

Customer Name	MR.VINOTHKUMAR V	Customer ID	MED110218724
Age & Gender	36Y/MALE	Visit Date	12/03/2022
Ref Doctor	MediWheel		

Personal Health Report

General Examination:

Height: 163 cms

Weight: 57.0 kg

BMI : 21.8 kg/m^2

BP: 110/70 mmhg

Pulse: 60/ min, regular

Systemic Examination:

CVS: S1 S2 heard;

RS: NVBS+. Abd: Soft. CNS: NAD

Blood report:

Total cholesterol -216.8 mg/dl - Elevated

All other blood parameters are well within normal limits. (Report enclosed).

Urine analysis - Within normal limits.

X-Ray Chest - Normal study.

ECG - Normal ECG.

USG Whole abdomen - Bilateral renal calculi.

ECHO - Normal study.

Eye Test - Normal study.

Vision	Right eye	Left eye	
Distant Vision	6/6	6/6	***
Near Vision	N6	N6	
Colour Vision	Normal	Normal	





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Impression & Advice:

Total cholesterol -216.8 mg/dl - Elevated. To be brought down to the desirable level of 200 mg/dl by having low cholesterol, high fiber diet recommended by the dietician.

USG Whole abdomen - Bilateral renal calculi. To consult a urologist for further evaluation.

All other health parameters are well within normal limits.

DR. NOUR MOHAMMED RIZWAN ALM. B.B.S, FDM

MHC Physician Consultant Reg. No. 120325 Consultant Physician

A Medall Health Case and Diagnostics Pvt. Ltd.

gollogij Transpyk, Lld. Name : Mr. VINOTHKUMAR V PID No.

: MED110218724 SID No. : 222005314

Age / Sex : 36 Year(s) / Male

: MediWheel

Type

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Report On

Printed On

Register On

12/03/2022 8:07 PM

: 12/03/2022 9:50 AM

Collection On : 12/03/2022 10:10 AM

: 14/03/2022 1:33 PM





Investigation Observed Unit **Biological** Value Reference Interval BLOOD GROUPING AND Rh 'AB' 'Positive'

TYPING

(EDTA Blood/Agglutination)

INTERPRETATION: Reconfirm the Blood group and Typing before blood transfusion

BUN / Creatinine Ratio

8.16

6.0 - 22.0

Glucose Fasting (FBS) (Plasma - F/GOD-PAP)

93.7

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

Glucose, Fasting (Urine) (Urine - F/GOD - POD)

Negative

Negative

Glucose Postprandial (PPBS) (Plasma - PP/GOD-PAP)

100.2

mg/dL

70 - 140

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.

Urine Glucose(PP-2 hours) (Urine - PP)	Negative	-, diabetic inci	Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	8.0	mg/dL	7.0 - 21
Creatinine (Serum/Modified laffe)	0.98 r	ng/dL	0.9 - 1.3

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

Uric Acid (Serum/Enzymatic)

4.4

mg/dL

3.5 - 7.2

Liver Function Test

Bilirubin(Total) (Serum/DCA with ATCS)

0.52

mg/dL

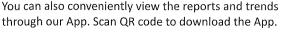
0.1 - 1.2



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The results pertain to sample tested.

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<u>Investigation</u>	Observed	11	
	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u>
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.15	mg/dL	Reference Interval 0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.37	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/ <i>Modified IFCC</i>)	23.5	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	15.1	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	19.7	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	53.1	U/L	53 - 128
Total Protein (Serum/ <i>Biuret</i>)	7.43	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.26	gm/dl	3.5 - 5.2
Globulin (Serum/ <i>Derived</i>)	3.17	gm/dL	2.3 - 3.6
A: GRATIO (Serum/Derived)	1.34		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	216.8	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	132.8	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500



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Investigation

Observed <u>Unit</u> **Biological Value** Reference Interval 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

HDL Cholesterol 43.9 mg/dL Optimal(Negative Risk Factor): >= (Serum/Immunoinhibition) Borderline: 40 - 59

LDL Cholesterol 146.3 (Serum/Calculated)

