

Dr. Vimmi Goel

MBBS, MD (Internal Medicine)

Sr. Consultant Non Invasive Cardiology

Reg. No: MMC-2014/01/0113



Name: Mrs. Renu Prasad Date: 26/11/22

Age: 42y Sex: M/F Weight: 58.7 kg Height: 1.52.4 inc BMI: 25.3

BP: 140/80 mmHg Pulse: 72 bpm RBS: \_\_\_\_\_ mg/dl

SpO<sub>2</sub>: 99%

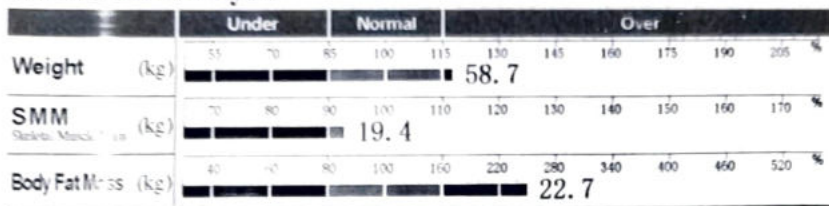
LMP: 24/11/22

ID	Height	Age	Gender	Test Date / Time
120791	152.4cm	42	Female	26.11.2022 12:25

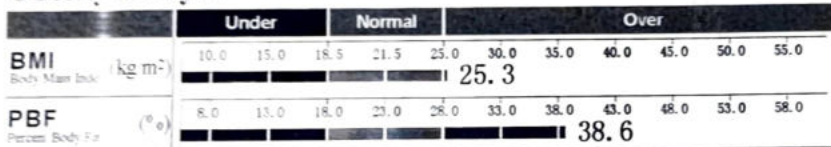
## Body Composition Analysis

Total amount of water in my body	<b>Total Body Water</b> (L)	26.4	(25.5~31.1)
What I need to build muscles	<b>Protein</b> (kg)	7.1	(6.8~8.4)
What I need for strong bones	<b>Mineral</b> (kg)	2.54	(2.35~2.87)
Where my excess energy is stored	<b>Body Fat Mass</b> (kg)	22.7	(10.0~16.0)
Sum of the above	<b>Weight</b> (kg)	58.7	(42.4~57.4)

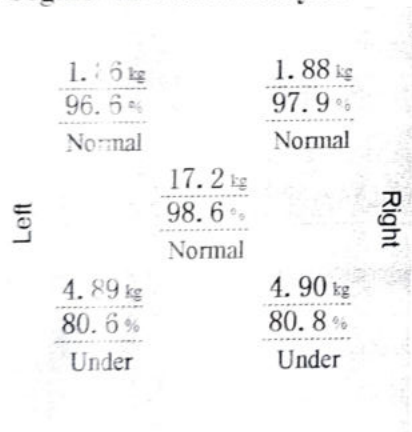
## Muscle-Fat Analysis



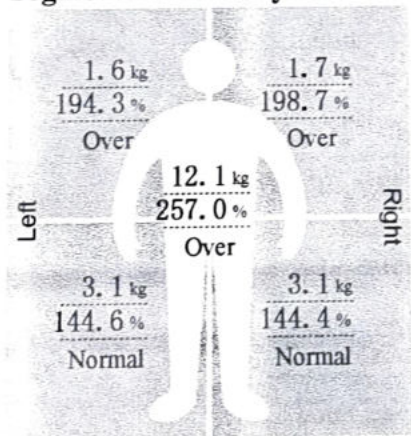
## Obesity Analysis



## Segmental Lean Analysis



## Segmental Fat Analysis



\* Segmental fat is estimated

## Body Composition History

	Weight (kg)	SMM (kg)	PBF (%)
Recent	58.7	19.4	38.6
Total			

## InBody Score

66 / 100 Points

\* Total score that reflects the evaluation of body composition. A muscular person can reach 100 points

## Weight Control

Target Weight	49.9 kg
Weight Control	-8.8 kg
Fat Control	-11.2 kg
Muscle Control	+2.4 kg

## Obesity Evaluation

BMI	<input type="checkbox"/> Normal	<input type="checkbox"/> Under	<input checked="" type="checkbox"/> Slightly Over	<input type="checkbox"/> Over
PBF	<input type="checkbox"/> Normal	<input type="checkbox"/> Slightly Over	<input checked="" type="checkbox"/> Over	<input type="checkbox"/> Very Over

