

mediwheel

R/O-Nagpur

Dr. Vimmi Goel

Head - Non Invasive Cardiology

Incharge - Preventive Health Care

MBBS, MD (Internal Medicine)

Reg. No: MMC-2014/01/0113

Name : Mrs. Sunita Rani

Date : 20-08-22

Age : 48y Sex : M/F Weight : 45.8 kg Height : 159.9 in BMI : 17.9

BP : 100/60 mmHg Pulse : 72 bpm RBS : _____ mg/dl

SpO₂ : 99%

Menopause 4y

43/F

4/c MVP ± mod. MR
(Eccentric jet)

4/c Br. asthma
(on seroflo Rotucaps)

JVP⁰

Chr - clear

L₁ - SSM+

P/A - sepr

Iaw → moved

Adv.

To see Dr. Samir Dore

Continue Cardace, Concor
same as before

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

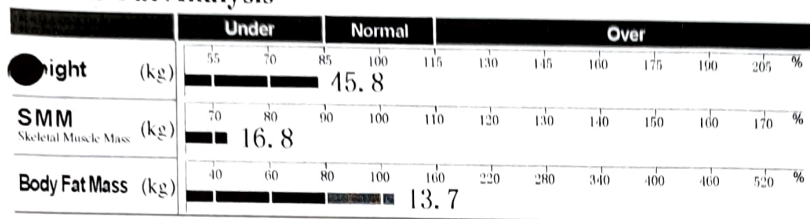


| | | | | |
|--------------|-------------------|-----------|------------------|--|
| ID 113383 | Height 159.9cm | Age 48 | Gender Female | Test Date / Time 20. 08. 2022 11:14 |
|--------------|-------------------|-----------|------------------|--|

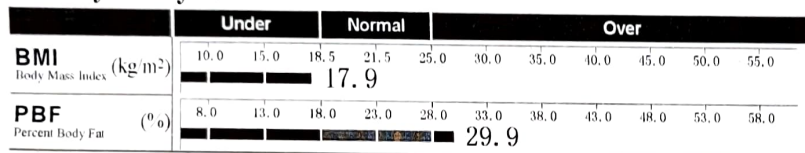
Body Composition Analysis

| | | |
|----------------------------------|-----------------------------|------------------|
| Total amount of water in my body | Total Body Water (L) | 23.6 (28.0~34.2) |
| What I need to build muscles | Protein (kg) | 6.2 (7.5~9.1) |
| What I need for strong bones | Mineral (kg) | 2.28 (2.59~3.17) |
| Where my excess energy is stored | Body Fat Mass (kg) | 13.7 (11.0~17.6) |
| Sum of the above | Weight (kg) | 45.8 (46.8~63.3) |

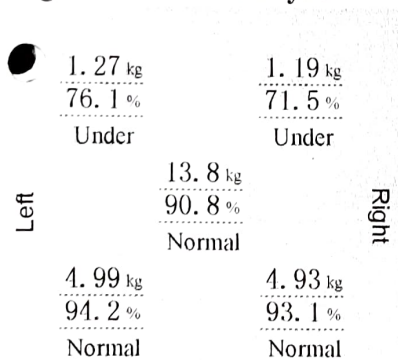
Muscle-Fat Analysis



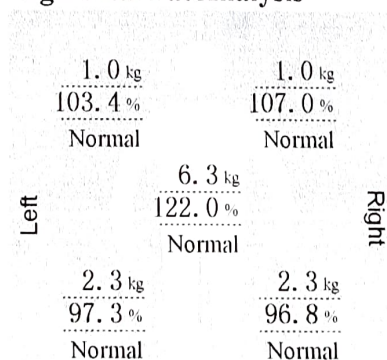
Obesity Analysis



Segmental Lean Analysis



Segmental Fat Analysis



* Segmental fat is estimated.

Body Composition History

| | 20. 08. 22 11:14 | | | | |
|---|---------------------|--|--|--|--|
| Weight (kg) | 45.8 | | | | |
| SMM (kg) | 16.8 | | | | |
| PBF (%) | 29.9 | | | | |
| <input checked="" type="checkbox"/> Recent <input type="checkbox"/> Total | | | | | |

InBody Score

69/100 Points

* Total score that reflects the evaluation of body composition. A muscular person may score over 100 points.

