Mob:8618385220

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SRI PARVATHI OPTICS

Multi Branded Opticals Store

Computerized Eye Testing & Spectacles Clinic

333.8th Main 5th Cross Near Cambridge & Miranda School HAL 3rd Stage Behind Vishveshvariah Park New Thippasandra, Bangalore - 560075, Email: parvathiopticals@gmail.com / www.sriparvathioptics.in

SPECTACLE PRESCRIPTION

Name: A Khil Sunny

No. 2136

Mobil No: 9074049 230

Date: 14/01/23

Age / Gender 344/M

Ref. No.

	RIGHT EYE				LEFT EYE			
	SPH	CYL	AXIS	VISION	SPH	CYL	AXIS	VISION
DISTANCE	3.50	3.25	6	6/6	5.50	2.00	180	6/6
NEAR								

PD	63	m	m
			•

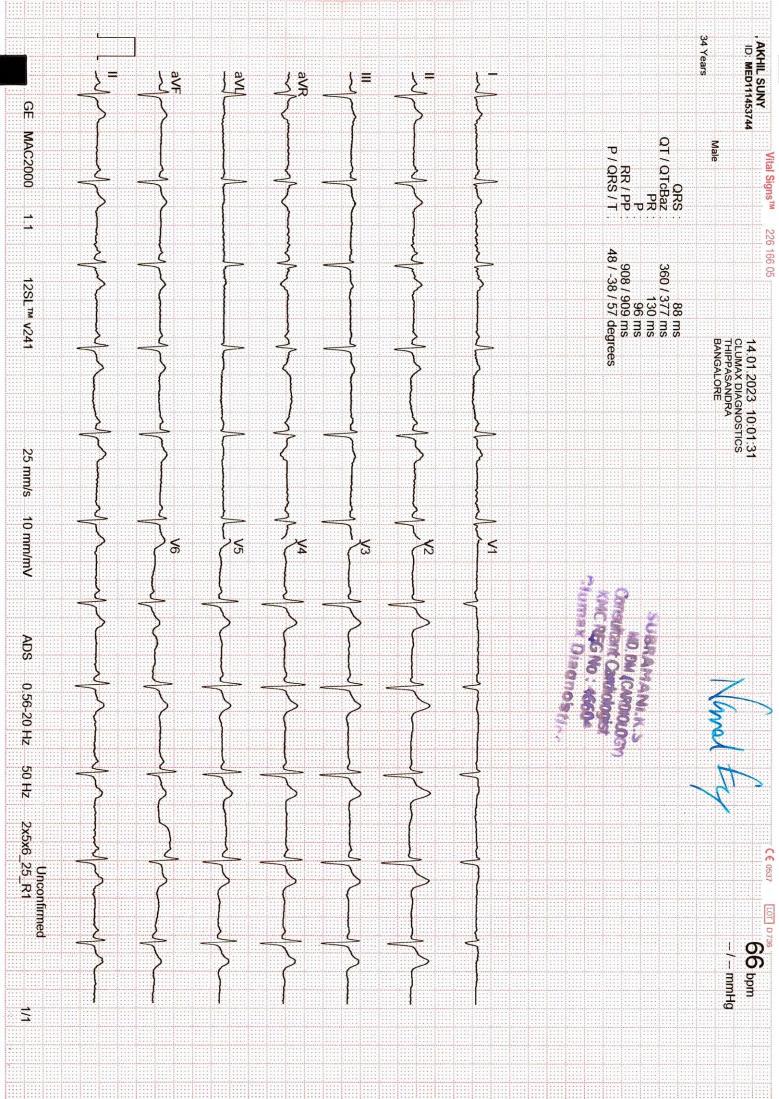
Advice to use glasses for:

DISTANCE FAR & NEAR READING COMPUTER PURFOSE

We Care Your Eyes

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NEW THIPPASANDRA



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 14/01/2023 9:29 AM

 Age / Sex
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 34 Year(s) / Male
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 20/01/2023 8:50 AM

Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	Biological Reference Interval
HAEMATOLOGY			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	15.97	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	48.0	%	42 - 52
RBC Count (EDTA Blood)	5.36	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood)	89.5	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	29.8	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	33.3	g/dL	32 - 36
RDW-CV (EDTA Blood)	13.7	%	11.5 - 16.0
RDW-SD (EDTA Blood)	42.92	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	6600	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood)	46.79	%	40 - 75
Lymphocytes (EDTA Blood)	40.65	%	20 - 45
Eosinophils (EDTA Blood)	4.58	%	01 - 06



