

Medi-wheel

Rto - Nagpur

Dr. Vimmi Goel

Head - Non Invasive Cardiology  
Incharge - Preventive Health Care  
MBBS, MD (Internal Medicine)  
Reg. No: MMC-2014/01/0113  
C-N. 7699913052



Name: Mrs. Ritu Heclau Date: 20/09/23

Age: 29y Sex: M/F ✓ Weight: 45.1 kg Height: 149.9 inc BMI: 20.1

BP: 110/70 mmHg Pulse: 76 bpm RBS: \_\_\_\_\_ mg/dl

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

LMP: 11/09/23

29/F

Compl. DOE-II  
x 2 mths

Non HT

Non DM

FH - Not signif.

O/E

JVP°

Cv

Ln

PIA / 12 -

Adv.

• S. wit D<sub>3</sub>

• TMT

• Review E Heperr.

(24/4) Ritu Hedau

Date: 20/09/23

29yrs Sex: MF  Weight: \_\_\_\_\_ kg Height: \_\_\_\_\_ Inc BMI: \_\_\_\_\_

for health  
checkup

MRP - 11/09/23

0/12

M/H → Regular

P14

Vitals - stable

P/A - S71 -  
N1-

Ado

→ Cap. Absolute woman

too

(30)

DEPARTMENT OF OPHTHALMOLOGY  
OUT PATIENT ASSESSMENT RECORD

RITU HEDAU 29Y(S) 2M(S) 6D(S)F UMR2324020914 8657822492 MARRIED	CONSULT DATE : 20-09-2023 CONSULT ID : OPC2324062388 CONSULT TYPE : VISIT TYPE : NORMAL TRANSACTION TYPE :	DR. ASHISH PRAKASHCHANDRA KAMBLE MBBS,MS, FVRS,FICO CONSULTANT DEPT OPHTHALMOLOGY
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VITALS

Temp : Pulse : BP (mmHg) : spO2 : Pain Score : Height :  
-- °F -- /min -- %RA -- /10 -- cms

Weight : BMI :  
-- kgs --

CHIEF COMPLAINTS

ROUTINE CHECK UP

NOTES

GLASS PRESCRIPTION :-  
DISTANCE VISION

EYE	SPH	CYL	AXIS	VISION
RIGHT EYE	00	00	00	6/6
LEFT EYE	00	00	00	6/6
NEAR ADDITION				
RIGHT EYE			00	N6
LEFT EYE			00	N6

REMARK-

REVIEW

Follow up Date :20-03-2024



Dr. Ashish Prakashchandra Kamble  
MBBS,MS, FVRS,FICO  
Consultant

Printed On :20-09-2023 11:43:09



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF PATHOLOGY**

<b>Patient Name</b> : Mrs. RITU HEDAU	<b>Age / Gender</b> : 29 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324041719/UMR2324020914	<b>Referred By</b> : Dr. Vimmi Goel MBB5,MD
<b>Received Dt</b> : 20-Sep-23 09:02 am	<b>Report Date</b> : 20-Sep-23 12:12 pm

**HAEMOGRAM**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Haemoglobin	Blood	12.6	12.0 - 15.0 gm%	Photometric
Haematocrit(PCV)		39.0	36.0 - 46.0 %	Calculated
RBC Count		4.51	3.8 - 4.8 Millions/cumm	Photometric
Mean Cell Volume (MCV)		87	83 - 101 fl	Calculated
Mean Cell Haemoglobin (MCH)		27.8	27 - 32 pg	Calculated
Mean Cell Haemoglobin Concentration (MCHC)		32.2	31.5 - 35.0 g/l	Calculated
RDW		13.6	11.5 - 14.0 %	Calculated
Platelet count		286	150 - 450 $10^3$ /cumm	Impedance
WBC Count		7200	4000 - 11000 cells/cumm	Impedance

