Mahesh Mob:8618385220 ಶ್ರೀ ಪಾರ್ವತಿ ಆಫ್ಟಿಕ್ಸ್ 9901569756

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

SPECTACLE PRESCRIPTION

Name: Grayathri

No. 1149

Mobil No: 81476 72001

Date: 02-09-2021

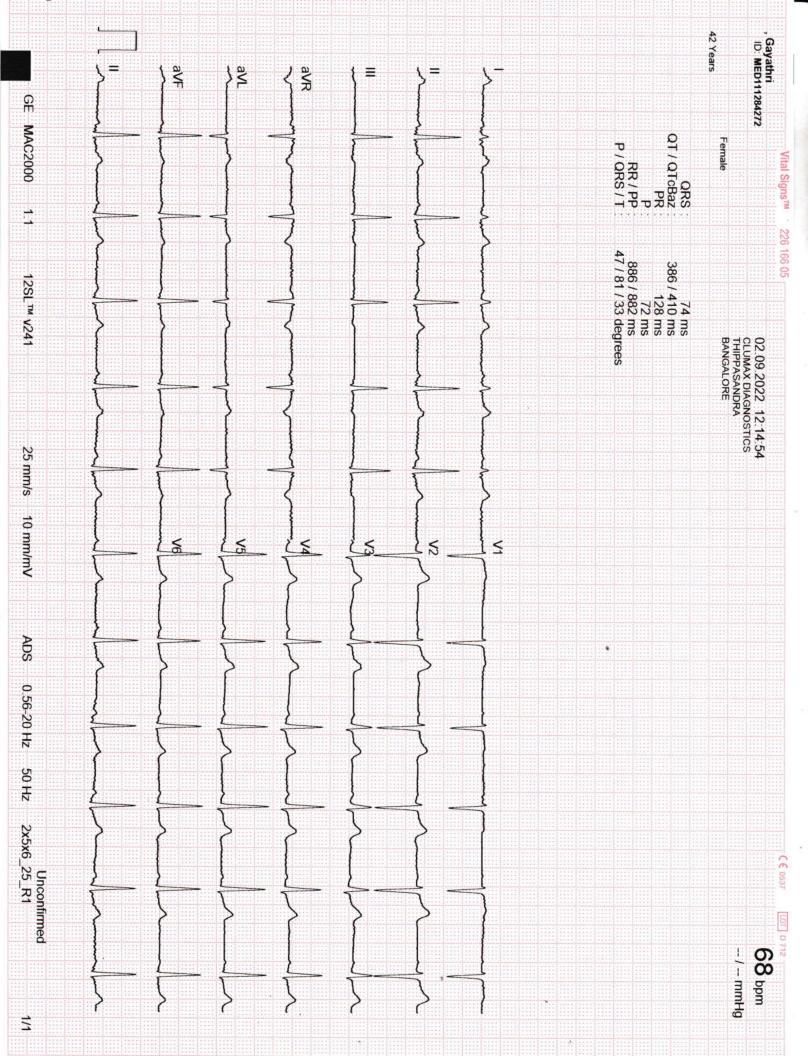
Age / Gender # 29 /F

Ref. No.

	RIGHT EYE			LEFT EYE				
	SPH	CYL	AXIS	VISION	SPH	CYL	AXIS	VISION
DISTANCE	Pla	rno		616	DI	ลกอ		6/6
NEAR					1			- 6

PD 62mm	
Advice to use glasses for:	
☐ DISTANCE ☐ FAR & NEA	R READING COMPUTER PURFOSE
We Care Your Eyes	
	SRI PARVATHI OPTICS

NEW THIPPASANDRA



Name	Gayathri	ID	MED111284272
Age & Gender	42Year(s)/FEMALE	Visit Date	9/2/2022 12:00:00 AM
Ref Doctor Name	MediWheel	-	

X-ray mammogram (mediolateral oblique and craniocaudal views) followed by Sonomammography was performed.

