PID No.
 :
 MED111526310
 Register On
 :
 04/03/2023 9:10 AM

 SID No.
 :
 423012710
 Collection On
 :
 04/03/2023 9:50 AM

 Age / Sex
 :
 34 Year(s) / Male
 Report On
 :
 04/03/2023 5:19 PM

 Type
 :
 OP
 Printed On
 :
 06/03/2023 8:47 AM

Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<b>HAEMATOLOGY</b>			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood'Spectrophotometry)	14.1	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	42.6	%	42 - 52
RBC Count (EDTA Blood)	4.90	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood)	86.9	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	28.7	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	33.0	g/dL	32 - 36
RDW-CV (EDTA Blood)	14.0	%	11.5 - 16.0
RDW-SD (EDTA Blood)	42.58	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	9300	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood)	56.8	%	40 - 75
Lymphocytes (EDTA Blood)	33.5	%	20 - 45
Eosinophils (EDTA Blood)	2.8	%	01 - 06



 PID No.
 :
 MED111526310
 Register On
 :
 04/03/2023 9:10 AM

 SID No.
 :
 423012710
 Collection On
 :
 04/03/2023 9:50 AM

 Age / Sex
 :
 34 Year(s) / Male
 Report On
 :
 04/03/2023 5:19 PM

 Type
 :
 OP
 Printed On
 :
 06/03/2023 8:47 AM

Ref. Dr : MediWheel

Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Monocytes (EDTA Blood)	5.5	%	01 - 10
Basophils (Blood)	1.4	%	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)	5.28	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	3.12	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.26	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.51	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood)	0.13	10^3 / μl	< 0.2
Platelet Count (EDTA Blood)	319	10^3 / μl	150 - 450
MPV (EDTA Blood)	8.0	fL	7.9 - 13.7
PCT (EDTA Blood/Automated Blood cell Counter)	0.26	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	5	mm/hr	< 15



Page 2 of 11

 PID No.
 :
 MED111526310
 Register On
 :
 04/03/2023 9:10 AM

 SID No.
 :
 423012710
 Collection On
 :
 04/03/2023 9:50 AM

 Age / Sex
 :
 34 Year(s) / Male
 Report On
 :
 04/03/2023 5:19 PM

 Type
 :
 OP
 Printed On
 :
 06/03/2023 8:47 AM

Ref. Dr : MediWheel

Investigation BIOCHEMISTRY	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.45	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.18	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.27	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	21.16	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	21.44	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	38.52	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	103.8	U/L	53 - 128
Total Protein (Serum/Biuret)	6.95	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.40	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.55	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.73		1.1 - 2.2



 PID No.
 : MED111526310
 Register On
 : 04/03/2023 9:10 AM

 SID No.
 : 423012710
 Collection On
 : 04/03/2023 9:50 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 04/03/2023 5:19 PM

 Type
 : OP
 Printed On
 : 06/03/2023 8:47 AM

Ref. Dr : MediWheel

Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	176.28	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	150.32	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.

HDL Cholesterol (Serum/Immunoinhibition)	34.81	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	111.4	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >=190
VLDL Cholesterol (Serum/Calculated)	30.1	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	141.5	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220



 PID No.
 : MED111526310
 Register On
 : 04/03/2023 9:10 AM

 SID No.
 : 423012710
 Collection On
 : 04/03/2023 9:50 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 04/03/2023 5:19 PM

 Type
 : OP
 Printed On
 : 06/03/2023 8:47 AM

Ref. Dr : MediWheel

<u>Investigation</u> <u>Observed Unit 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
(Serum/Calculated)

5.1

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

4.3

Optimal: < 2.5

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

LDL/HDL Cholesterol Ratio
(Serum/Calculated)

3.2

Optimal: 0.5 - 3.0

Borderline: 3.1 - 6.0

High Pick: > 6.0

High Risk: > 6.0

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

 PID No.
 : MED111526310
 Register On
 : 04/03/2023 9:10 AM

 SID No.
 : 423012710
 Collection On
 : 04/03/2023 9:50 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 04/03/2023 5:19 PM

