PID No.
 : MED111966827
 Register On
 : 25/11/2023 8:00 AM

 SID No.
 : 80539610
 Collection On
 : 25/11/2023 8:30 AM

 Age / Sex
 : 62 Year(s) / Male
 Report On
 : 25/11/2023 4:01 PM

 Type
 : OP
 Printed On
 : 28/11/2023 7:04 PM

Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BLOOD GROUPING AND Rh TYPING	'B' 'Positive'		
(Blood/Agglutination) Complete Blood Count With - ESR			
Haemoglobin (Blood/Spectrophotometry)	14.4	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (Blood/Numeric Integration of MCV)	43.8	%	42 - 52
RBC Count (Blood/Electrical Impedance)	4.97	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (Blood/Calculated)	88.1	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (Blood/Calculated)	29.0	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (Blood/Calculated)	32.9	g/dL	32 - 36
RDW-CV (Calculated)	14.9	%	11.5 - 16.0
RDW-SD (Calculated)	45.94	fL	39 - 46
Total Leukocyte Count (TC) (Blood/Electrical Impedance)	9420	cells/cu.m m	4000 - 11000
Neutrophils (Blood/Impedance and absorbance)	67.94	%	40 - 75
Lymphocytes (Blood/Impedance and absorbance)	23.87	%	20 - 45
Eosinophils (Blood/Impedance and absorbance)	1.07	%	01 - 06







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Monocytes (Blood/ <i>Impedance and absorbance</i>)	6.78	%	01 - 10
Basophils (Blood/ <i>Impedance and absorbance</i>)	0.33	%	00 - 02
INTERPRETATION: Tests done on Automated F	ive Part cell counter. Al	l abnormal results are re	eviewed and confirmed microscopically.
Absolute Neutrophil count (Blood/ <i>Impedance and absorbance</i>)	6.40	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (Blood/ <i>Impedance</i>)	2.25	10^3 / μ1	1.5 - 3.5
Absolute Eosinophil Count (AEC) (Blood/Impedance)	0.10	10^3 / μ1	0.04 - 0.44
Absolute Monocyte Count (Blood/Impedance)	0.64	10^3 / μ1	< 1.0
Absolute Basophil count (Blood/Impedance)	0.03	10^3 / μ1	< 0.2
Platelet Count (Blood/Impedance)	2.24	lakh/cu.m m	1.4 - 4.5
INTERPRETATION: Platelet count less than 1.5	lakhs will be confirmed	microscopically.	
MPV (Blood/ <i>Derived from Impedance</i>)	9.35	fL	7.9 - 13.7
PCT (Calculated)	0.21	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser)	11	mm/hr	< 20
BUN / Creatinine Ratio	10.1		
Glucose Fasting (FBS) (Plasma - F/Glucose oxidase/Peroxidase)	105	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126







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Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
INTERPRETATION: Factors such as	type, quantity and time of food intake	e, Physical activ	ity, Psychological stress, and drugs can influent

uence blood glucose level.

Glucose, Fasting (Urine) (Urine - F)	Negative		Negative
Glucose Postprandial (PPBS) (Plasma - PP/GOD - POD)	374	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)	Trace		Negative
Blood Urea Nitrogen (BUN) (Serum/Calculated)	11.2	mg/dL	7.0 - 21
Creatinine (Serum/Jaffe - Alkaline Picrate)	1.1	mg/dL	0.8 - 1.3
Uric Acid (Serum/ <i>Uricase/Peroxidase</i>)	2.7	mg/dL	3.5 - 7.2
Liver Function Test			
Bilirubin(Total) (Serum/Diazotized Sulphanilic acid)	0.7	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulphanilic acid)	0.2	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Calculated)	0.5	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/IFCC without P-5-P)	21	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/IFCC without P-5-P)	20	U/L	5 - 41







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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Alkaline Phosphatase (SAP) (Serum/IFCC AMP Buffer)	94	U/L	56 - 119
Total Protein (Serum/Biuret)	6.8	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	3.9	gm/dl	3.5 - 5.2
Globulin (Serum/Calculated)	2.90	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Calculated) INTERPRETATION: Enclosure : Graph	1.34		1.1 - 2.2
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	12	U/L	< 55
<u>Lipid Profile</u>			
Cholesterol Total (Serum/Cholesterol oxidase/Peroxidase)	133	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/Glycerol-phosphate oxidase/Peroxidase)	62	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

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 57 mg/dL Optimal(Negative Risk Factor): >= 60 (Serum/Immunoinhibition) Borderline: 40 - 59 High Risk: < 40







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The results pertain to sample tested.

