

Medical Summary

Name: **Mr. Sureshwaran** Date of Birth: **13/1/1976** Customer ID: **1314/21**
 Ref Doctor: **Male** Sex: **Male** Date: **13/1/21**

Present Complaints: **- Nil -**
 Past Illness: **his jaundice (2002)**
Renal calculi (2000)
 Major medical Illness: **- Nil -**
 Surgery: **- Nil -**

Accident: **Nil**
 Others: **Nil**
 Diet: **Mixed**
 Exercise: **well built**
 Personality: **↑**
 Marital status: **married**
 Children: **Nil**

Personal history:
 Smoking: **Nil**
 Tobacco: **Nil**
 Alcohol: **Nil**
 Menstrual history: **Nil**
 Obstetric history: **Nil**

Family history:
 Tuberculosis: **Nil**
 Diabetes: **father**
 Asthma: **Nil**
 Drug history: **Nil**

Allergy: **egg allergy**
 Hypertension: **father**
 Heart Disease: **father**
 Others: **Nil**
 Present Medications: **Nil**

General Examination:

Height: **Normal** Weight: **Normal** BP: **Normal**
 Conjunctiva: **Normal** Lymphnodes: **not palpable** Eyes: **Normal**
 Oedema: **not present** Nails: **Normal** Genitals: **not done**
 Tongue: **Normal** Others: **Normal** Dental: **tooth copying**
 Throat: **Normal** Skin: **Normal** **⇒ No tooth injury**

Eye Screening:

Vision	R/E	L/E
Distant Vision	Normal	Normal
Near Vision	Normal	Normal
Colour Vision	Normal	Normal

⇒ with/without spec.
 ⇒ with spec.
 | with/without spec.



Systemic Examination:

Cardiovascular system: *S/S of heart*
Peripheral Pulsations: *felt*
Heart:
Respiratory system: *NVBSA*

Gastrointestinal Systems:

Higher Function: <i>WNL</i>	Sensory System: <i>low</i>
Cranial Nerves: <i>WNL</i>	Superficial Reflexes: <i>(+)</i>
Motor System: <i>WNL</i>	Deep Reflexes: <i>(+)</i>

Impression:

normal

Diet:

low cholesterol / fat diet

Medication:

Advice & Follow up:

- NIL -

MEDALL DIAGNOSTICS
191, Poonamallee High Road,
Kilpauk, Chennai - 600 010.
Cell : 91500 42328

DR. *HARISHARAN M.*
Consultant General Physician

[Signature]
15/2/2024





(Medall Healthcare Pvt Ltd)

SELF REFERRAL FORM

MED21000163 210 5) 13-04-2409:24 AM



124006485
MR SURYANARAYANAN P(48Y/M)

Customer Information

I, give consent to Medall Healthcare Pvt Ltd to perform the My-Health Package investigation requested by me. I declare that **my age is 18 years or above 18 years** and I don't have any metal implants inside my body and don't have a pacemaker or stents. I am also aware that the blood tests are done in non-fasting (Random) Sample

Name: Mr / Ms / Mrs
S U R Y A N A R A Y A N A N

Company Name: _____ Occupation: _____

Date of Birth: 01/03/1976 or Age: 48 Gender: Male Female

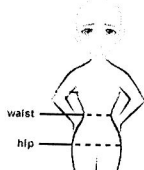
Contact Number: 9940483947 Pin Code: _____

Email ID: _____

Vitals Observations (to be filled by Medall team)

Place of service: In store Camp - (mention Location)

Height: 168 Cms feet _____ Inches _____

Waist: 35 Inches 

Hip: 36 Inches 

Weight: 71.3 Kgs 

Fat: 8.4 %

Visceral Fat: 12.0 %

RM: 1575 Cal

BMI: 25.3

Body Age: 54 Yrs

Systolic BP: 111 mm/Hg

Diastolic BP: 78 mm/Hg

Clinical History / Medicines Taken

	Use Tobacco Products	Drink Alcohol
Never	<input type="checkbox"/>	<input type="checkbox"/>
Some days	<input type="checkbox"/>	<input type="checkbox"/>
Daily	<input type="checkbox"/>	<input type="checkbox"/>