**DIFFERENTIAL COUNT**

Neutrophils	58.5	50 - 70 %	Flow Cytometry/Light microscopy
Lymphocytes	32.5	20 - 40 %	Flow Cytometry/Light microscopy
Eosinophils	4.8	1 - 6 %	Flow Cytometry/Light microscopy
Monocytes	4.1	2 - 10 %	Flow Cytometry/Light microscopy
Basophils	0.1	0 - 1 %	Flow Cytometry/Light microscopy
Absolute Neutrophil Count	4212	2000 - 7000 /cumm	Calculated



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF PATHOLOGY**

<b>Patient Name</b> : Mrs. RITU HEDAU	<b>Age / Gender</b> : 29 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324041719/UMR2324020914	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 20-Sep-23 09:02 am	<b>Report Date</b> : 20-Sep-23 12:12 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Absolute Lymphocyte Count		2340	1000 - 4800 /cumm	Calculated
Absolute Eosinophil Count		345.6	20 - 500 /cumm	Calculated
Absolute Monocyte Count		295.2	200 - 1000 /cumm	Calculated
Absolute Basophil Count		7.2	0 - 100 /cumm	Calculated
<b><u>PERIPHERAL SMEAR</u></b>				
WBC		As Above		
Platelets		Adequate		
<b>ESR</b>		07	0 - 20 mm/hr	Automated Westergren's Method

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

Suggested Clinical Correlation \* If necessary, Please discuss

Verified By : : 11100245

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**Dr. GAURI HARDAS, MBBS,MD**  
**CONSULTANT PATHOLOGIST**



**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF BIOCHEMISTRY**

**Patient Name** : Mrs. RITU HEDAU  
**Bill No/ UMR No** : BL2324041719/UMR2324020914  
**Received Dt** : 20-Sep-23 09:01 am

**Age /Gender** : 29 Y(s)/Female  
**Referred By** : Dr. Vimmi Goel MBBS, MD  
**Report Date** : 20-Sep-23 11:17 am

**Parameter** **Serum** **Results**  
Fasting Plasma Glucose Plasma 93  
**GLYCOSYLATED HAEMOGLOBIN (HBA1C)**  
HbA1c 5.1

**Biological Reference** **Method**  
< 100 mg/dl GOD/POD,Colorimetric

Non-Diabetic : <= 5.6 % HPLC  
Pre-Diabetic : 5.7 - 6.4 %

Diabetic : >= 6.5 %  
\*\*\* End Of Report \*\*\*

Suggested Clinical Correlation \* If necessary, Please discuss

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**Dr. GAURI KARDAS, MBBS, MD**

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CIN: U11886MH2011PTC200310

**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. RITU HEDAU	<b>Age / Gender</b> : 29 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324041719/UMR2324020914	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 20-Sep-23 11:23 am	<b>Report Date</b> : 20-Sep-23 01:24 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Post Prandial Plasma Glucose	Plasma	95	< 140 mg/dl	GOD/POD, Colorimetric

**Interpretation:**

Clinical Decision Value as per ADA Guidelines 2021

Diabetes Mellites If,

Fasting  $\geq$  126 mg/dlRandom/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 necessary, Please discuss

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**Dr. Anuradha Deshmukh, MBBS,MD**  
**CONSULTANT MICROBIOLOGIST**



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. RITU HEDAU	<b>Age /Gender</b> : 29 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324041719/UMR2324020914	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 20-Sep-23 09:02 am	<b>Report Date</b> : 20-Sep-23 11:17 am

**LIPID PROFILE**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Method</u>
Total Cholesterol	Serum	118 < 200 mg/dl	Enzymatic(CHE/CHO/PO D)
Triglycerides		42 < 150 mg/dl	Enzymatic (Lipase/GK/GPO/POD)
HDL Cholesterol Direct		40 > 50 mg/dl	Phosphotungstic acid/mgcl-Enzymatic (microslide)
LDL Cholesterol Direct		67.78 < 100 mg/dl	Enzymatic
VLDL Cholesterol		8 < 30 mg/dl	Calculated
Tot Chol/HDL Ratio		3 3 - 5	Calculation

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

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

Suggested Clinical Correlation \* If necessary, Please discuss

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**Dr. Anuradha Deshmukh, MBBS,MD**  
**CONSULTANT MICROBIOLOGIST**