## Waist-Hip Ratio



## Visceral Fat Level



## Research Parameters

Fat Free Mass	36.0 kg
Basal Metabolic Rate	1148 kcal/day
Obesity Degree	118%
SMI	5.8 kg/m <sup>2</sup>
Recommended calorie intake	1418 kcal/day

## Calorie Expenditure of Exercise

Golf	103	Gateball	103
Walking	117	Yoga	117
Badminton	133	Table Tennis	133
Tennis	176	Bicycling	176
Boxing	176	Basketball	176
Mountain Climbing	191	Jumping Rope	191
Aerobics	205	Jogging	205
Soccer	205	Swimming	205
Japanese Fencing	294	Racketball	294
Squash	294	Taekwondo	294

\*Based on your current weight  
\*Based on 30 minute duration

## Impedance

	RA	LA	TR	RL
Z(Ω) 20 kHz	369.2	377.3	27.4	321.1
100 kHz	340.2	342.2	24.5	287.1

Name : Ms Renu Basad. DOB : \_\_\_\_\_ Date : 26/11/2022  
 Age : 42y Sex : M/F  Weight : \_\_\_\_\_ kg Height : \_\_\_\_\_ in BMI : \_\_\_\_\_  
 BP : \_\_\_\_\_ mmHg Pulse : \_\_\_\_\_ bpm

CMP - 24/11/22

M/H - neg 2-3d/28 days

O/H → f, L, P<sub>1</sub> - LSCB gys bach (A & H)

P/H → KETO hypothyroidism on Tab Thyronine 75mcg OD

S/H → LSCB gys bach

O/E

P/A - soft

P/E - ex J (we)  
 yg

P/V - NAD,

Adv  
 Pap smears

Stc Breast - soft





Dr. Rahul Atara  
BDS, MDS (Endodontics)  
Sr. Consultant Dental Surgeon  
Reg. No: A-16347

Name: Ms. Renu Prasad. Date: 26/11/2022

Age: 42 Sex: M/F Weight: \_\_\_\_\_ kg Height: \_\_\_\_\_ inc BMI: \_\_\_\_\_

BP: \_\_\_\_\_ mmHg Pulse: \_\_\_\_\_ bpm RBS: \_\_\_\_\_ mg/dl

OPE      Calculus +  
                  Strin +  
                  Malalignment

Asv      Scaling ⊕

Vishu

UHID	KH125791	Order Date & time	26-11-2022
Patient Name	Mrs Renu Prasad	Sample Collection Date	26-11-2022 08:18 AM
Age/Gender	42 Y/Female	Acknowledge Date	26-11-2022 09:00 AM
Patient Type	OP	Visit No	OP-118456
Ordering Doctor		Refer By	Dr Vimmi Goel
Order Id	ODRID-307740	Accession Number	0150609