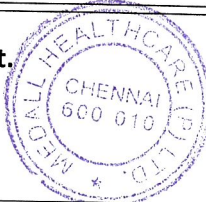
Check in the appropriate box

2) 111 / 76
2) 109 / 73 Inspiration: 36 cm Expiration: 34 cm SP O2: 99 Pulse: 70

(Always Ensure that the customer is relaxed and in sitting position while doing BP check)

Date: 13/04/24 Medall Employee Name & centre Name: Mageshmi

I have verified and agree with all the data in this sheet. Fill all the information without fail



Customer Signature

Name : Mr. SURYANARAYANAN P
 PID No. : MED210001632
 SID No. : 124006485
 Age / Sex : 48 Year(s) / Male
 Type : OP
 Ref. Dr : MediWheel

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Investigation	Observed Value	Unit	Biological Reference Interval
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BLOOD GROUPING AND Rh TYPING

'A' 'Positive'

(EDTA Blood/Agglutination)

INTERPRETATION: Reconfirm the Blood group and Typing before blood transfusion

Complete Blood Count With - ESR

Haemoglobin (Whole Blood - W/Spectrophotometry)	13.7	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (Whole Blood - W/Derived from Impedance)	41.0	%	42 - 52
RBC Count (Whole Blood - W/Impedance Variation)	4.74	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (Whole Blood - W/Derived from Impedance)	86.5	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (Whole Blood - W/Derived from Impedance)	28.8	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (Whole Blood - W/Derived from Impedance)	33.3	g/dL	32 - 36
RDW-CV (Whole Blood - W/Derived from Impedance)	13.1	%	11.5 - 16.0
RDW-SD (Whole Blood - W/Derived from Impedance)	39.66	fL	39 - 46
Total Leukocyte Count (TC) (Whole Blood - W/Impedance Variation)	7600	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood/Impedance Variation & Flow Cytometry)	71.6	%	40 - 75
Lymphocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	18.7	%	20 - 45

Dr S SIVAKUMAR Ph.D
 Consultant Microbiologist

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Dr ARCHANA. K MD Ph.D
 Lab Director
 TNMC NO: 79967

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The results pertain to sample tested.

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Eosinophils (EDTA Blood/Impedance Variation & Flow Cytometry)	3.1	%	01 - 06
Monocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	6.3	%	01 - 10
Basophils (EDTA Blood/Impedance Variation & Flow Cytometry)	0.3	%	00 - 02

INTERPRETATION: Tests done on Automated Five Part cell counter. All abnormal results are reviewed and confirmed microscopically.

Absolute Neutrophil count (Whole Blood - W/Impedance Variation & Flow Cytometry)	5.44	10 ³ / μl	1.5 - 6.6
Absolute Lymphocyte Count (Whole Blood - W/Impedance Variation & Flow Cytometry)	1.42	10 ³ / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (Whole Blood - W/Impedance Variation & Flow Cytometry)	0.24	10 ³ / μl	0.04 - 0.44
Absolute Monocyte Count (Whole Blood - W/Impedance Variation & Flow Cytometry)	0.48	10 ³ / μl	< 1.0
Absolute Basophil count (Whole Blood - W/Impedance Variation & Flow Cytometry)	0.02	10 ³ / μl	< 0.2
Platelet Count (Whole Blood - W/Impedance Variation)	231	10 ³ / μl	150 - 450
MPV (Whole Blood - W/Derived from Impedance)	9.4	fL	7.9 - 13.7
PCT (Whole Blood - W/Automated Blood cell Counter)	0.22	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Whole Blood - W/Automated - Westergren method)	15	mm/hr	< 15


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Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	100.5	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose, Fasting (Urine) (Urine - F/GOD - POD)	Negative	Negative
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Glucose Postprandial (PPBS) (Plasma - PP/GOD-PAP)	95.8	mg/dL	70 - 140
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INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance. Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Remark: Please correlate clinically.