VLDL Cholesterol

(Serum/Calculated) Non HDL Cholesterol

(Serum/Calculated)

mg/dL

172.9

mg/dL

mg/dL

Optimal: < 130

Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

60

High Risk: < 40

Optimal: < 100

Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190

< 30

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

Total Cholesterol/HDL Cholesterol Ratio

(Serum/Calculated)

Triglyceride/HDL Cholesterol Ratio (TG/HDL)

(Serum/Calculated)

4.9

26.6

3

Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0

Optimal: < 3.3

Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0

M.D(Path)

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former at the			
Investigation	<u>Observed</u>	<u>Unit</u>	<u>Biological</u>
LDL/HDL Cholesterol Ratio (Serum/Calculated)	<u>Value</u> 3.3		Reference Interval Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total

0.75

ng/ml

0.7 - 2.04

(Serum/Chemiluminescent Immunometric Assay (CLIA))

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

5.00

μg/dl

4.2 - 12.0

(Serum/Chemiluminescent Immunometric Assay (CLIA))

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

TSH (Thyroid Stimulating Hormone) (Serum/Chemiluminescent Immunometric Assay

(CLIA))

1.11

μIU/mL

0.35 - 5.50

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 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

<u> Urine Analysis - Routine</u>

COLOUR

(Urine)

Pale Yellow

Yellow to Amber

Saravanan M.D(Path) sultant Pathologist Reg No : 73347

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Lab Address: MEDALL HEALTHCARE PRIVATE LIMITED,#17,RACE VIEW COLONY, 2ND STREET, RACE COURSE ROAD, GUINDY, CHENNAI, TAMIL NADU, INDIA,.

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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
APPEARANCE (Urine)	Clear		Clear
Protein (Urine/Protein error of indicator)	Negative		Negative
Glucose (Urine/GOD - POD)	Negative		Negative
Pus Cells (Urine/Automated – Flow cytometry)	1 - 2	/hpf	NIL
Epithelial Cells (Urine/Automated – Flow cytometry)	1 - 2	/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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Observed Value	<u>Unit</u>	<u>Biological</u>
		Reference Interval
14.8	g/dL	13.5 - 18.0
42.8	%	42 - 52
5.11	mill/cu.mm	4.7 - 6.0
83.9	fL	78 - 100
29.0	pg	27 - 32
34.6	g/dL	32 - 36
14.1	%	11.5 - 16.0
41.6	fL	39 - 46
7000	cells/cu.mm	4000 - 11000
54.1	%	40 - 75
33.8	%	20 - 45
2.9	%	01 - 06
8.5	%	01 - 10
	14.8 42.8 5.11 83.9 29.0 34.6 14.1 41.6 7000 54.1 33.8	Value 14.8 g/dL 42.8 % 5.11 mill/cu.mm 83.9 fL 29.0 pg 34.6 g/dL 14.1 % 41.6 fL 7000 cells/cu.mm 54.1 % 33.8 % 2.9 %



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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u>
Basophils	0.7	%	Reference Interval
(EDTA Blood Impedance Variation & Flow Cytometry)	0.7	/0	00 - 02
INTERPRETATION: Tests done on Automated Absolute Neutrophil count	Five Part cell conn	ter All abnormal requ	Ha ana mari
Absolute Neutrophil count	3.8	10^3 / μ1	
(EDTA Blood/Impedance Variation & Flow Cytometry)	5.6	10.37 μ1	1.5 - 6.6
Absolute Lymphocyte Count	2.4	10^3 / μ1	1.5 - 3.5
(EDTA Blood/Impedance Variation & Flow Cytometry)			1.3 - 3.3
Absolute Eosinophil Count (AEC)	0.2	10^3 / μ1	
(EDTA Blood/Impedance Variation & Flow Cytometry)		10 37 μι	0.04 - 0.44
Absolute Monocyte Count	0.6	10^3 / µl	< 1.0
(EDTA Blood'Impedance Variation & Flow Cytometry)			< 1.0
Absolute Basophil count	0.1	10^3 / μ1	
(EDTA Blood/Impedance Variation & Flow Cytometry)		10 37 μ1	< 0.2
Platelet Count	257	10^3 / μ1	
(EDTA Blood Impedance Variation)	237	10 37 μ1	150 - 450
MPV	8.1	fL	
(EDTA Blood/Derived from Impedance)	0.1	11.	7.9 - 13.7
PCT	0.207	%	
(EDTA Blood/Automated Blood cell Counter)	0.207	70	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate)	2	mm/hr	- 15
(Blood/Automated - Westergren method)			< 15