Weight Control

| | |
|----------------|----------|
| Target Weight | 54.9 kg |
| Weight Control | +9.1 kg |
| Fat Control | -1.1 kg |
| Muscle Control | +10.2 kg |

Obesity Evaluation

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

Waist-Hip Ratio



Visceral Fat Level



Research Parameters

| | |
|----------------------------|-----------------------|
| Fat Free Mass | 32.1 kg |
| Basal Metabolic Rate | 1063 kcal (1056~1208) |
| Obesity Degree | 83% (90~110) |
| SMI | 4.8 kg/m ² |
| Recommended calorie intake | 2053 kcal |

Calorie Expenditure of Exercise

| | | | |
|-------------------|-----|--------------|-----|
| Golf | 81 | Gateball | 87 |
| Walking | 92 | Yoga | 92 |
| Badminton | 104 | Table Tennis | 104 |
| Tennis | 137 | Bicycling | 137 |
| Boxing | 137 | Basketball | 137 |
| Mountain Climbing | 149 | Jumping Rope | 160 |
| Aerobics | 160 | Jogging | 160 |
| Soccer | 160 | Swimming | 160 |
| Japanese Fencing | 229 | Racketball | 229 |
| Squash | 229 | Taekwondo | 229 |

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

Impedance

| | RA | LA | TR | RL | LL |
|--------------------------|-------|-------|------|-------|-------|
| Z ₍₅₂₎ 20 kHz | 506.4 | 480.6 | 32.2 | 345.7 | 337.8 |
| 100 kHz | 469.7 | 444.6 | 30.2 | 319.9 | 312.2 |

Name : Mrs. Sumita Rani DOB : _____ Date : 20/8/22

Age : 48 Sex : M/F Weight : _____ kg Height : _____ in BMI : _____

BP : _____ mmHg Pulse : _____ bpm

For health check up

No gynec complaints at present

PH : P2 L2 C. Both ATTND
RL Not Done

M/H : Menopausal :: 4 yrs.

L/H : K/C/O Asthama & on medication

Sx/H : Nil

F/H : Mother - DM.

USG : UT (N), B/L ovaries - (N).

Mammography : Awaited

Breast examination : WNL

Hb : PAP smear Test - Taken on 20/8/22

P/A : Soft NT

P/S : Cx } Healthy
Yg }

P/U : UT (N) A/P/AF

B/L ovaries free NT



Patient Name: Mrs Sunita Rani

Doctor Name: Dr Ashish Kamble

| | | | |
|------------------|----------------------|------------------|-----------------------------------|
| UHID KH113383 | Age 48 Y | Gender Female | Admission No. OPRI-40215 |
| Speciality - | Certificate No. - | | Created on 20-08-2022 02:39 PM |

OPHTHALMOLOGY - OPTHALMOLOGY (REFRACTION)

RIGHT EYE

| Sph | Cyl | Axis | Visual Acuity |
|-------|-------|------|---------------|
| -1.25 | -0.50 | 180 | 6/6 |

LEFT EYE

| Sph | Cyl | Axis | Visual Acuity |
|-------|-------|------|---------------|
| -1.50 | -0.50 | 15 | 6/6 |

Near: Addition

RIGHT

-2.00D, N6

LEFT

+2.00D, N6

Remarks:

LACRIMOS-G EYE DROP 4 TIME DAY

Created By

Ashish Kamble

Print Date & Time

20-08-2022 02:39 PM

| | | | |
|-----------------|-----------------|------------------------|---------------------|
| UHID | KH113383 | Order Date & time | 20-08-2022 |
| Patient Name | Mrs Sunita Rani | Sample Collection Date | 20-08-2022 10:28 AM |
| Age/Gender | 48 Y/Female | Acknowledge Date | 20-08-2022 12:07 PM |
| Patient Type | OP | Visit No | OP-78186 |
| Ordering Doctor | | Refer By | Dr Vimmi Goel |
| Order Id | ODRID-167411 | Accession Number | 0128246 |