Urine Glucose(PP-2 hours) (Urine - PP)	Negative	Negative
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Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	22.0	mg/dL	7.0 - 21
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Creatinine (Serum/Modified Jaffe)	1.05	mg/dL	0.9 - 1.3
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INTERPRETATION: Elevated Creatinine values are encountered in increased muscle mass, severe dehydration, Pre-eclampsia, increased ingestion of cooked meat, consuming Protein/ Creatine supplements, Diabetic Ketoacidosis, prolonged fasting, renal dysfunction and drugs such as cefoxitin, cefazolin, ACE inhibitors, angiotensin II receptor antagonists, N-acetylcysteine, chemotherapeutic agent such as flucytosine etc.

Uric Acid (Serum/Enzymatic)	4.4	mg/dL	3.5 - 7.2
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Liver Function Test

Bilirubin(Total) (Serum/DCA with ATCS)	0.45	mg/dL	0.1 - 1.2
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Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.16	mg/dL	0.0 - 0.3
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Bilirubin(Indirect) (Serum/Derived)	0.29	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	14.1	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	30.3	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	36.6	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	90.1	U/L	53 - 128
Total Protein (Serum/Biuret)	6.92	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.01	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.91	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.38		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	233.1	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	90.0	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500



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INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the "usual" circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immuno-inhibition)	34.6	mg/dL	Optimal(Negative Risk Factor): ≥ 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	180.5	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: ≥ 190
VLDL Cholesterol (Serum/Calculated)	18	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	198.5	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: ≥ 220

INTERPRETATION: 1.Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol.
 2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.

Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	6.7		Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0
Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated)	2.6		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0


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LDL/HDL Cholesterol Ratio (Serum/Calculated)	5.2		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0
Prostate specific antigen - Total(PSA) (Serum/Manometric method)	1.16	ng/mL	Normal: 0.0 - 4.0 Inflammatory & Non Malignant conditions of Prostate & genitourinary system: 4.01 - 10.0 Suspicious of Malignant disease of Prostate: > 10.0

INTERPRETATION:REMARK : PSA alone should not be used as an absolute indicator of malignancy.

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total (Serum/Chemiluminescent Immunometric Assay (CLIA))	1.10	ng/ml	0.7 - 2.04
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INTERPRETATION:

Comment :

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.


T4 (Tyroxine) - Total (Serum/Chemiluminescent Immunometric Assay (CLIA))	10.60	µg/dl	4.2 - 12.0
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INTERPRETATION:

Comment :

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

TSH (Thyroid Stimulating Hormone) (Serum/Chemiluminescent Immunometric Assay (CLIA))	3.550	µIU/mL	0.35 - 5.50
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INTERPRETATION:

Reference range for cord blood - upto 20

1 st trimester: 0.1-2.5

2 nd trimester 0.2-3.0

3 rd trimester : 0.3-3.0

(Indian Thyroid Society Guidelines)

Comment :

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI.

2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM.The variation can be of the order of 50%,hence time of the day has influence on the measured serum TSH concentrations.

3.Values&lt;0.03 μ IU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

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BUN / Creatinine Ratio	20.9		6.0 - 22.0

Urine Analysis - Routine

COLOUR (Urine)	Pale yellow		Yellow to Amber
APPEARANCE (Urine)	Clear		Clear
Protein (Urine/Protein error of indicator)	Negative		Negative
Glucose (Urine/GOD - POD)	Negative		Negative
Pus Cells (Urine/Automated - Flow cytometry)	0 - 1	/hpf	NIL
Epithelial Cells (Urine/Automated - Flow cytometry)	0 - 1	/hpf	NIL
RBCs (Urine/Automated - Flow cytometry)	NIL	/hpf	NIL
Casts (Urine/Automated - Flow cytometry)	NIL	/hpf	NIL
Crystals (Urine/Automated - Flow cytometry)	NIL	/hpf	NIL
Others (Urine)	NIL		

INTERPRETATION: Note: Done with Automated Urine Analyser & Automated urine sedimentation analyser. All abnormal reports are reviewed and confirmed microscopically.