**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. RITU HEDAU	<b>Age /Gender</b> : 29 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324041719/UMR2324020914	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 20-Sep-23 11:34 am	<b>Report Date</b> : 20-Sep-23 12:12 pm

<b>Parameter</b>	<b>Specimen</b>	<b>Result Values</b>	
<b>URINE SUGAR</b>			
Urine Glucose		Negative	
<b>THYROID PROFILE</b>			
T3		1.37	0.55 - 1.70 ng/ml Enhanced chemiluminescence
Free T4		1.00	0.80 - 1.70 ng/dl Enhanced Chemiluminescence
TSH		3.30	0.50 - 4.80 uIU/ml Enhanced chemiluminescence

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

Suggested Clinical Correlation \* If necessary, Please discuss

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**Dr. Anuradha Deshmukh, MBBS,MD**

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CIN: UJ74999AN 42018PTC303510



**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF BIOCHEMISTRY**

Patient Name : Mrs. RITU HEDAU Age /Gender : 29 Y(S)/Female  
 Patient No/ UMR No : BL2324041719/UMR2324020914 Referred By : Dr. Vimmi Goel MBBS, MD  
 Received On : 20-Sep-23 09:02 am Report Date : 20-Sep-23 11:17 am

Parameter	Specimen	Result Values	Biological Reference	Method
<b>RFT</b>	Serum	18	15.0 - 36.0 mg/dl	Urease with indicator dye
Urea		0.5	0.52 - 1.04 mg/dl	Enzymatic ( creatinine aminohydroxy)
Creatinine		120.1		Calculation by CKD-EPI 2021
Cr		141	136 - 145 mmol/L	Direct ion selective electrode
Sodium		5.28	1.5 - 5.1 mmol/L	Direct ion selective electrode
Potassium				
<b>LIVER FUNCTION TEST(LFT)</b>				
Total Bilirubin		0.83	0.2 - 1.3 mg/dl	Acidobindin/Diphenylamine Calculated
Direct Bilirubin		0.26	0.1 - 0.3 mg/dl	Direct assay using spectrophotometric
Indirect Bilirubin		0.47	0.1 - 1.1 mg/dl	gPIVPLAMP surfar
Aspartate Phosphatase		62	38 - 126 U/L	Kinetic with pyridoxal 5 phosphate
SGPT/ALT		20	13 - 45 U/L	Kinetic with pyridoxal 5 phosphate
SGOT/AST		22	13 - 35 U/L	kinetic with pyridoxal 5 phosphate
Serum Total Protein		7.81	6.3 - 8.2 g/dl	Buret (Alkaline cupric sulphate)
Albumin Serum		4.50	3.5 - 5.0 g/dl	Bromocresol green Dye Binding
Globulin		3.31	2.0 - 4.0 g/dl	Calculated
A/G Ratio		1.4		

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

**Dr. Anurekha Deshmukh, MBBS, MD**

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CIN: LT149394M-Q01BFTC-D00510

Suggested Clinical Correlation \* If necessary, Please  
 discuss  
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**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF PATHOLOGY**

<b>Patient Name</b> : Mrs. RITU HEDAU	<b>Age / Gender</b> : 29 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324041719/UMR2324020914	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 20-Sep-23 09:24 am	<b>Report Date</b> : 20-Sep-23 12:23 pm

Parameter	Specimen	Results	Method
<b>URINE MICROSCOPY</b>			
<u>PHYSICAL EXAMINATION</u>			
Volume	Urine	30 ml	
Colour.		Pale yellow	
Appearance		Clear	
<u>CHEMICAL EXAMINATION</u>			
Reaction (pH)	Urine	6.0	4.6 - 8.0
Specific gravity		1.005	1.005 - 1.025
Urine Protein		Negative	Indicators ion concentration protein error of pH indicator
Sugar		Negative	GOD/POD
Bilirubin		Negative	Diazonium
Ketone Bodies		Negative	Legal's est Principle
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
<b>USF(URINE SUGAR FASTING)</b>			
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**