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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
LDL Cholesterol (Serum/Calculated)	63.6	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	12.4	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	76.0	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)	2.3	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)	1.1	Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	1.1	Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

Glycosylated Haemoglobin (HbA1c)







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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
HbA1C	13.4	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4
(Whole Blood/HPLC-Ion exchange)			Diabetic: >= 6.5

INTERPRETATION: If Diabetes - Good control: 6.1 - 7.0 %, Fair control: 7.1 - 8.0 %, Poor control >= 8.1 %

Mean Blood Glucose 337.88 mg/dl

(Whole Blood)

INTERPRETATION: Comments

(Serum/Manometric method)

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.

Prostate specific antigen - Total(PSA)

0.736

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: Analytical sensitivity: 0.008 - 100 ng/mL

PSA is a tumor marker for screening of prostate cancer. Increased levels of PSA are associated with prostate cancer and benign conditions like bacterial infection, inflammation of prostate gland and benign hypertrophy of prostate/ benign prostatic hyperplasia (BPH).

Transient elevation of PSA levels are seen following digital rectal examination, rigorous physical activity like bicycle riding, ejaculation within 24 hours.

PSA levels tend to increase in all men as they age.

Clinical Utility of PSA:

dn the early detection of Prostate cancer.

As an aid in discriminating between Prostate cancer and Benign Prostatic disease.

ðTo detect cancer recurrence or disease progression.

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 0.71 ng/ml 0.4 - 1.81

(Serum/Chemiluminescent Immunometric Assay (CLIA))







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Investigation Observed Unit Biological Value Reference Interval

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 (Thyroxine) - Total 10.12 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 Metabolically active.

TSH (Thyroid Stimulating Hormone) 6.13 µIU/mL 0.35 - 5.50

(Serum/Chemiluminescence)

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>

Others Nil

(Urine/Microscopy)

INTERPRETATION: Note: Done with Automated Urine Analyser & microscopy

Physical Examination(Urine Routine)

Colour Pale yellow Yellow to Amber

(Urine/Physical examination)







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Investigation Appearance (Urine/Physical examination)	Observed Unit Value clear		Biological Reference Interval Clear
Chemical Examination(Urine Routine)			
Protein (Urine/Dipstick-Error of indicator/ Sulphosalicylic acid method)	Negative		Negative
Glucose (Urine/Dip Stick Method / Glucose Oxidase - Peroxidase / Benedict s semi quantitative method.)	Negative		Negative
<u>Microscopic Examination(Urine</u> <u>Routine)</u>			
Pus Cells (Urine/Microscopy exam of urine sediment)	4-5	/hpf	0 - 5
Epithelial Cells (Urine/Microscopy exam of urine sediment)	1-2	/hpf	NIL
RBCs (Urine/Microscopy exam of urine sediment)	Nil	/hpf	0 - 5







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-- End of Report --

Name	MR.V V SATYANARAYANA	ID	MED111966827
Age & Gender	62Y/MALE	Visit Date	25 Nov 2023
Ref Doctor Name	MediWheel		

ECHOCARDIOGRAM REPORT M - MODE STUDY

LA : 2.6 cm L.V.D. (D) : 4.3 cm LVEF : 67 %

AO : 2.0 cm L.V.D. (S) : 2.7 cm FS : 37 %

IVS (D) : 1.0 cm LVPW (D) : 1.0cm

TWO DIMENSIONAL ECHOCARDIOGRAPHIC STUDY

VALVES

1.Mitral : Normal 2.Aortic : Normal 3.Pulmonary : Normal 4.Tricuspid : Normal

CHAMBERS

1.Left Atrium : Normal 2.Right Atrium : Normal 3.Left Ventricle : Normal 4.Right Ventricle : Normal

SEPTAE

1.I.A.S. : Intact 2.I.V.S. : Intact

GREAT ARTERIES

1.Aorta : Normal 2.Pulm-Artery : Normal

PERICARDIUM / OTHERS: No pericardial effusion

COLOUR FLOW MAPPING MR AR TR PR

-- -- -- --

DOPPLER STUDY

M.V.DIASTOLIC FLOW : E > A
AORTIC VALVE SYSTOLIC FLOW : 1.1 mt/sec
PULMONARY VALVE SYSTOLIC FLOW : 0.7 mt/sec

IMPRESSION:

NORMAL CHAMBERS /

NORMAL VALVES.

• NO RWMA OF LV.

NO MR / NO AR / NO TR/

NO PAH.

• NO PE / NO LV CLOTS.

GOOD LV/RV SYSTOLIC

FUNCTION.