### Haematology

Service Name	Result	Unit	Reference Range	Method
<b>Haemogram (CBC with ESR), Whole Blood</b>				
<b>Erythrocytes</b>				Photometric Measurement
* Haemoglobin	12.3	gm/dl	12-15	Photometric Measurement
* RBC count	4.77	millions/cumm	3.8-4.8	Calculated
* Packed Cell Volume (PCV/HCT)	38.8	%	36-46	Calculated
* MCV	<b>81 L</b>	fl	83-101	Calculated
* MCH	<b>25.8 L</b>	pg	27-32	Calculated
* MCHC	31.8	gm/dl	31.5-34.5	Calculated
* RDW	<b>17.9 H</b>	%	11.5-14.0	Calculated
<b>Leucocytes</b>				
* TLC (Total Leukocyte Count)	6600	/cumm	4000-10000	Flow cytometry
* Neutrophils	56.9	%	50-70	
* Lymphocytes	<b>33.2 H</b>	%	25-30	
* Eosinophils	<b>6.4 H</b>	%	1-5	
* Monocytes	<b>3.5 L</b>	%	5-10	
* Basophils	<b>0.0 L</b>	%	1-2	
* Large Immature Cells	0.0	%		
* Absolute Neutrophil Count	3755.40	/cumm	2000-7000	Calculated
* Absolute Lymphocyte Count	2191.20	/cumm	1000-4800	Calculated
* Absolute Eosinophil Count	422.40	/Cumm	20-500	Calculated
* Absolute Monocyte Count	231.00	/cumm	200-1000	Calculated
* Absolute Basophil Count	<b>0.00 L</b>	/cumm	20-100	Calculated
<b>Platelets</b>				
* Platelet Count	157	10 <sup>3</sup> /cumm	150-450	Impedance
* MPV	<b>12.7 H</b>	fl	6.0-9.5	Calculated
* PCT (Platelet Hematocrit)	<b>0.199 L</b>	%	0.2-0.5	
* PDW (Platelet Distribution Width)	<b>23.5 H</b>	%	9-17	
<b>Peripheral Smear Examination</b>				
<b>RBC Morphology</b>				
* Hypochromia	+ (Few)			
* Microcytosis	+ (Few)			
* Anisocytosis	+ (Few)			
* WBCs	As Above			
* Platelets	Adequate			
* ESR (Westergren)	19	mm/hr	<20	Westergren
* Blood Grouping & RH Factor, Whole Blood & Serum	"O" Rh POSITIVE			Column agglutination test
* HbA1c (Glycosylated Haemoglobin), Blood	<b>5.70 H</b>	%	Non-Diabetic: <=5.6 % Pre-Diabetic: 5.7-6.4 % Diabetic >=6.5 %	HPLC

SPANV Medisearch Lifesciences Private Limited

### Clinical Biochemistry

Service Name	Result	Unit	Reference Range	Method
Fasting Blood Sugar, Plasma	93.0	mg/dL	<100	GOD/POD, Colorimetric

44, Prabhakar Bhawan, Kingsway, Nagpur - 440 001, Maharashtra, India.  
 Phone: +91 0712 6789100  
 CIN: U74999MH2018PTC303510

UHID	KH125791	Order Date & time	26-11-2022
Patient Name	Mrs Renu Prasad	Sample Collection Date	26-11-2022 08:18 AM
Age/Gender	42 Y/Female	Acknowledge Date	26-11-2022 09:00 AM
Patient Type	OP	Visit No	OP-118456
Ordering Doctor		Refer By	Dr Vimmi Goel
Order Id	ODRID-307740	Accession Number	0150609

Service Name	Result	Unit	Reference Range	Method
* Post Prandial Blood Sugar, Plasma	92.0	mg%	<140	GOD/POD, Colorimetric
<b>Lipid Profile, Serum</b>				
* Cholesterol	177.00	mg/dL	<200 Normal Less than 150 mg/dl Borderline High 150 - 199 mg/dl High 200 - 499 mg/dl Very High More than 499 mg/dl	Enzymatic Method
* Triglyceride	<b>155.0 H</b>	mg/dL	Major risk factor for Heart disease <40 mg/dl (Males) Major risk factor for Heart disease <50 mg/dl (Female) Negative risk factor for Heart disease >60 mg/dl Optimal <100 mg/dl Near optimal 100 - 129 mg/dl	Enzymatic (Lipase/GK/GPO/POD)
* HDL Cholesterol Direct	<b>39.0 L</b>	mg/dL	Borderline high 130 - 159 mg/dl High 60 - 189 mg/dl Very High >190 mg/dl	Phosphotungstic acid/mgcl-Enzymatic (microslide)
* LDL Cholesterol (Direct)	<b>119.6 H</b>	mg/dL		Enzymatic
* VLDL	<b>31.00 H</b>	mg/dL	<30	Calculated
* Cholesterol/HDL Ratio	5.00		3-5	Calculated
* Non HDL	138.00	mg/dL		Calculated
<b>Kidney Function Test (KFT), Serum</b>				
* Blood Urea	<b>44.00 H</b>	mg/dL	15-36	Urease with indicator dye
* Creatinine	0.86	mg/dL	0.52-1.04	Enzymatic (creatinine amidohydrolase)
* eGFR	83.32	mL/min/1.73m <sup>2</sup>		Calculated
* Sodium	141	mmol/L	136-145	Direct ion selective electrode
* Potassium	4.09	mmol/L	3.5-5.1	Direct ion selective electrode
BUN (Blood Urea Nitrogen), Serum	<b>20.5 H</b>	mg/dL	7-17	Urease with indicator dye
<b>Liver Function test, Serum</b>				
* Total Bilirubin	0.39	mg/dL	0.2-1.3	Azobilirubin/Dyphylline
* Bilirubin Direct	0.21	mg/dL	0.1-0.3	Calculated
* Bilirubin Indirect	0.18	mg/dL	0.1-1.1	Dual wavelength Spectrophotometric
* SGOT (AST)	29	U/L	13-35	Kinetic with pyridoxal 5 phosphate
* SGPT (ALT)	39	U/L	13-45	Kinetic with pyridoxal 5 phosphate
* Alkaline Phosphatase	94.00	U/L	38-126	Pnpp/AMP buffer
* Total Protein	7.56	gm/dl	6.3-8.2	Biuret (Alkaline cupric Sulfate)
* Albumin	4.60	gm/dl	3.5-5.0	Bromocresol green dye binding
* Globulin	2.96	gm/dl	2-4	Calculated
* Albumin/Globulin Ratio	1.56			Calculated
* Gamma GT (GGT), Serum	20.0	U/L	12-43	Calculated Kinetic Method