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Age & Gender	48Y/MALE	Visit Date	13/04/2024
Ref Doctor	MediWheel		

ECHO CARDIOGRAM REPORT

2D ECHO STUDY:

- Normal chamber dimensions.
- Normal LV / RV size and systolic function (EF: 67%)
- No Regional wall motion abnormality.
- No ventricular hypertrophy.
- IAS and IVS are intact.
- No e/o of clot / Aneurysm.
- Normal pericardium.

FINAL IMPRESSION:

- NORMAL LV / RV SIZE AND SYSTOLIC FUNCTION. (EF : 67%)
- NO REGIONAL WALL MOTION ABNORMALITY.
- NORMAL VALVES FOR AGE.
- NORMAL DIASTOLIC COMPLIANCE.
- NORMAL COLOUR FLOW STUDIES.

LEFT VENTRICULAR MEASUREMENT:

DIMENSIONS	NORMAL	DIMENSIONS	NORMAL
AO (ed)- 2.5cm(1.5cm/3.5cm)		IVS (ed) - 0.9cm	(0.6cm/1.2cm)
LA (ed)- 3.1cm(1.5cm/3.5cm)		LVPW(ed) - 0.8cm	(0.6cm/1.1cm)
RVID(ed)- 1.0cm(0.9cm/2.8cm)		EF 67 %	(62 %-85 %)
LVID (ed)- 4.4cm(2.6cm/5.5cm)		FS 36 %	
LVID (es)- 3.0cm			

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MORPHOLOGICAL DATA:

Mitral valve

Anterior mitral leaflet (AML)	: Normal
Posterior mitral leaflet (PML)	: Normal
Aortic Valve	: Normal
Tricuspid Valve	: Normal
Pulmonary Valve	: Normal
Interatrial Septum	: Intact
Interventricular Septum	: Intact
Right Ventricle	: Normal
Right Atrium	: Normal
Pulmonary Artery	: Normal
Left Ventricle	: Normal
Left Atrium	: Normal

PERICARDIUM:

- Normal.

DOPPLER STUDY:

Continuous Wave Doppler & Colour Flow Study:

➤ *Normal colour flow studies.*

DONE BY:VIJAYALAKSHMI.P

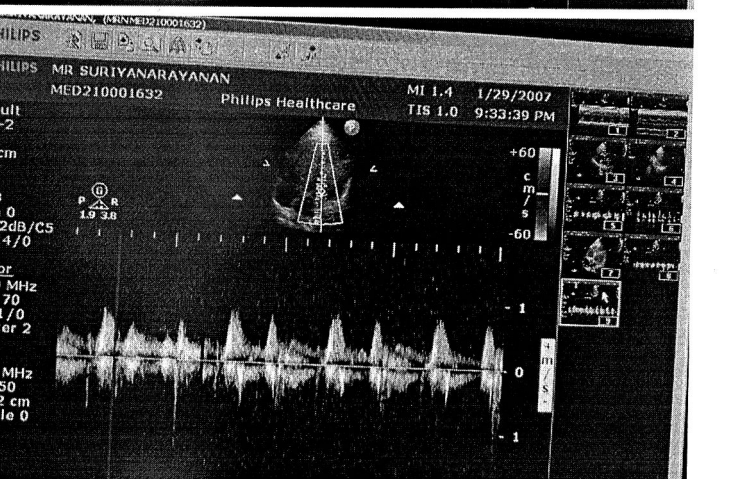
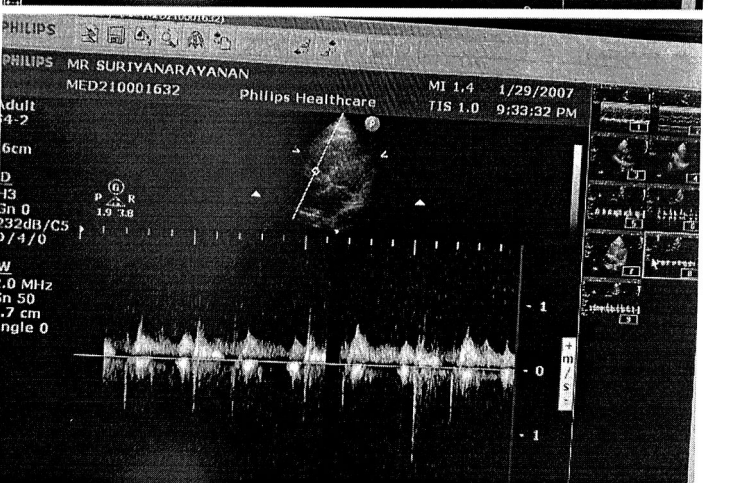
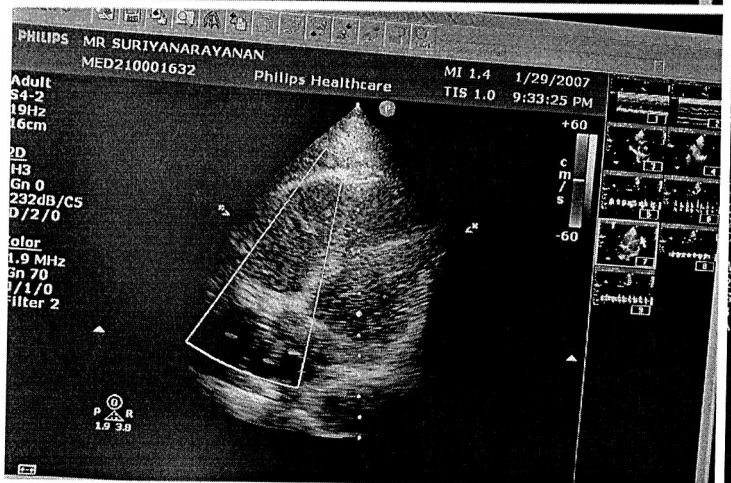
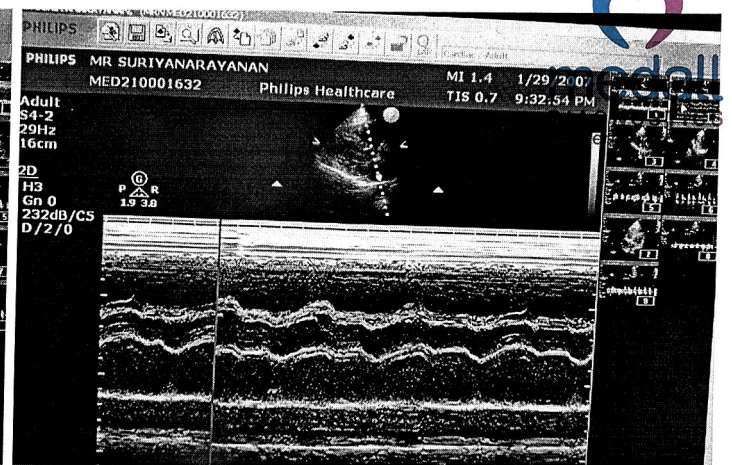
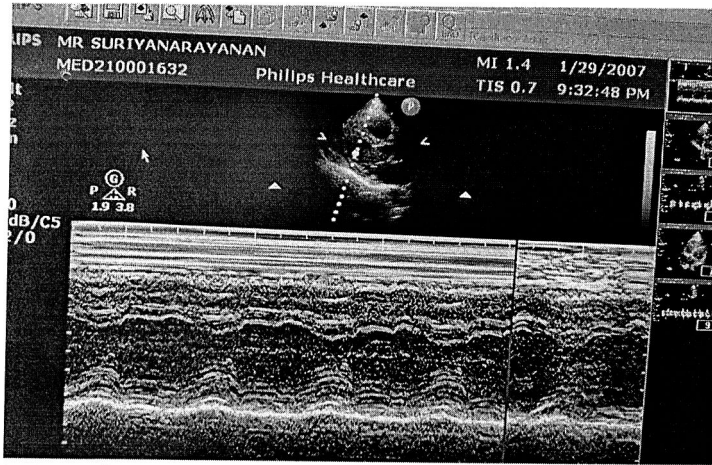
Radha Priya.Y