Name	MR.V V SATYANARAYANA	ID	MED111966827
Age & Gender	62Y/MALE	Visit Date	25 Nov 2023
Ref Doctor Name	MediWheel		

Dr. B. SRIKANTH MD DM CONSULTANT CARDIOLOGIST

Name	Mr. V V SATYANARAYANA	Customer ID	MED111966827
Age & Gender	62Y/M	Visit Date	Nov 25 2023 7:59AM
Ref Doctor	MediWheel		

ULTRASOUND WHOLE ABDOMEN

Liver : Normal in size (13.1 cm) with regular outlines and normal

echopattern.

There is no evidence of IHBR / EHBR dilatation seen.

No focal space occupying lesions seen.

CBD is normal. PV normal.

Gall Bladder : Normal in volume and wall thickness.

No e/o intraluminal calculi seen.

Pancreas : Head, body and tail are identified with normal echopattern

and smooth outlines.

Spleen : Measured 8.4 cm, in size with normal echotexture.

Right kidney : Measured 9.9 x 4.6 cm in size.

Left kidney : Measured 9.2 x 4.5 cm in size.

Both kidneys are normal in size, position, with well preserved cortico medullary differentiation and normal pelvicalyceal

anatomy.

No e/o calculi / space occupying lesion seen. No e/o suprarenal / retroperitoneal masses noted.

Urinary : Normal in volume and wall thickness.
bladder No e/o intraluminal calculi / masses seen.

No e/o intratuminal calcuit / masses seen

- Post void residue - 20 cc (Not significant).

Prostate : Measured 3.7 x 3.5 x 3.7 cm (Vol : 25.8 cc), mildly

enlarged in size with normal echotexture.

No e/o ascites / pleural effusion seen. No e/o detectable bowel pathology seen.

IMPRESSION:

• Grade I prostatomegaly with insignificant post void residue.

Name	Mr. V V SATYANARAYANA	Customer ID	MED111966827
Age & Gender	62Y/M	Visit Date	Nov 25 2023 7:59AM
Ref Doctor	MediWheel		

- For clinical correlation.

 $Dr. Jahn\, av\, i\, Barla\, , MD\, (RD)$

Consultant Radiologist

Name	Mr. V V SATYANARAYANA	Customer ID	MED111966827
Age & Gender	62Y/M	Visit Date	Nov 25 2023 7:59AM
Ref Doctor	MediWheel		

RADIOGRAPH CHEST P.A. VIEW

The Cardiac size and configuration are normal.

The Aorta and Pulmonary Vasculature are normal.

Both the lungs are clear.

Both Costophrenic angles are normal.

The soft tissues and bones of thorax are normal.

IMPRESSION:

- Essentially normal study.
- For clinical correlation.

Dr.Jahn avi Barla, MD (RD)

Consultant Radiologist



(Medall Healthcare Pvt Ltd)

SASH SELF REFERRAL

Stick the Barcode here

I, give consent to Medall Healthcare Pvt Ltd to perform the SASH Package investigation requested by myself. **General Information:** Name: Mr/Ms/Mrs Date of Birth or Age: Gender: Male Female Contact Number Q **Email ID** Pin Code: Vitals Entry(to be filled by Medall Team) Height **CMS** feet Inches Waist Inches Hip Inches % Fat Weight Kgs **Visceral Fat** RM **BMI** Prasad, M. B B **Body Age** Yrs eg. No. 18363 Systolic BP mm/Hg ASSISTANT SURGEON MEDICAL OFFICER Diastolic BP mm/Hg Primary Health Centre KASIMKOTA-531 031 Clinical History / Medicines taken VISAKHA Dist. Disclaimer: I have verified and agreewith all the data in this sheet. **Customer Signature** How did you come to know about SASH In-Store Social Media Friends / Family Radio Theatres Date Emp Name/ID: This form is only for SASH- V 1.5

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SHARADA EYE HOSPITAL

H.No. APGV KHN B00 146, Sharada Eye Hospital Complex Krishnanagar, VISAKHAPATNAM-530 002

Dr. K. Venkateswarlu MD (AIIMS) FRF EYE SURGEON Reg. No. 12677		Date .28.11,23			
Mi V	V Salyà nonze	63. D.	MTDPA		
Vihian Eglanes	6/6 +1.25 Sp	1+3.75			
Ant Seg	normal	nama			
Fundin Color Vision	namal	M AMA	<i>p</i>		
Eyls	normal	M.B., M.D. (Oph. A.I.I.M.S.), F.R. Sharada Eve Hospital VIBAKHAPATNAM-2 Pegd. No. 12677			