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Investigation Glycosylated Haemoglobin (HbA1c)	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
HbA1C (Whole Blood/HPLC)	5.4	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

INTERPRETATION: If Diabetes - Good control : 6.1 - 7.0 %, Fair control : 7.1 - 8.0 %, Poor control >= 8.1 % and the second control is 6.1 - 7.0 %.

Estimated Average Glucose (Whole Blood)

108.28 mg/dL

INTERPRETATION: Comments

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency,

hypertriglyceridemia,hyperbilirubinemia,Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbAlC values. Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly, Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.

REG NO:116685 **VERIFIED BY**

APPROVED BY

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DEPARTMENT OF CARDIOLOGY

TRANSTHORACIC RESTING ECHO CARDIOGRAPHY REPORT

ECHO INDICATION: Assessment M MODE & 2-D PARAMETERS:

ACOUSTIC WINDOW: GOOD

DOPPLER PARAMETERS

LV STUDY

IVS(d) 0.6 cm IVS(s) 1.3 cm LPW(d) cm 0.8 LPW(s) 1.0 cm cm 5.4 LVID(d) 3.5 LVID(s) cm 165 EDV ml ESV ml 44 SV 121 ml EF % 72 % 35 FS

Parameters		Patient Value
LA	cm	2.3
AO	cm	2.1

Valves	Velocity max(m/sec mm/Hg)
PV	0.8/3 m/s
MV (E)	0.4 m/s
(A)	0.7 m/s
TV (E)	1.0/4 m/s

FINDINGS:

- ❖ No regional wall motion abnormality.
- ❖ Normal left ventricle systolic function.
- ❖ Grade I LV diastolic dysfunction.
- * Normal chambers dimension.
- * Trivial MR and AR.
- * Normal pericardium/Intact septae.
- ❖ No clot/aneurysm.

IMPRESSION:

- ▶ NO REGIONAL WALL MOTION ABNORMALITY. .
- ▶ NORMAL LEFT VENTRICLE SYSTOLIC FUNCTION.

S. VIGNESH M.Sc., ECHO TECHNICIAN

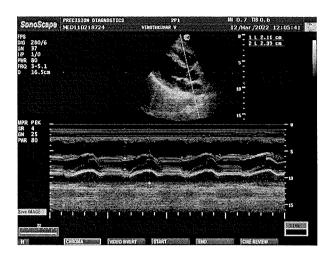


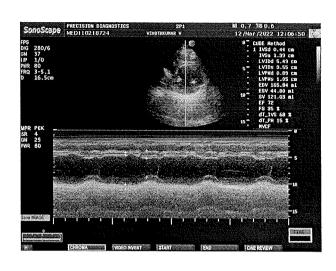


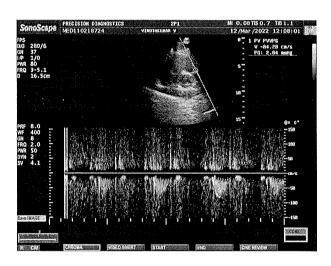
Precision Diagnostics-vadapalani

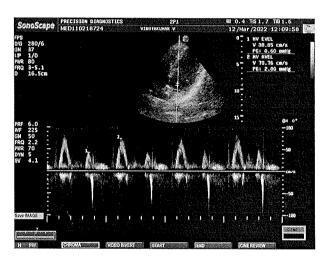
58/6, Revathy street, Jawarlal nehru road, 100 feet Road, (Former State ElectionCommission Office),

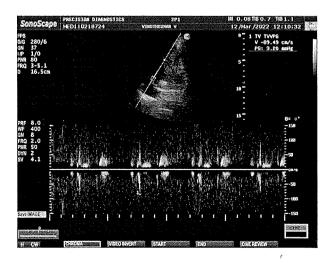
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SONOGRAM REPORT

WHOLE ABDOMEN

The liver is normal in size and shows uniform echotexture with no focal abnormality.

