Mahesh Mob:8618385220 9901569756



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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

ame: Babu Greethu

No. 2135

bil No: 9074049230

Date: 14/01/23

9/Gender 29 4/1=

Ref. No.

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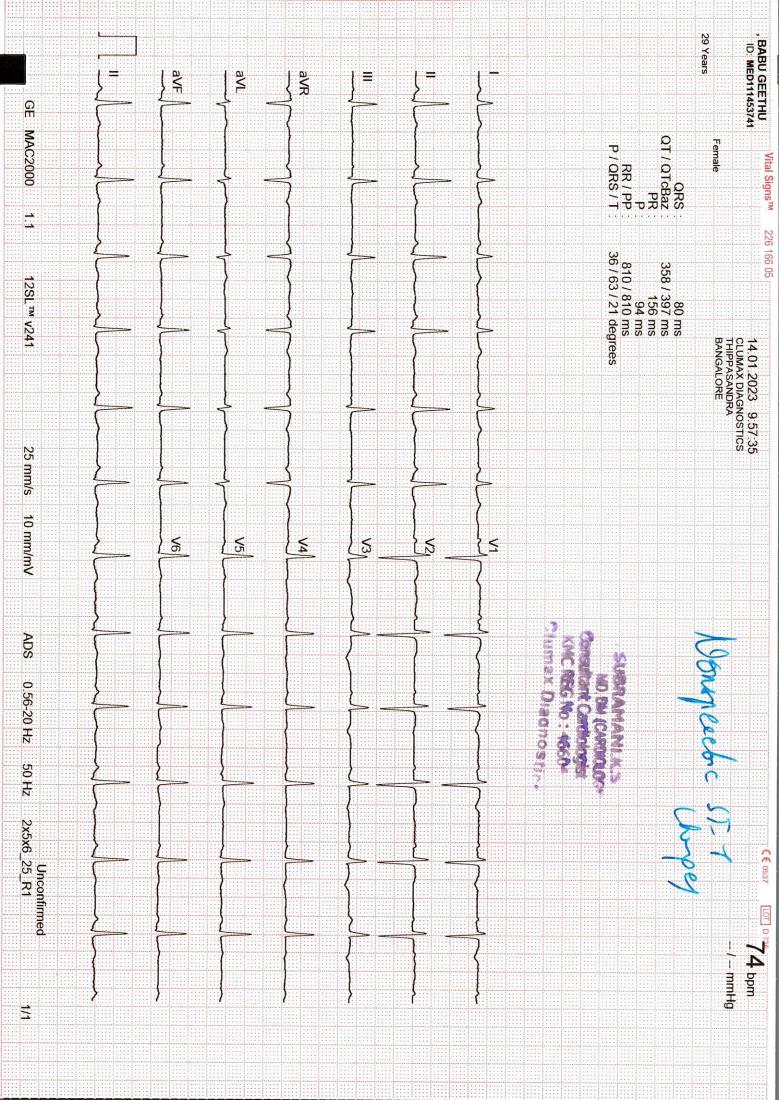
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☐ FAR & NEAR ☐ READING ☐ COMPUTER PURFOSE

Your Eyes

SRI PARVATHI OPTICS

NEW THIPPASANDRA



 PID No.
 : MED111453741
 Register On
 : 14/01/2023 9:01 AM

 SID No.
 : 423002246
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 : 29 Year(s) / Female
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Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
HAEMATOLOGY			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood'Spectrophotometry)	13.5	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	41.0	%	37 - 47
RBC Count (EDTA Blood)	4.75	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood)	86.2	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	28.5	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	33.0	g/dL	32 - 36
RDW-CV (EDTA Blood)	13.8	%	11.5 - 16.0
RDW-SD (EDTA Blood)	41.63	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	5600	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood)	61.1	%	40 - 75
Lymphocytes (EDTA Blood)	28.9	%	20 - 45
Eosinophils (EDTA Blood)	2.8	%	01 - 06
Monocytes (EDTA Blood)	6.8	%	01 - 10



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Basophils	0.4	%	00 - 02
(Blood)			
INTERPRETATION: Tests done on Automated Five	Part cell counter. All	abnormal results are r	eviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	3.42	10^3 / μΙ	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	1.62	10^3 / μ1	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.16	10^3 / μ1	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.38	10^3 / μ1	< 1.0
Absolute Basophil count (EDTA Blood)	0.02	10^3 / μ1	< 0.2
Platelet Count (EDTA Blood)	298	10^3 / μ1	150 - 450
MPV (EDTA Blood)	7.9	fL	8.0 - 13.3
PCT (EDTA Blood/Automated Blood cell Counter)	0.24	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	12	mm/hr	< 20



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BIOCHEMISTRY			
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	1.16	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.42	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.74	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	15.77	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	14.29	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	20.28	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	55.8	U/L	42 - 98
Total Protein (Serum/Biuret)	7.11	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.51	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.60	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.73		1.1 - 2.2



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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	215.11	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	101.32	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.

part of the day.			
HDL Cholesterol (Serum/Immunoinhibition)	41.04	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	153.8	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	20.3	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	174.1	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220