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CIN: U74999MH2018PTC300510



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF IMMUNO HAEMATOLOGY**

<b>Patient Name</b> : Mrs. RITU HEDAU	<b>Age / Gender</b> : 29 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324041719/UMR2324020914	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 20-Sep-23 09:02 am	<b>Report Date</b> : 20-Sep-23 11:57 am

**BLOOD GROUPING AND RH**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	
BLOOD GROUP.	EDTA Whole Blood & Plasma/ Serum	" B "	Gel Card Method
Rh (D) Typing.		* Positive *(+Ve)	
		*** End Of Report ***	

Suggested Clinical Correlation \* If necessary, Please discuss

Verified By : : 11100245

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**Dr. GAURI HARDAS, MBBS,MD**  
**CONSULTANT PATHOLOGIST**

**DEPARTMENT OF RADIOLOGY & IMAGING SCIENCE**

NAME	RITU HEDAU	STUDY DATE	20-09-2023 10:52:11
AGE/ SEX	29Y 2M 6D / F	HOSPITAL NO.	UMR2324020914
ACCESSION NO.	BIL2324041719-10	MODALITY	DX
REPORTED ON	20-09-2023 15:00	REFERRED BY	Dr. Vimmi Goel

**X-RAY CHEST PA VIEW**

Both the lung fields are clear.

Heart and Aorta are normal.

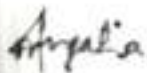
Both hilar shadows appear normal.

Diaphragm domes and CP angles are clear.

Bony cage is normal.

**IMPRESSION -**

No pleuro-parenchymal abnormality seen.



**DR NAVEEN PUGALIA**

**MBBS, MD [076125]**

**SENIOR CONSULTANT RADIOLOGIST.**

NOTE: 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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Phone: +91 0712 6789100

CIN: U17498MH2018PTC303510

NAME OF PATIENT:	RITU HEDAU	AGE & SEX:	29Y/F
UMR NO	23240220914	BILL NO:	2324041719
REF BY:	DR. VIMMI GOEL	DATE:	20/09/2023

### USG ABDOMEN AND PELVIS

LIVER is mildly enlarged in size (15.6 cm) and shows normal 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 (8.8 cm), shape and echotexture. No focal lesion seen.

Right kidney measures 11.0 x 4.9 cm. Left kidney measures 10.7 x 4.4 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 appear normal. ET – 6.8 mm. Both ovaries are normal. No adnexal mass lesion seen.

There is no free fluid or abdominal lymphadenopathy seen.

### IMPRESSION: USG reveals,

- Mild hepatomegaly.
- No other significant visceral abnormality.



DR. POOJA CHANDAK  
MBBS, DMRD, FMF (UK)  
Consultant Radiologist &  
Fetal Medicine Specialist  
MMC 2016030471

**2D ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT**

Patient Name : Ritu Hedau  
 Age : 29 years / Female  
 UHID : UMR2324020914  
 Bill No. : BIL2324041719  
 Date : 20/09/2023  
 Done by : Dr. Vimmi Goel  
 ECG : Minor ST-T changes, WNL  
 Blood pressure: 110/70 mm Hg (Right arm, Supine position)  
 BSA : 1.36 m<sup>2</sup>

**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 7.3 (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 11.5 cm/s, A Velocity is 13.8 cm/s. E/A is 7.3. 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 92 cm/sec & at lateral mitral annulus is 65 cm/sec. E/E' is 1.4 (Average).