The gall bladder is normal sized, smooth walled and contains no calculus.

There is no intra or extra hepatic biliary ductal dilatation.

The pancreas shows a normal configuration and echotexture. The pancreatic duct is normal.

The portal vein and IVC are normal.

The spleen is normal.

There is no free or loculated peritoneal fluid.

No para aortic lymphadenopathy is seen.

No abnormality is seen in the region of the adrenal glands.

The right kidney measures 10.5 x 4.7 cm and has a calculus of 5.4 mm in the upper mid pole.

The left kidney measures 10.1 x 6.0 cm and has a calculus of 4.6 mm in the lower pole.

Both kidneys are normal in size, shape and position. Cortical echoes are normal bilaterally.

There is no calyceal dilatation.

The ureters are not dilated.

The bladder is smooth walled and uniformly transonic. There is no intravesical mass or calculus.

The prostate measures 2.9 x 3.0 x 2.8 cm (13.2 cc) and is normal sized.

The echotexture is homogeneous.





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The seminal vesicles are normal.

Iliac fossae are normal.

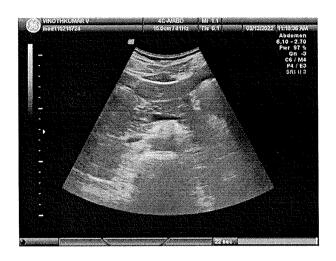
IMPRESSION:

- Bilateral renal calculi.
- Other organs are normal.

DR. UMALAKSHMI SONOLOGIST

Precision Diagnostics-vadapalani 58/6, Revathy street, Jawarlal nehru road, 100 feet Road, (Former State ElectionCommission Office),

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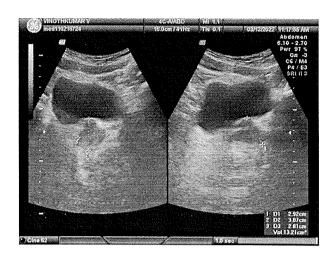


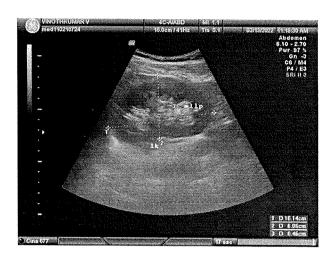


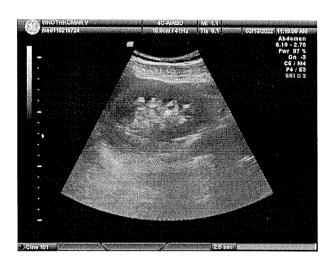


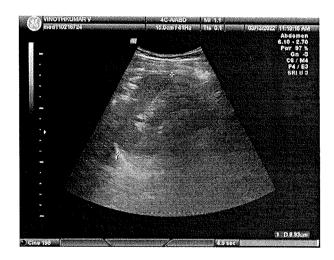
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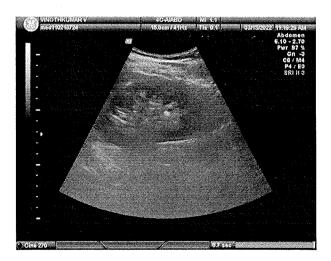
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Age & Gender	36Y/M	Customer ID	MED110218724
Ref Doctor		Visit Date	Mar 12 2022 9:49AM
Kei Doctor	MediWheel		

X- RAY CHEST PA VIEW

Trachea appears normal.

Cardiothoracic ratio is within normal limits.

Bilateral lung fields appear normal.

Costo and cardiophrenic angles appear normal.

Visualised bony structures appear normal.

Extra thoracic soft tissues shadow grossly appears normal.

IMPRESSION:

Chest x-ray shows no significant abnormality.

Dr. Rama Krishnan, MD, DNB., Consultant Radiologist. Medall Healthcare Pvt Ltd.