UHID	KH125791	Order Date & time	26-11-2022
Patient Name	Mrs Renu Prasad	Sample Collection Date	26-11-2022 08:18 AM
Age/Gender	42 Y/Female	Acknowledge Date	26-11-2022 09:00 AM
Patient Type	OP	Visit No	OP-118456
Ordering Doctor		Refer By	Dr Vimmi Goel
Order Id	ODRID-307740	Accession Number	0150609

Service Name	Result	Unit	Reference Range	Method
<b>Interpretation:</b>				
:A high fat meal may cause decreased bilirubin levels by interfering with the clinical reactions. GT activity is elevated in all forms of liver disease. This test is much more sensitive than either the alkaline phosphatase test or the transaminase test (i.e., SGOT, SGPT) in detecting obstructive jaundice, cholangitis, and cholecystitis. It is also indicated in the differential diagnosis of liver disease in children and pregnant women who have elevated levels of LDH and alkaline phosphatase.				
* Uric Acid, Serum	5.41	mg/dL	2.6-6.0	Uricase/Peroxidase (Colorimetric)
<b>Thyroid Function Test (T3,FT4,TSH), Serum</b>				
* T3	1.29	ng/mL	0.55-1.7	Enhanced chemiluminescence
* Free T4	1.22	ng/dL	0.8-1.7	Enhanced chemiluminescence
* Thyroid Stimulating Hormone (TSH)	4.78	uIU/mL	0.5-4.8	Enhanced chemiluminescence

### Clinical Pathology

Service Name	Result	Unit	Reference Range	Method
<b>Urine Routine and Microscopy, Urine</b>				
<b>Physical Examination</b>				
* Volume	20 ml			
* Appearance	Clear			
* Colour	Yellow			
* PH	5.0	NA	4.6-8.0	
* Specific Gravity	1.025 H	NA	1.016-1.022	Iodometric method
<b>Chemical Examination</b>				
* Protein	1+(Approx 25 mg/dl)	mg/dL		
* Glucose	Negative			
* Ketone	Negative			
* Bilirubin	Negative			
* Urobilinogen	Normal			
* Nitrate	Negative			
<b>Microscopic Examination</b>				
* Pus Cells	0-1	/ hpf		
* Epithelial Cells	1-2	/ hpf		
* Red Blood Cells	0-1	/ hpf		
* Crystal	Calcium oxalate			
* Cast	Absent	/hpf		
* Bacteria	Absent			
* Other				
Urine Sugar Fasting, Urine	Negative			GOD/POD
Urine Post Prandial Sugar, Urine	Negative			GOD/POD

Disclaimer: Only Starred Parameters are under the Scope of NABL



UHID	KH125791	Patient Name	Mrs Renu Prasad
Age	42 Y	Gender	Female
Payer Name	Self	Payer Type	cash
Order Date & time	26-11-2022 12:00 AM	Acknowledge Date	26-11-2022 09:50 AM
Refer By	Dr Vimmi Goel	Treating Doctor Speciality	Non Invasive Cardiology
Accession Number	OPRDAC-23737	DOB	
Patient Type	OP	Order Id	ODRID-307740

## Mammography Both Breast

### MAMMOGRAPHY OF BOTH BREASTS

**TECHNIQUE:** Bilateral MLO and CC projections taken. Markers placed in external aspect in CC view and superior in MLO view.