MAMMOGRAPHY OF BOTH BREASTS

Both breasts show symmetrical mixed fibro glandular fatty tissue.

Macro calcification is noted in the left breast

No evidence of focal soft tissue lesion.

No evidence of cluster micro calcification.

Subcutaneous fat deposition is within normal limits.

SONOMAMMOGRAPHY OF BOTH BREASTS

Both breasts show normal echopattern.

No evidence of focal solid / cystic areas in either breast.

No evidence of ductal dilatation.

Few lymphnodes with maintained fatty hilum are noted in both axillae.

IMPRESSION:

> NO SIGNIFICANT ABNORMALITY.

ASSESSMENT: BI-RADS CATEGORY -1

DR. APARNA

CONSULTANT RADIOLOGIST

BI-RADS CLASSIFICATION

CATEGORY	RESULT
0	Assessment incomplete. Need additional imaging evaluation
1	Negative. Routine mammogram in 1 year recommended.
2	Benign finding. Routine mammogram in 1 year recommended.
3	Probably benign finding. Short interval follow-up suggested.
4	Suspicious. Biopsy should be considered.
5	Highly suggestive of malignancy. Appropriate action should be taken.

Name	Gayathri	ID	MED111284272
Age & Gender	42Year(s)/FEMALE	Visit Date	9/2/2022 12:00:00 AM
Ref Doctor Name	MediWheel	-	

Name	Gayathri	ID	MED111284272
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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	1.1
Left Kidney	9.4	1.5

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: 10.5cms AP: 5.3cms TS: 5.5cms.

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

Ovaries measure as follows: **Right ovary**: 3.8 x 1.8cms **Left ovary**: 2.7 x 1.7cms

POD & adnexae are free.

No evidence of ascites/pleural effusion.

IMPRESSION:

> NO SIGNIFICANT ABNORMALITY DETECTED.

DR. APARNA CONSULTANT RADIOLOGIST A/vp

Name	Gayathri	ID	MED111284272
Age & Gender	42Year(s)/FEMALE	Visit Date	9/2/2022 12:00:00 AM
Ref Doctor Name	MediWheel	-	

Name	Gayathri	Customer ID	MED111284272
Age & Gender	42Y/F	Visit Date	Sep 2 2022 9:11AM
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. APARNA

CONSULTANT RADIOLOGIST

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 : 02/09/2022 9:13 AM

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 : 422064692
 Collection On
 : 02/09/2022 9:36 AM

 Age / Sex
 : 42 Year(s) / Female
 Report On
 : 02/09/2022 5:09 PM

 Type
 : OP
 Printed On
 : 10/09/2022 4:14 PM

Ref. Dr : MediWheel

Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
HAEMATOLOGY			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	12.1	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	37.5	%	37 - 47
RBC Count (EDTA Blood)	4.21	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood)	89.1	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	28.8	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	32.3	g/dL	32 - 36
RDW-CV (EDTA Blood)	14.0	%	11.5 - 16.0
RDW-SD (EDTA Blood)	43.66	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	6600	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood)	50.4	%	40 - 75
Lymphocytes (EDTA Blood)	36.4	%	20 - 45
Eosinophils (EDTA Blood)	3.0	%	01 - 06



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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Monocytes (EDTA Blood)	9.0	%	01 - 10
Basophils (Blood)	1.2	%	00 - 02
INTERPRETATION: Tests done on Automated Five P	art cell counter. All a	abnormal results are	reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	3.33	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	2.40	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.20	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.59	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood)	0.08	10^3 / μl	< 0.2
Platelet Count (EDTA Blood)	394	10^3 / μl	150 - 450
MPV (EDTA Blood)	6.4	fL	8.0 - 13.3
PCT (EDTA Blood/Automated Blood cell Counter)	0.25	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	6	mm/hr	< 20