DR.RADHA PRIYA.Y
Consultant Cardiologist

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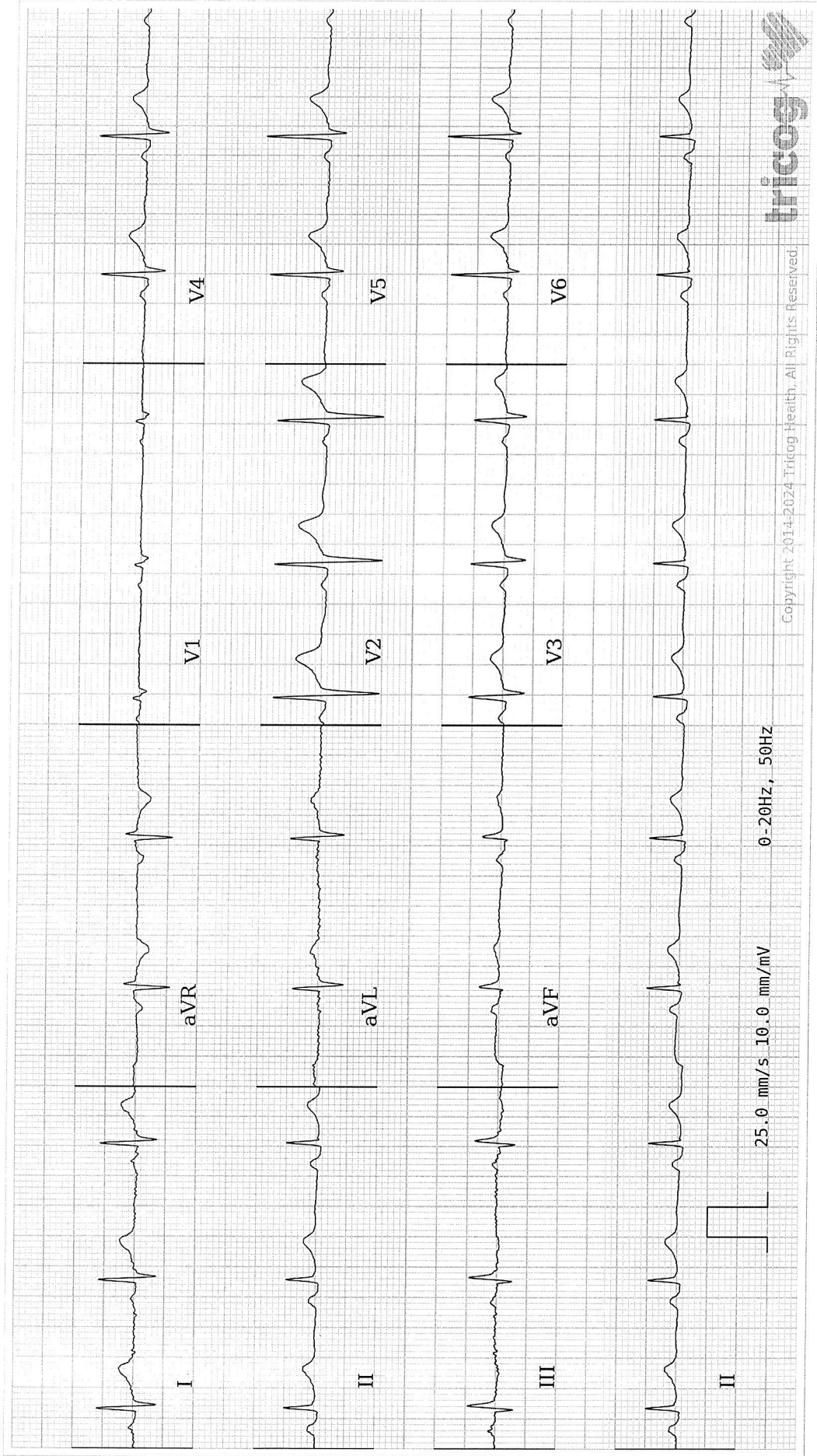