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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Monocytes (EDTA Blood)	7.66	%	01 - 10
Basophils (Blood)	0.32	%	00 - 02
INTERPRETATION: Tests done on Automated Five P	art cell counter. All	abnormal results are	reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	3.09	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	2.68	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.30	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.51	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood)	0.02	10^3 / μl	< 0.2
Platelet Count (EDTA Blood)	310.9	10^3 / μl	150 - 450
MPV (EDTA Blood)	8.15	fL	7.9 - 13.7
PCT (EDTA Blood/Automated Blood cell Counter)	0.25	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	5	mm/hr	< 15



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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BIOCHEMISTRY			
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.63	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.22	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.41	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/ <i>Modified IFCC</i>)	19.68	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	24.35	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	85.08	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/ <i>Modified IFCC</i>)	87.8	U/L	53 - 128
Total Protein (Serum/Biuret)	7.18	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.50	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.68	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.68		1.1 - 2.2



VERIFIED BY



Name : Mr. Akhil Sunny PID No. : MED111453744

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Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	226.52	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	149.39	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.

r · · · · · · · · · · · · · · · · · · ·			
HDL Cholesterol (Serum/Immunoinhibition)	34.25	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	162.4	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	29.9	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	192.3	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220





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

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	6.6	Optimal: < 3.3
(Serum/Calculated)		Low Risk: 3.4 - 4.4
		Average Risk: 4.5 - 7.1
		Moderate Dick: 7.2 11.0

Moderate Risk: 7.2 - 11.0 High Risk: > 11.0

Triglyceride/HDL Cholesterol Ratio 4.4 Optimal: < 2.5

(TG/HDL) Mild to moderate risk: 2.5 - 5.0 (Serum/Calculated) High Risk: > 5.0

erum/Calculated)

LDL/HDL Cholesterol Ratio

4.7 Optimal: 0.5 - 3.0

(Serum/Calculated)
Borderline: 3.1 - 6.0
High Risk: > 6.0



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<u>Investigation</u>	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/HPLC)	5.6	%	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 %

Estimated Average Glucose 114.02 mg/dL

(Whole Blood)

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 HbAlc.



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

: 20/01/2023 8:50 AM

IMMUNOASSAY

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 1.11 ng/ml 0.7 - 2.04

(Serum/ECLIA)

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 7.67 $\mu g/dl$ 4.2 - 12.0

(Serum/ECLIA)

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) 1.84 µIU/mL 0.35 - 5.50

(Serum/ECLIA)

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.



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InvestigationObservedUnitBiologicalValueReference Interval

CLINICAL PATHOLOGY

PHYSICAL EXAMINATION (URINE COMPLETE)

Colour Yellow Yellow Yellow to Amber

(Urine)

Appearance Clear Clear

(Urine)

Volume(CLU) 25

(Urine)

CHEMICAL EXAMINATION (URINE

COMPLETE)

pH 6.0 4.5 - 8.0

(Urine)

Specific Gravity 1.010 1.002 - 1.035

(Urine)

Ketone Negative Negative

(Urine)

Urobilinogen Normal Normal

(Urine)

Blood Negative Negative

(Urine)

Nitrite Negative Negative

(Urine)

Bilirubin Negative Negative

(Urine)

Protein Negative Negative

(Urine)



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InvestigationObserved
ValueUnit
NationBiological
Reference Interval

Glucose Negative Negative

(Urine/GOD - POD)

Leukocytes(CP) Negative Negative

(Urine)

MICROSCOPIC EXAMINATION (URINE COMPLETE)

Pus Cells 0-1 /hpf NIL

(Urine)

Epithelial Cells 0-1 /hpf NIL

(Urine)

RBCs NIL /HPF NIL

(Urine)

Others

(Urine)

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

Casts NIL /hpf NIL

(Urine)

Crystals NIL /hpf NIL

(Urine)



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Investigation

<u>Observed</u> <u>Value</u>

<u>Unit</u>

Biological Reference Interval

IMMUNOHAEMATOLOGY

BLOOD GROUPING AND Rh TYPING

(EDTA Blood/Agglutination)

'B' 'Positive'



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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BIOCHEMISTRY			
BUN / Creatinine Ratio	7.6		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	87.60	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)	Negative		Negative
(Urine - F/GOD - POD)			
Glucose Postprandial (PPBS)	91.22	mg/dL	70 - 140

(Plasma - PP/GOD-PAP)

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 resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Blood Urea Nitrogen (BUN)	7.7	mg/dL	7.0 - 21
(Serum/ <i>Urease UV / derived</i>)			
Creatinine	1.01	mg/dL	0.9 - 1.3
(Serum/Modified Jaffe)			

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-acetylcyteine , chemotherapeutic agent such as flucytosine

Uric Acid 6.02 mg/dL 3.5 - 7.2 (Serum/Enzymatic)