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Type : OP

Ref. Dr

Investigation <u>Observed</u> **Unit Biological Value** Reference Interval **BIOCHEMISTRY Liver Function Test** Bilirubin(Total) 0.34 mg/dL 0.1 - 1.2(Serum/DCA with ATCS) 0.12 0.0 - 0.3Bilirubin(Direct) mg/dL (Serum/Diazotized Sulfanilic Acid) 0.1 - 1.0Bilirubin(Indirect) 0.22 mg/dL (Serum/Derived) 13.98 U/L 5 - 40 SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC) U/L 5 - 41 SGPT/ALT (Alanine Aminotransferase) 10.50 (Serum/Modified IFCC) U/L GGT(Gamma Glutamyl Transpeptidase) 13.34 < 38 (Serum/IFCC / Kinetic) U/L 42 - 98 Alkaline Phosphatase (SAP) 69.57 (Serum/Modified IFCC) **Total Protein** 6.78 gm/dl 6.0 - 8.0(Serum/Biuret) 4.62 gm/dl 3.5 - 5.2Albumin

2.16

2.14

gm/dL



(Serum/Bromocresol green)

Globulin

(Serum/Derived)

A: GRATIO

(Serum/Derived)



2.3 - 3.6

1.1 - 2.2

Name : Mrs. Gayathri PID No. : MED111284272

: 422064692 SID No.

Register On : 02/09/2022 9:13 AM Collection On : 02/09/2022 9:36 AM

Report On

Age / Sex : 42 Year(s) / Female **Type** : OP

: 02/09/2022 5:09 PM **Printed On** : 10/09/2022 4:14 PM

Ref. Dr : MediWheel

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)	224.48	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	151.00	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 (Serum/Immunoinhibition)	48.80	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	145.5	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >=190
VLDL Cholesterol (Serum/Calculated)	30.2	mg/dL	< 30





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InvestigationObservedUnitBiologicalValueReference Interval

Non HDL Cholesterol 175.7 mg/dL Optimal: < 130

(Serum/Calculated)

Above Optimal: 130 - 159
Borderline High: 160 - 189
High: 190 - 219

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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)

4.6

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 3.1 Optimal: < 2.5

(TG/HDL)

(Serum/Calculated)

LDL/HDL Cholesterol Ratio 3 Optimal: 0.5 - 3.0 (Serum/Calculated) Borderline: 3.1 - 6.0

High Risk: > 6.0

Mild to moderate risk: 2.5 - 5.0

High Risk: > 5.0





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Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/ <i>HPLC</i>)	5.8	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

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

Estimated Average Glucose 119.76 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 HbA1c.





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InvestigationObservedUnitBiologicalValueReference Interval

IMMUNOASSAY

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total **0.647** 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 6.90 μ 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) 4.81 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 & amplt 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 Pale yellow Yellow to Amber

(Urine)

Appearance Clear Clear

(Urine)

Volume(CLU) 15

(Urine)

CHEMICAL EXAMINATION (URINE

<u>COMPLETE</u>)

pH 5.0 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)





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

Protein Negative Negative

(Urine)

Glucose Negative Negative

(Urine/GOD - POD)

Leukocytes(CP) 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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InvestigationObservedUnitBiologicalValueReference Interval

IMMUNOHAEMATOLOGY

BLOOD GROUPING AND Rh TYPING 'O' 'Positive'

(EDTA Blood/Agglutination)

O TOSHIVE



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Type

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
BIOCHEMISTRY			
BUN / Creatinine Ratio	16		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	91.82	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

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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.

Glucose, Fasting (Urine)	Negative		Negative
(Urine - F/GOD - POD)			
Glucose Postprandial (PPBS)	97.53	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.

Urine Glucose(PP-2 hours) (Urine - PP)	Negative		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	9.8	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.59	mg/dL	0.6 - 1.1

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 4.29 mg/dL 2.6 - 6.0

(Serum/Enzymatic)





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