Haematology

| Service Name | Result | Unit | Reference Range | Method |
|--|----------------------|-----------------------|-----------------|-------------------------|
| Haemogram (CBC with ESR), Whole Blood | | | | |
| Erythrocytes | | | | |
| * Haemoglobin | 11.5 L | gm/dl | 12-15 | |
| * RBC count | 3.95 | millions/cumm | 3.8-4.8 | Photometric Measurement |
| * Packed Cell Volume (PCV/HCT) | 36.1 | % | 36-46 | Photometric Measurement |
| * MCV | 91 | fl | | Calculated |
| * MCH | 29.1 | pg | 83-101 | |
| * MCHC | 31.8 | gm/dl | 27-32 | Calculated |
| * RDW | 14.9 H | % | 31.5-34.5 | Calculated |
| | | | 11.5-14.0 | Calculated |
| Leucocytes | | | | |
| * TLC (Total Leukocyte Count) | 5000 | /cumm | 4000-10000 | |
| * Neutrophils | 53.1 | % | 50-70 | Flow cytometry |
| * Lymphocytes | 41.0 H | % | 25-30 | |
| * Eosinophils | 2.7 | % | 1-5 | |
| * Monocytes | 3.2 L | % | 5-10 | |
| * Basophils | 0.0 L | % | 1-2 | |
| * Large Immature Cells | 0.0 | % | | |
| * Absolute Neutrophil Count | 2655.00 | /cumm | 2000-7000 | |
| * Absolute Lymphocyte Count | 2050.00 | /cumm | 1000-4800 | Calculated |
| * Absolute Eosinophil Count | 135.00 | /Cumm | 20-500 | Calculated |
| * Absolute Monocyte Count | 160.00 L | /cumm | 200-1000 | Calculated |
| * Absolute Basophil Count | 0.00 L | /cumm | 20-100 | Calculated |
| | | | | Calculated |
| Platelets | | | | |
| * Platelet Count | 104 L | 10 ³ /cumm | 150-450 | |
| * MPV | 12.0 H | fl | 6.0-9.5 | Impedance |
| * PCT (Platelet Hematocrit) | 0.125 L | % | 0.2-0.5 | Calculated |
| * PDW (Platelet Distribution Width) | 23.3 H | % | 9-17 | |
| Peripheral Smear Examination | | | | |
| RBC Morphology | | | | |
| * Normochromic Normocytic | Seen. | | | |
| * Anisocytosis | + (Few) | | | |
| * WBCs | As Above | | | |
| * Platelets | Giant platelets seen | | | |
| * ESR (Westergren) | 23 H | mm/hr | <20 | Westergren |

Remarks: :14-16 platelets/oil immersion field. Manual platelet count: 1.4 lakh to 1.6 lakh/cumm.

| | | | |
|-----------------|-----------------|------------------------|---------------------|
| UHID | KH113383 | Order Date & time | 20-08-2022 |
| Patient Name | Mrs Sunita Rani | Sample Collection Date | 20-08-2022 10:28 AM |
| Age/Gender | 48 Y/Female | Acknowledge Date | 20-08-2022 12:07 PM |
| Patient Type | OP | Visit No | OP-78186 |
| Ordering Doctor | | Refer By | Dr Vimmi Goel |
| Order Id | ODRID-167411 | Accession Number | 0128246 |

| Service Name | Result | Unit | Reference Range | Method |
|---|--------------------|------|---|---------------------------|
| * Blood Grouping & RH Factor, Whole Blood & Serum | "O" Rh POSITIVE | | | Column agglutination test |
| * HbA1c (Glycosylated Haemoglobin), Blood | 5.3 | % | Non-Diabetic: <=5.6 % Pre-Diabetic: 5.7-6.4 % Diabetic >=6.5 % | HPLC |