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<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 5.2 Optimal: < 3.3 (Serum/Calculated) 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 2.5 Optimal: < 2.5

(TG/HDL) Mild to moderate risk: 2.5 - 5.0

(Serum/Calculated) High Risk: > 5.0

LDL/HDL Cholesterol Ratio 3.7 Optimal: 0.5 - 3.0

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

Dr Anusha.K.S Sr.Consultant Pathologist Reg No : 100674

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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/HPLC)	5.0	%	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 96.8 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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	Value		Reference Interval

IMMUNOASSAY

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 0.933 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 7.44 µg/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) 2.36 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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CLINICAL PATHOLOGY

PHYSICAL EXAMINATION (URINE COMPLETE)

Colour Pale yellow Yellow to Amber

(Urine)

Appearance Clear Clear

(Urine)

Volume(CLU) 20

(Urine)

CHEMICAL EXAMINATION (URINE

COMPLETE)

pH 7 4.5 - 8.0

(Urine)

Specific Gravity 1.007 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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Glucose Negative Negative

(Urine/GOD - POD)

Leukocytes(CP) Negative

(Urine)

MICROSCOPIC EXAMINATION (URINE COMPLETE)

Pus Cells 0-1 /hpf NIL

(Urine)

Epithelial Cells (Urine) O-1 /hpf NIL

RBCs NIL /HPF NIL

(Urine)
Others
NIL

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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InvestigationObservedUnitBiologicalValueReference Interval

IMMUNOHAEMATOLOGY

BLOOD GROUPING AND Rh TYPING

(EDTA Blood/Agglutination)

'O' 'Positive'

Dr Anusha.K.S Sr.Consultant Pathologist Reg No : 100674 APPROVED BY

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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	10.5		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	82.20	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)

Glucose Postprandial (PPBS)

Negative

Megative

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

 Blood Urea Nitrogen (BUN)
 6.1
 mg/dL
 7.0 - 21

 (Serum/Urease UV / derived)
 0.58
 mg/dL
 0.6 - 1.1

 $(Serum/Modified\ Jaffe)$

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 etc.

Uric Acid 4.12 mg/dL 2.6 - 6.0

(Serum/Enzymatic)



-- End of Report --

Name	MRS.BABU GEETHU	ID	MED111453741
Age & Gender	29Y/FEMALE	Visit Date	14 Jan 2023
Ref Doctor Name	MediWheel		

2 D ECHOCARDIOGRAPHIC STUDY

M mode measurement:

AORTA : 3.2cms

LEFT ATRIUM : 3.1cms

AVS :----

LEFT VENTRICLE (DIASTOLE) : 4.7cms

(SYSTOLE) : 3.0cms

VENTRICULAR SEPTUM (DIASTOLE) : 0.9cms

(SYSTOLE) : 1.2cms

POSTERIOR WALL (DIASTOLE) : 0.9cms

(SYSTOLE) : 1.3cms

EDV : 101ml

ESV : 34ml

FRACTIONAL SHORTENING : 36%

EJECTION FRACTION : 63%

EPSS :---

RVID : 1.94cms

DOPPLER MEASUREMENTS:

MITRAL VALVE : E' 0.99 m/s A' 0.62 m/s NO MR

AORTIC VALVE : 0.88 m/s NO AR

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

PULMONARY VALVE : 0.94 m/s NO PR

Name	MRS.BABU GEETHU	ID	MED111453741
Age & Gender	29Y/FEMALE	Visit Date	14 Jan 2023
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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: 63%.
- > NO REGIONAL WALL MOTION ABNORMALITIES.
- > NORMAL VALVES.
- > NO CLOTS / PERICARDIAL EFFUSION / VEGETATION.

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

Note:

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

Name	MRS.BABU GEETHU	ID	MED111453741
Age & Gender	29Y/FEMALE	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	MRS.BABU GEETHU	ID	MED111453741
Age & Gender	29Y/FEMALE	Visit Date	14 Jan 2023
Ref Doctor Name	MediWheel		

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER shows normal in shape, size and has uniform echopattern. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER shows normal shape and has clear contents. 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.

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	10.1	1.8
Left Kidney	10.1	1.7

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

UTERUS is anteverted and normal in size. It has uniform myometrial echopattern.

Endometrial thickness measures 6mm

Uterus measures as follows: LS: 7.6cms AP: 3.3cms TS: 3.1cms.

OVARIES are normal in size, shape and echotexture. No focal lesion seen.

Ovaries measure as follows: **Right ovary**: 3.2 x 1.5cms **Left ovary**: 3.0 x 2.2cms

POD & adnexae are free.

No evidence of ascites/pleural effusion.

IMPRESSION:

> NO SIGNIFICANT ABNORMALITY DETECTED.

DR. APARNA CONSULTANT RADIOLOGIST

Name	MRS.BABU GEETHU	ID	MED111453741
Age & Gender	29Y/FEMALE	Visit Date	14 Jan 2023
Ref Doctor Name	MediWheel		

A/vp

Name	BABU GEETHU	Customer ID	MED111453741
Age & Gender	29Y/F	Visit Date	Jan 14 2023 9:01AM
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