#### OBSERVATION:

Both breast show type D parenchyma, reduces sensitivity of this study.

#### Right breast:

Right breast does not show any dominant mass, architectural distortion or suspicious microcalcification.  
No skin or trabecular thickening noted.  
No enlarged axillary nodes seen.

#### Left breast:

Left breast does not show any dominant mass, architectural distortion or suspicious microcalcification.  
No skin or trabecular thickening noted.  
No enlarged axillary nodes seen.

#### IMPRESSION: X RAY mammography reveals:

No significant abnormality. ACR – BIRADS Category 1- Negative for malignancy.  
In view of extremely dense breast parenchyma further evaluation with USG is suggested.

#### Note:

- \* The false negative of mammography is approximately 10%
- \* Investigations have their limitations. Solitary Radiological /pathological and other investigations never confirm the final diagnosis of disease . Please correlate accordingly

Dr Asawari S Lautre  
Consultant Radiologist  
MBBS,MD (Radio-Diag)



UHID	KH125791	Patient Name	Mrs Renu Prasad
Age	42 Y	Gender	Female
Payer Name	Self	Payer Type	cash
Order Date & time	26-11-2022 12:00 AM	Acknowledge Date	26-11-2022 09:21 AM
Refer By	Dr Vimmi Goel	Treating Doctor Speciality	Non Invasive Cardiology
Accession Number	OPRDAC-23732	DOB	
Patient Type	OP	Order Id	ODRID-307740

### X-Ray Chest PA

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 Asawari S Lautre  
Consultant Radiologist  
MBBS,MD (Radio-Diag)

UHID	KH125791	Patient Name	Mrs Renu Prasad
Age	42 Y	Gender	Female
Payer Name	Self	Payer Type	cash
Order Date & time	26-11-2022 12:00 AM	Acknowledge Date	26-11-2022 10:28 AM
Refer By	Dr Vimmi Goel	Treating Doctor Speciality	Non Invasive Cardiology
Accession Number	OPRDAC-23745	DOB	
Patient Type	OP	Order Id	ODRID-307740

### USG Whole Abdomen

LIVER is normal in size (10.5 cm), shape and shows moderate increase in 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 physiologically distended. No stones or sludge seen within it. Wall thickness is within normal limits.

Visualized head and body of PANCREAS is normal in shape, size and echotexture.

SPLEEN is normal in size (8.5 cm), shape and echotexture. No focal lesion seen.

Right kidney measures - 9.9 x 4.0 cm. Left kidney measures - 9.8 x 5.0 cm

Both KIDNEYS are normal in shape, size and echotexture.

No evidence of calculus or hydronephrosis seen.

URETERS are not dilated.

URINARY BLADDER is well distended. No calculus or mass lesion seen.

Uterus is anteverted and normal. No focal myometrial lesion seen.

Endometrial echo-complex appears normal. ET- 8 mm.

Both ovaries are normal. Bilateral adnexa are clear.

There is no free fluid or abdominal lymphadenopathy seen.

**IMPRESSION: USG reveals,**

**Grade II fatty liver.**

**No other significant visceral abnormality seen.**



**Dr Asawari S Lautre**  
 Consultant Radiologist  
 MBBS,MD (Radio-Diag)



## 2D ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT

Patient Name : Mrs. Renu Prasad  
 Age : 42 years / Female  
 UHID : KH125791  
 Date : 26/11/2022  
 Done by : Dr. Vimmi Goel  
 ECG : NSR, WNL

### **Impression:**

#### **Normal 2D Echocardiography Study**

Normal chambers dimensions  
 No RWMA of LV at rest  
 Good LV systolic function, LVEF 70%  
 Normal LV diastolic function  
 E/A is 1.4  
 E/E' is 7.0 (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. There is no RWMA of LV seen at rest. Good LV systolic function. LVEF 70%. Normal LV diastolic function. E Velocity is 85 cm/s, A Velocity is 61 cm/s. E/A is 1.4. 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 10.3 cm/sec & at lateral mitral annulus is 14.9 cm/sec. E/E' is 7.0 (Average).