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MEDALL DIAGNOSTIC CENTER KILPAUK

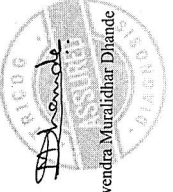
Age / Gender: 48/Male Date and Time: 13th Apr 24 9:34 AM
Patient ID: med210001632
Patient Name: Mr suryanarayanan p



AR: 64bpm VR: 64bpm QRS: 82ms QT: 380ms QTcB: 392.46ms PRI: 158ms P-R-T: 60° 56° 20°

ECG Within Normal Limits: Sinus Rhythm. Please correlate clinically.

REPORTED BY



Dr. Devendra Muralidhar Dhande

Disclaimer: Analysis in this report is based on ECG alone and should only be used as an adjunct to clinical history, symptoms and results of other invasive and non-invasive tests and must be interpreted by a qualified physician.

Name	MR.SURYANARAYANAN P	ID	MED210001632
Age & Gender	48Y/MALE	Visit Date	13/04/2024
Ref Doctor	MediWheel		

ULTRASOUND SCAN

WHOLE ABDOMEN

Liver is normal in size and shows uniform echotexture with no focal abnormality. There is no intra or extra hepatic biliary ductal dilatation. Portal vein and IVC are normal.

Gall bladder is normal sized and smooth walled. No evidence of calculi. Wall thickness is normal.

Pancreas shows a normal configuration and echotexture. Pancreatic duct is normal.

Spleen is normal in size and echotexture.

Bilateral kidneys are normal in size, shape and position. Cortical echoes are normal bilaterally. There is no calculus or calyceal dilatation.

Right kidney measures 9.6 x 4.8 cm.

Left kidney measures 9.4 x 5.3 cm.

Ureters are not dilated.

Urinary bladder is smooth walled and uniformly transonic. No intravesical mass or calculus.

Prostate is normal in size, measures 3.3 x 2.8 x 2.6 cm (Vol – 13 cc). Echotexture is homogenous.

Seminal vesicles is normal.

Iliac fossae are normal.

There is no free or loculated peritoneal fluid.



Name	MR.SURYANARAYANAN P	ID	MED210001632
Age & Gender	48Y/MALE	Visit Date	13/04/2024
Ref Doctor	MediWheel		

IMPRESSION:

➤ Normal study.

