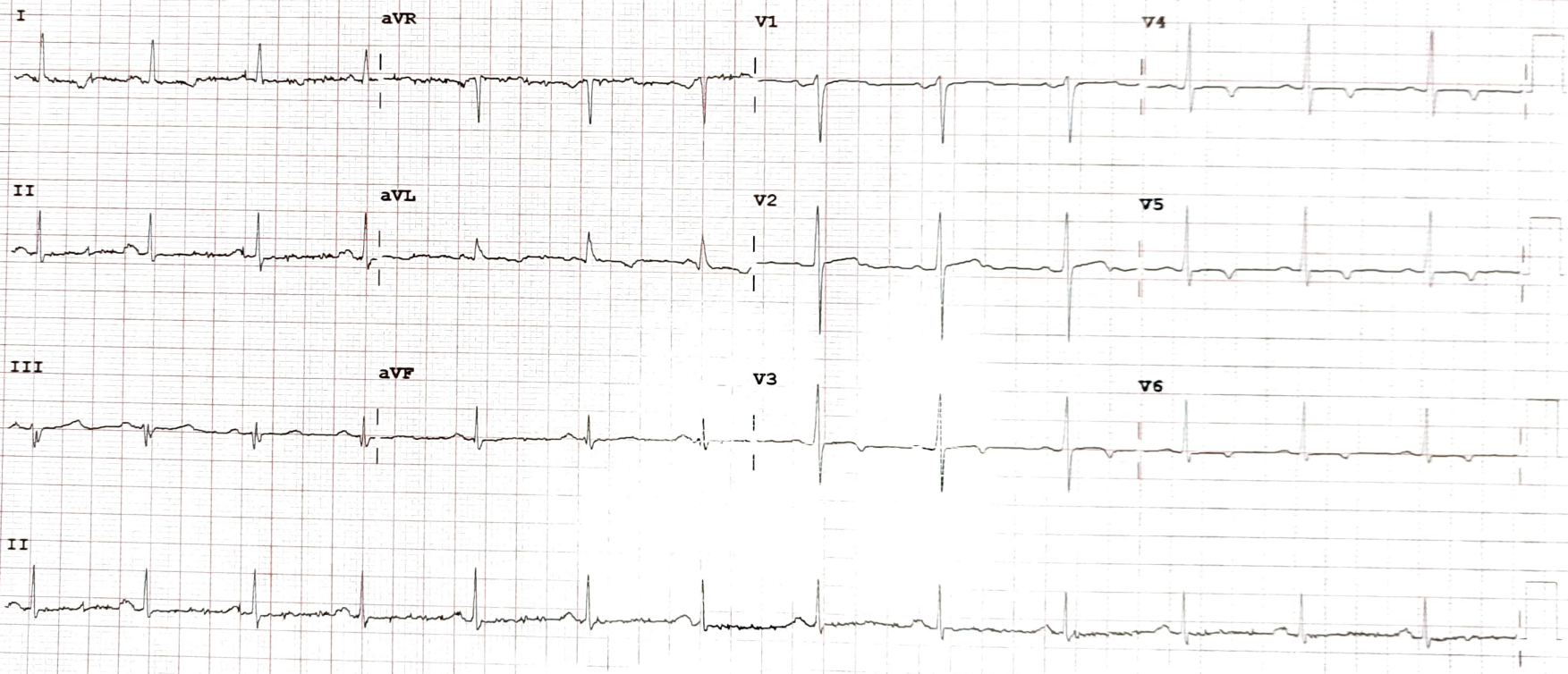
--AXIS--

P	36
QRS	-2
T	139

- ABNORMAL ECG -

12 Lead; Standard Placement

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 P?

PHILIPS

REORDER # M2483A