Clinical Biochemistry

| Service Name | Result | Unit | Reference Range | Method |
|--|---------------|---------------------------|---|--|
| Fasting Blood Sugar | 95.0 | mg/dL | <100 | GOD\POD, Colorimetric |
| * Post Prandial Blood Sugar, Plasma | 69.0 | mg% | <140 | GOD\POD, Colorimetric |
| Lipid Profile, Serum | | | | |
| Cholesterol | 170.00 | mg/dL | <200 | Enzymatic Method |
| Triglyceride | 98.0 | mg/dL | 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(Lipase/GK/GPO /POD) |
| HDL Cholesterol Direct | 77.0 | 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 | Phosphotungstic acid/mgcl- Enzymatic (microslide) |
| LDL Cholesterol (Calculated) | 64.9 | mg/dL | Optimal <100 mg/dl Near optimal 100 - 129 mg/dl Borderline high 130 - 159 mg/dl High 60 - 189 mg/dl Very High >190 mg/dl | Enzymatic |
| VLDL | 20.00 | mg/dL | <30 | Calculated |
| Cholesterol/HDL Ratio | 2.00 L | | 3-5 | Calculated |
| Non HDL | 93.00 | mg/dL | | Calculated |
| Kidney Function Test (KFT), Serum | | | | |
| Blood Urea | 27.00 | mg/dL | 15-36 | Urease with indicator dye |
| Creatinine | 0.64 | mg/dL | 0.52-1.04 | Enzymatic (creatinine amidohydrolase) |
| eGFR | 105.52 | mL/min/1.73m ² | | Calculated |
| Sodium | 143 | mmol/L | 136-145 | Direct ion selective electrode |
| Potassium | 5.33 H | mmol/L | 3.5-5.1 | Direct ion selective electrode |
| BUN (Blood Urea Nitrogen), Serum | 13.5 | mg/dL | 7-17 | Urease with indicator dye |
| Liver Function test, Serum | | | | |
| Total Bilirubin | 0.60 | mg/dL | 0.2-1.3 | Azobilirubin/Dyphylline |
| Bilirubin Direct | 0.25 | mg/dL | 0.1-0.3 | Calculated |
| Bilirubin Indirect | 0.35 | mg/dL | 0.1-1.1 | Dual wavelength Spectrophotometric |
| SGOT (AST) | 31 | U/L | 13-35 | Kinetic with pyridoxal 5 phosphate |
| SGPT (ALT) | 15 | U/L | 13-45 | Kinetic with pyridoxal 5 phosphate |
| Alkaline Phosphatase | 99.00 | U/L | 38-126 | Pnpp/AMP buffer |

| | | | |
|-----------------|-----------------|------------------------|---------------------|
| UHID | KH113383 | Order Date & time | 20-08-2022 |
| Patient Name | Mrs Sunita Rani | Sample Collection Date | 20-08-2022 10:28 AM |
| Age/Gender | 48 Y/Female | Acknowledge Date | 20-08-2022 12:07 PM |
| Patient Type | OP | Visit No | OP-78186 |
| Ordering Doctor | | Refer By | Dr Vimmi Goel |
| Order Id | ODRID-167411 | Accession Number | 0128246 |

| Service Name | Result | Unit | Reference Range | Method |
|------------------------|--------|-------|-----------------|----------------------------------|
| Total Protein | 7.54 | gm/dl | 6.3-8.2 | Biuret((Alkaline cupric Sulfate) |
| Albumin | 4.17 | gm/dl | 3.5-5.0 | Bromocresol green dye binding |
| Globulin | 3.37 | gm/dl | 2-4 | Calculated |
| Albumin/Globulin Ratio | 1.23 | | | Calculated |
| Gamma GT (GGT), Serum | 17.0 | U/L | 12-43 | Kinetic Method |

Interpretation:

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 | 5.57 | mg/dL | 2.6-6.0 | Uricase/Peroxidase (Colorimetric) |
|--------------------|------|-------|---------|-----------------------------------|

Thyroid Function Test (T3,FT4,TSH), Serum

| | | | | |
|-------------------------------------|------|--------|----------|----------------------------|
| * T3 | 1.22 | ng/mL | 0.55-1.7 | Enhanced chemiluminescence |
| * Free T4 | 1.08 | ng/dL | 0.8-1.7 | Enhanced chemiluminescence |
| * Thyroid Stimulating Hormone (TSH) | 2.92 | uIU/mL | 0.5-4.8 | Enhanced chemiluminescence |