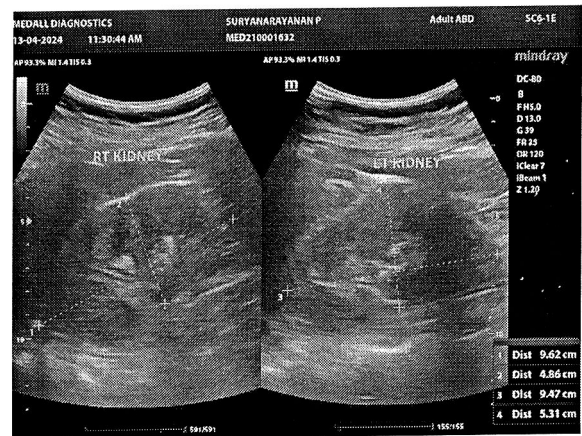
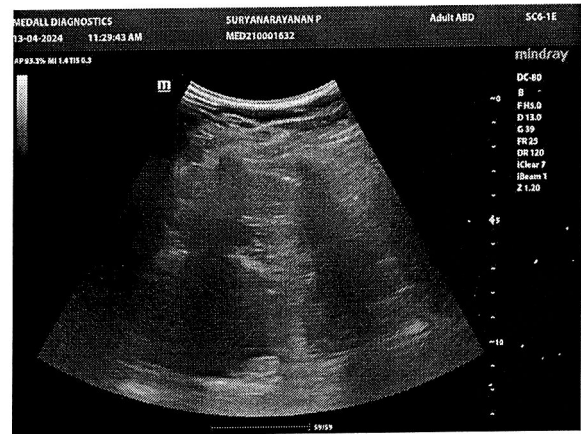
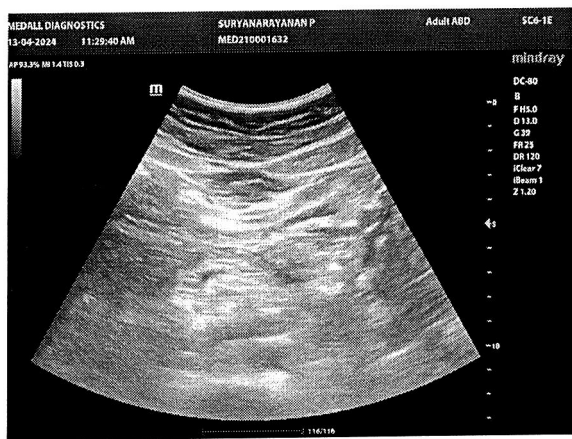
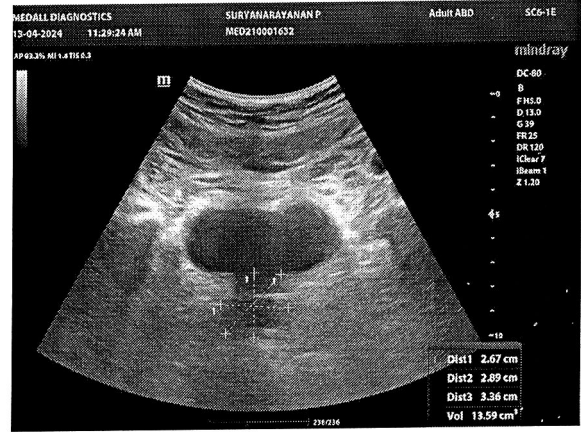
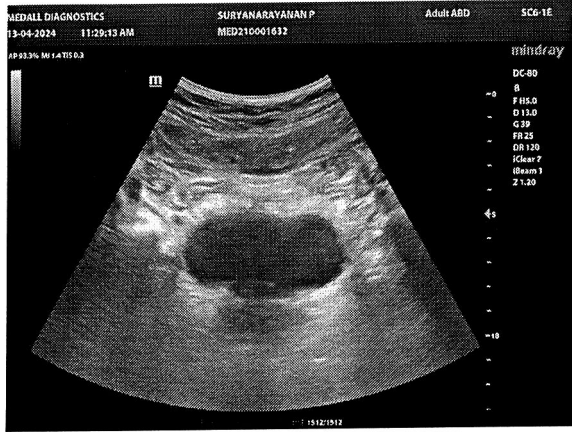
Dr.PRASHANT MOORTHY, MBBS., MD.,
Consultant Radiologist



Dr. M. JAYAPRABA.
Consultant Sonologist



Name	MR.SURYANARAYANAN P	ID	MED210001632
Age & Gender	48Y/MALE	Visit Date	13/04/2024
Ref Doctor	MediWheel		



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Name	Mr. SURYANARAYANAN P	Customer ID	MED210001632
Age & Gender	48Y/M	Visit Date	Apr 13 2024 9:09AM
Ref Doctor	MediWheel		

X-RAY CHEST (PA VIEW)

The cardio thoracic ratio is normal. The heart size and configuration are within normal limits.

The aortic arch is normal.

The lung fields show normal broncho-vascular markings.

Both the pulmonary hila are normal in size.

The costophrenic and cardiophrenic recesses and the domes of diaphragm are normal.

The bones and soft tissues of the chest wall show no abnormality.

IMPRESSION :

- **No significant abnormality detected.**



Dr. Prashant Moorthy MBBS., MD
Consultant Radiologist