APPROVED BY

-- End of Report --

Name	MR.AKHIL SUNNY	ID	MED111453744
Age & Gender	34Y/MALE	Visit Date	14 Jan 2023
Ref Doctor Name	MediWheel		

2 D ECHOCARDIOGRAPHIC STUDY

M mode measurement:

AORTA : 3.2cms

LEFT ATRIUM : 3.5cms

AVS :----

LEFT VENTRICLE (DIASTOLE) : 4.7cms

(SYSTOLE) : 3.2cms

VENTRICULAR SEPTUM (DIASTOLE) : 0.8cms

(SYSTOLE) : 1.1cms

POSTERIOR WALL (DIASTOLE) : 0.9cms

(SYSTOLE) : 1.4cms

EDV : 104ml

ESV : 41ml

FRACTIONAL SHORTENING : 32%

EJECTION FRACTION : 60%

EPSS :---

RVID : 1.82cms

DOPPLER MEASUREMENTS:

MITRAL VALVE : E' 0.80 m/s A' 0.50 m/s NO MR

AORTIC VALVE : 0.90 m/s NO AR

TRICUSPID VALVE : E' - m/s A' - m/s NO TR

PULMONARY VALVE : 1.08 m/s NO PR

Name	MR.AKHIL SUNNY	ID	MED111453744
Age & Gender	34Y/MALE	Visit Date	14 Jan 2023
Ref Doctor Name	MediWheel		

2D ECHOCARDIOGRAPHY FINDINGS:

Left ventricle : Normal size, Normal systolic function.

No regional wall motion abnormalities.

Left Atrium : Normal.

Right Ventricle : Normal.

Right Atrium : Normal.

Mitral valve : Normal, No mitral valve prolapsed.

Aortic valve : Normal, Trileaflet.

Tricuspid valve : Normal.

Pulmonary valve : Normal.

IAS : Intact.

IVS : Intact.

Pericardium : No pericardial effusion.

IMPRESSION:

- > NORMAL SIZED CARDIAC CHAMBERS.
- > NORMAL LV SYSTOLIC FUNCTION. EF: 60%.
- > NO REGIONAL WALL MOTION ABNORMALITIES.
- > NORMAL VALVES.
- > NO CLOTS / PERICARDIAL EFFUSION / VEGETATION.

DR. K.S. SUBRAMANI. MBBS, MD, DM (CARDIOLOGY) FESC, FICC SENIOR CONSULTANT INTERVENTIONAL CARDIOLOGIST Kss/

Note:

^{*} Report to be interpreted by qualified medical professional.

Name	MR.AKHIL SUNNY	ID	MED111453744
Age & Gender	34Y/MALE	Visit Date	14 Jan 2023
Ref Doctor Name	MediWheel		

^{*} To be correlated with other clinical findings.

* Parameters may be subjected to inter and intra observer variations.

* Any discrepancy in reports due to typing errors should be corrected as soon as possible.

Name	MR.AKHIL SUNNY	ID	MED111453744
Age & Gender	34Y/MALE	Visit Date	14 Jan 2023
Ref Doctor Name	MediWheel		

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in size and shows diffuse fatty changes. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER is moderately distended. Phrygian cap noted. No evidence of intraluminal calculi or calculi within the phrygian cap. Gall bladder wall is of normal thickness. CBD is of normal calibre.

PANCREAS has normal shape, size and uniform echopattern. No evidence of ductal dilatation or calcification.

SPLEEN shows normal shape, size and echopattern. Spleen measures 9.1cms in long axis. No demonstrable Para -aortic lymphadenopathy.

KIDNEYS move well with respiration and have normal shape, size and echopattern. Cortico- medullary differentiations are well madeout. No evidence of calculus or hydronephrosis.

The kidney measures as follows:

·	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	10.0	1.6
Left Kidney	11.0	1.9

URINARY BLADDER shows normal shape and wall thickness. It has clear contents. No evidence of diverticula.

PROSTATE shows normal shape, size and echopattern. It measures 3.2 x 3.9 x 3.2cms (Vol:21cc).

No evidence of ascites / pleural effusion.

IMPRESSION:

- > GRADE I FATTY LIVER.
- > NO OTHER SIGNIFICANT ABNORMALITY DETECTED.

DR. MANIMALA RUPA CONSULTANT RADIOLOGIST MR/vp

Name	Akhil Sunny	Customer ID	MED111453744
Age & Gender	34Y/M	Visit Date	Jan 14 2023 9:03AM
Ref Doctor	MediWheel		

X - RAY CHEST PA VIEW

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral hilar regions appear normal.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

Impression: Essentially normal study.

DR. MANIMALA RUPA
CONSULTANT RADIOLOGIST