### M Mode echocardiography and dimension:

	Normal range (mm)		Observed (mm)
	(adults)	(children)	
Left atrium	19-40	7-37	30
Aortic root	20-37	7-28	23
LVIDd	35-55	8-47	39
LVIDs	23-39	6-28	23
IVS (d)	6-11	4-8	09
LVPW (d)	6-11	4-8	09
LVEF %	~ 60%	~60%	70%
Fractional Shortening			40%

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

P.T.O



KH125791  
42 Years

MRS. RENU PRASAD  
Female

26-Nov-22 12:06:02 PM  
KIMS-KINGSWAY HOSPITALS  
PHC DEPT.

Rate 68 . Sinus rhythm.....normal P axis, V-rate 50- 99  
PR 113 . Borderline short PR interval.....PR int <120ms

QRSD 78  
QT 357  
QTc 380

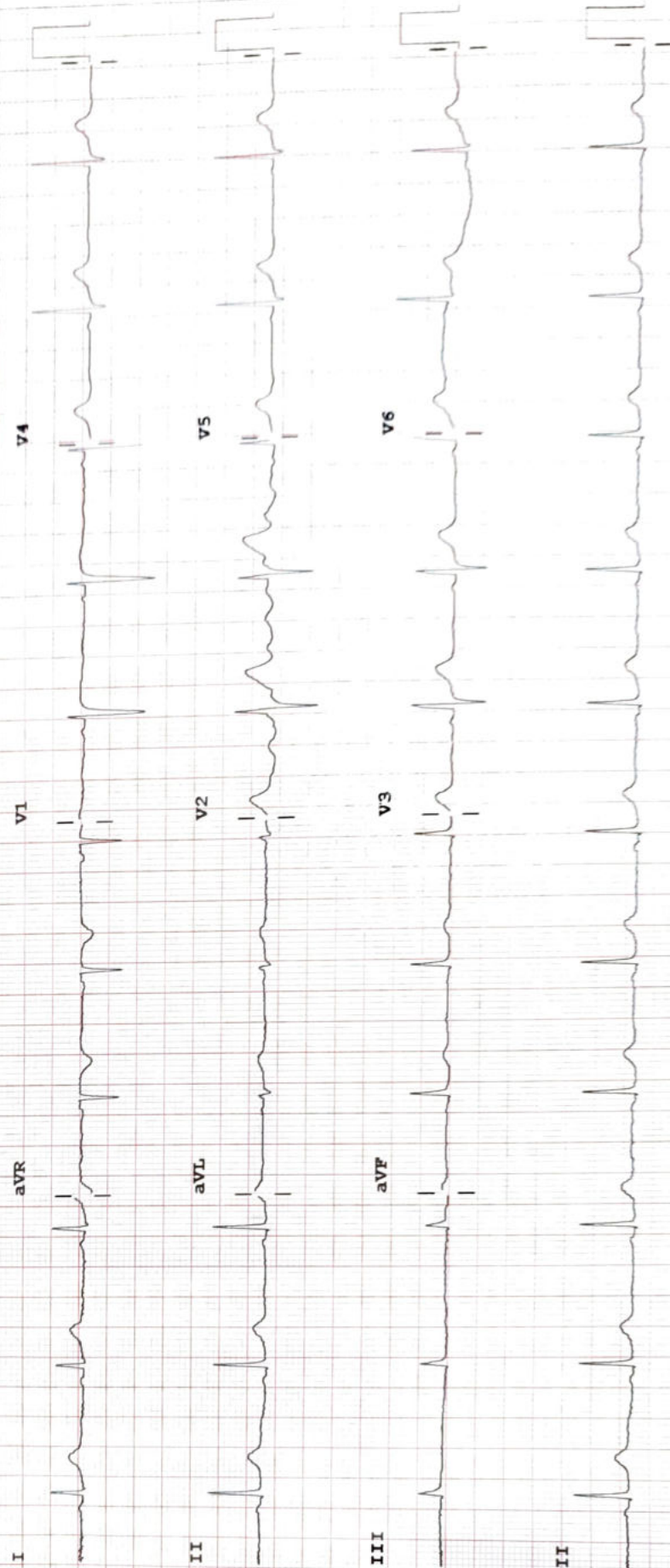
--AXIS--

P 18  
QRS 54  
T 22

12 Lead; Standard Placement

- OTHERWISE NORMAL 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

P?



PHILIPS