Clinical Pathology

| Service Name | Result | Unit | Reference Range | Method |
|--|-------------|-------|-----------------|-------------------|
| Urine Routine and Microscopy, Urine | | | | |
| Physical Examination | | | | |
| Volume | 20 ml | | | |
| Appearance | Clear | | | |
| Colour | Pale Yellow | | | |
| PH | 5.0 | NA | 4.6-8.0 | |
| Specific Gravity | 1.015 L | NA | 1.016-1.022 | Iodometric method |
| Chemical Examination | | | | |
| Protein | Negative | mg/dL | | |
| Glucose | Negative | | | |
| Ketone | Negative | | | |
| Bilirubin | Negative | | | |
| Urobilinogen | Normal | | | |
| Nitrate | Negative | | | |
| Microscopic Examination | | | | |
| Pus Cells | 0-1 | / hpf | | |
| Epithelial Cells | 0-1 | / hpf | | |
| Red Blood Cells | Absent | / hpf | | |
| Crystal | Absent | | | |
| Cast | Absent | /hpf | | |
| Bacteria | Absent | | | |
| Other | | | | |
| Urine Sugar Fasting, Urine | Negative | | | GOD/POD |
| Urine Post Prandial Sugar, Urine | Negative | | | GOD/POD |

| | | | |
|-------------------|---------------------|------------------|---------------------|
| UHID | KH1113383 | Patient Name | Mrs Sunita Rani |
| Age | 48 Y | Gender | Female |
| Payer Name | Self | Payer Type | cash |
| Order Date & time | 20-08-2022 12:00 AM | Acknowledge Date | 20-08-2022 12:06 PM |
| Refer By | Dr Vinmit Goel | Accession Number | OPRDAC-13607 |
| DOB | | Patent Type | OP |
| Order Id | ODRID-167411 | | |

USG Whole Abdomen**SONOGRAPHY OF ABDOMEN AND PELVIS**

Liver is normal in size, shape and outline. Its parenchymal echogenicity is normal. No focal or nodular lesion seen in it. No IHBKD. Portal vein and CBD is of normal calibre.

ICV appear dilated.

Gall bladder is distended, does not show any sludge, calculus or oedema in it. Its walls are smooth.

Spleen is normal in size, shape and outline. Its parenchymal echogenicity is normal. No focal lesion seen.

Pancreas is normal in size, shape and outline. Its parenchymal echogenicity is normal. No focal lesion seen. Main pancreatic duct is not dilated. No e/o parenchymal or ductal calcification.

Right kidney measures 9.0 x 3.6 cm. Left kidney measures 9.3 x 4.1 cm.

Both kidneys are normal in size and shape. Renal outline is smooth and regular.

Parenchymal echotexture is normal with maintained cortico-medullary differentiation. No calculus or mass lesion or hydronephrotic changes seen on either side. Ureters are not dilated.

Urinary bladder is distended with smooth and regular outline. No evidence of calculus / diverticulum.

Uterus is Anteflexed and anteverted, grossly normal in size, shape and outline.

Endometrial thickness is adequate. No focal myometrial lesion seen.

Both the ovaries are normal in size, shape and echotexture.

Both adnexa clear.

No free fluid seen in abdomen and pelvis.

OPINION:

No obvious abnormality noted in present study.

Suggest clinical correlation / further evaluation.

Dr Ashwani Ganjewar
Consultant Radiologist
MBBS, DNB, DMRD
Reg No 2005/03/1863

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2D ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT

Patient Name : Mrs. Sunita Rani
 Age : 48 years / Female
 UHID : KH113383
 Date : 12/08/2022
 Done by : Dr. Vimmi Goel
 ECG : NSR, RSR in V2

Impression:

Normal LV dimensions
 LA is dilated
 LV shows mild global hypokinesia
 Fair LV systolic function, LVEF 52%
 LV diastolic dysfunction, Grade I (E<A)
 E/A is 0.6
 Mitral valve shows mild prolapse into LA
 Moderate MR (Eccentric Jet)
 Trivial TR, 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. LA is dilated. LV shows mild global hypokinesia. Fair LV systolic function. LVEF 52%. LV diastolic dysfunction, Grade I (E<A). E Velocity is 90 cm/s, A Velocity is 57 cm/s. E/A is 0.6. Mitral valve shows mild prolapse into LA. Moderate MR (Eccentric jet). Trivial TR. No Pulmonary Hypertension. IVC normal in size and collapsing well with respiration. Pericardium is normal. No clots or pericardial effusion seen.