M Mode echocardiography and dimension:

	Normal range (mm)		Observed (mm)
	(adults)	(children)	
Left atrium	19-40	7-37	29
Aortic root	20-37	7-28	20
LVIDd	35-55	8-47	39
LVIDs	23-39	6-28	22
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

Rate 73 Sinus rhythm. . . . . normal P axis, V-rate 50-99  
 Abnormal T, consider ischemia, anterior leads. . . . . T < -0.20mV, V2-V4

PR 132  
 QRSD 89  
 QT 408  
 QTc 450

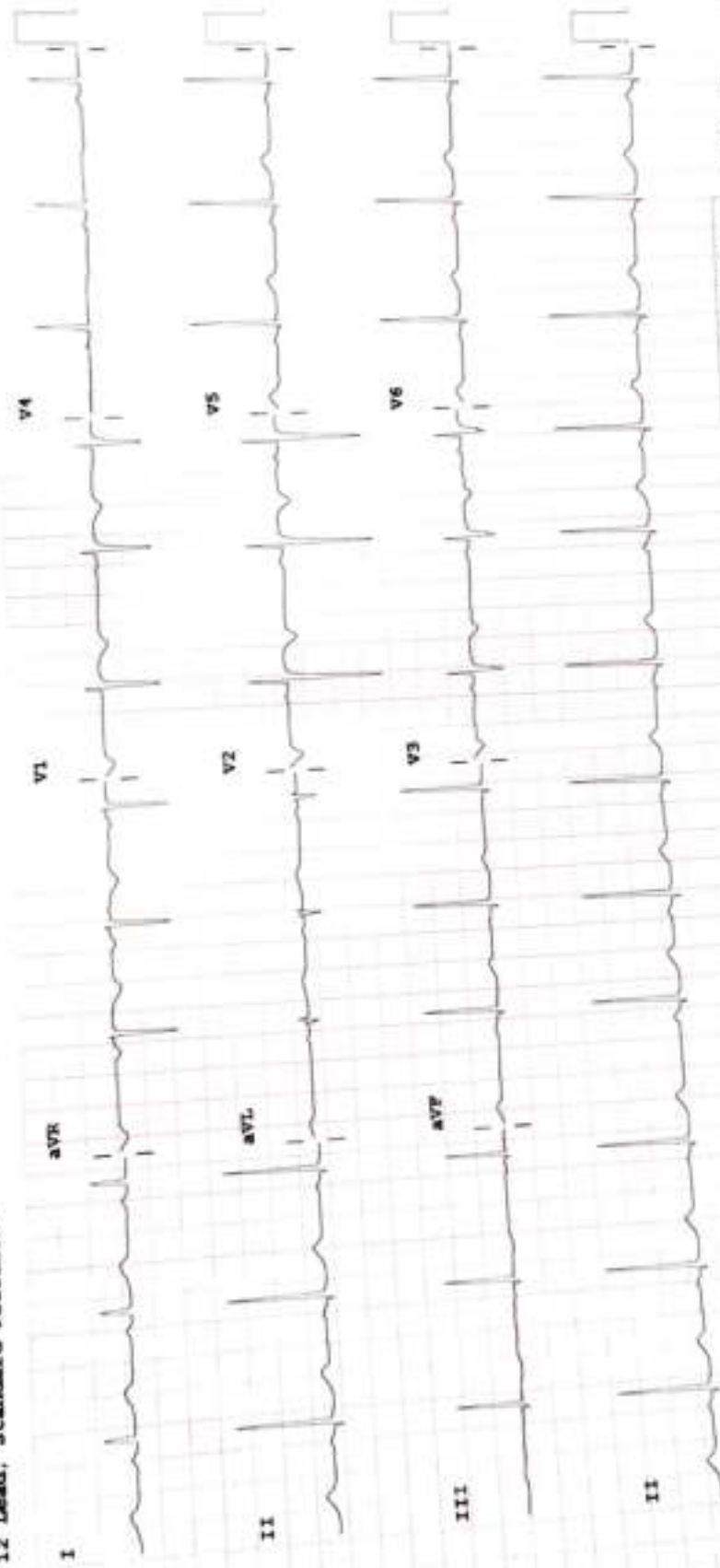
--AXIS--

P 17  
 QRS 62  
 T 14

12 Lead; Standard Placement

-- ABNORMAL ECG --

Unconfirmed Diagnosis



50- 0.50-150 Hz W 100B CL P7

Speed: 25 mm/sec

Lead: 10 mm/mV

Chest: 10.0 mm/mV

Device:

PHILIPPS

000000

0.00