M Mode echocardiography and dimension:

| | Normal range (mm) (adults) (children) | Observed (mm) |
|-----------------------|--|---------------|
| Left atrium | 19-40 | 42 |
| Aortic root | 20-37 | 24 |
| LVIDd | 35-55 | 45 |
| LVIDs | 23-39 | 33 |
| IVS (d) | 6-11 | 09 |
| LVPW (d) | 6-11 | 09 |
| LVEF % | ~ 60% | 52% |
| Fractional Shortening | ~ 60% | 26% |

P.T.O


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



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 www.kingswayhospitals.com CIN U74999MH2018PTC303510

kh113383
48 Years

MRS. SUNITA RANI
Female

20-Aug-22 10:55:19 AM

Kingsway Hospital (Cardiology)

Rate 71 . Sinus rhythm.....normal P axis, V-rate 50- 99
FR 146 . RSR' in V1 or V2, probably normal variant.....small R' only
QRSD 96 . Probable left ventricular hypertrophy.....multiple LVH criteria
QT 416
QTc 453 . Baseline wander in lead(s) V6

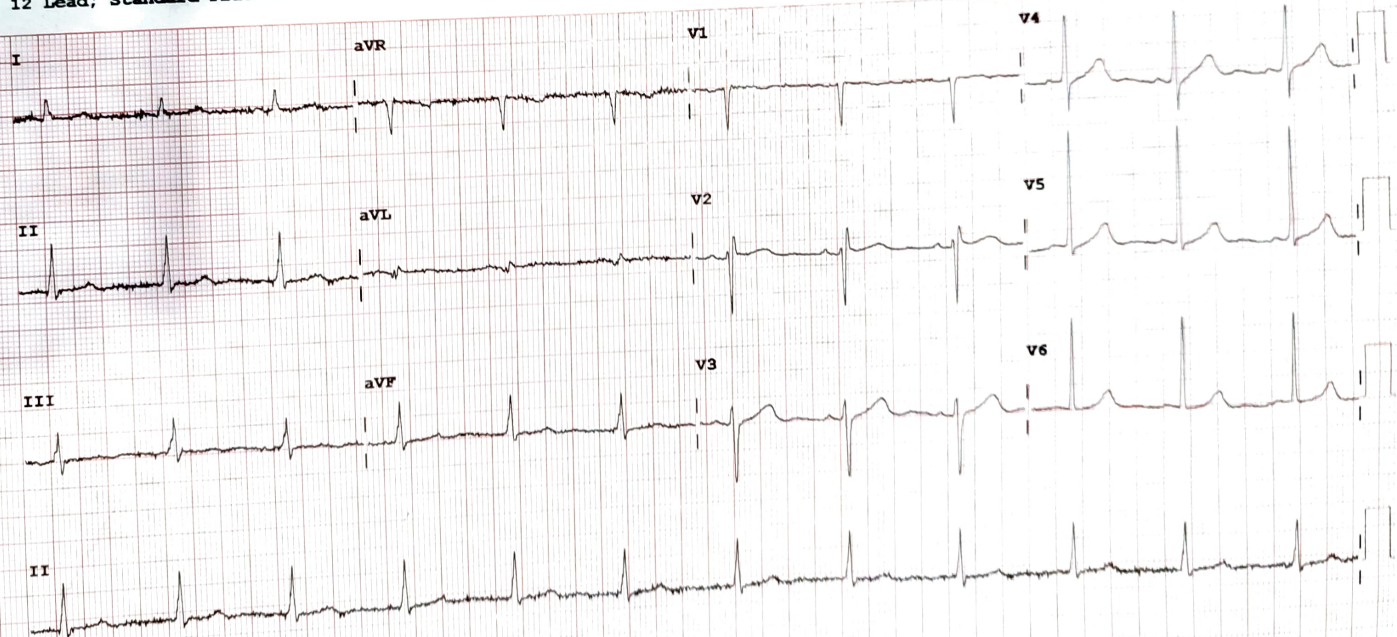
--AXIS--

P -35
QRS 59
T 58

12 Lead; Standard Placement

- ABNORMAL 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 ??

PHILIPS