 Type
 : OP
 Printed On
 : 06/03/2023 8:47 AM

Ref. Dr : MediWheel

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

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

**APPROVED BY** 

PID No. : MED111526310 Register On : 04/03/2023 9:10 AM : 423012710 SID No. Collection On : 04/03/2023 9:50 AM Age / Sex : 34 Year(s) / Male Report On : 04/03/2023 5:19 PM Type : OP

**Printed On** 

Ref. Dr : MediWheel

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

: 06/03/2023 8:47 AM

### **IMMUNOASSAY**

### THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 0.866 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 4.73 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.

μIU/mL 0.35 - 5.50TSH (Thyroid Stimulating Hormone) 3.92

(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.



**APPROVED BY** 

Page 7 of 11

 PID No.
 : MED111526310
 Register On
 : 04/03/2023 9:10 AM

 SID No.
 : 423012710
 Collection On
 : 04/03/2023 9:50 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 04/03/2023 5:19 PM

 Type
 : OP
 Printed On
 : 06/03/2023 8:47 AM

Ref. Dr : MediWheel

InvestigationObserved<br/>ValueUnit<br/>Perference IntervalBiological<br/>Reference Interval

# **CLINICAL PATHOLOGY**

# PHYSICAL EXAMINATION (URINE COMPLETE)

Colour Yellow Yellow Yellow to Amber

(Urine)

Appearance Clear Clear

(Urine)

Volume(CLU) 20

(Urine)

# CHEMICAL EXAMINATION (URINE

**COMPLETE**)

pH 5.0 4.5 - 8.0

(Urine)

Specific Gravity 1.019 1.002 - 1.035

(Urine)

Ketone Negative Negative

(Urine)

Urobilinogen Normal Normal

(Urine)

Blood Negative Negative

(Urine)

Nitrite Negative Negative

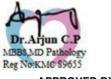
(Urine)

Bilirubin Negative Negative

(Urine)

Protein Negative Negative

(Urine)



**APPROVED BY** 

 PID No.
 : MED111526310
 Register On
 : 04/03/2023 9:10 AM

 SID No.
 : 423012710
 Collection On
 : 04/03/2023 9:50 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 04/03/2023 5:19 PM

 Type
 : OP
 Printed On
 : 06/03/2023 8:47 AM

Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glucose (Urine/GOD - POD)	Negative		Negative
Leukocytes(CP) (Urine)  MICROSCOPIC EXAMINATION (URINE COMPLETE)	Negative		Negative
Pus Cells (Urine)	0-1	/hpf	NIL
Epithelial Cells (Urine)	0-1	/hpf	NIL
RBCs (Urine)	NIL	/hpf	NIL
Others	NIL		

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

Casts NIL /hpf NIL

(Urine)

(Urine)

Crystals NIL /hpf NIL

(Urine)



APPROVED BY

 PID No.
 : MED111526310
 Register On
 : 04/03/2023 9:10 AM

 SID No.
 : 423012710
 Collection On
 : 04/03/2023 9:50 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 04/03/2023 5:19 PM

Type : OP Printed On : 06/03/2023 8:47 AM

Ref. Dr : MediWheel

InvestigationObservedUnitBiologicalValueReference Interval

# **IMMUNOHAEMATOLOGY**

BLOOD GROUPING AND Rh TYPING 'O' 'Positive'

(EDTA Blood/Agglutination)

Dr Anusha,K.S Sr.Consultant Pathologist

> Reg No: 100674 APPROVED BY

 PID No.
 : MED111526310
 Register On
 : 04/03/2023 9:10 AM

 SID No.
 : 423012710
 Collection On
 : 04/03/2023 9:50 AM

 Age / Sex
 : 34 Year(s) / Male
 Report On
 : 04/03/2023 5:19 PM

 Type
 : OP
 Printed On
 : 06/03/2023 8:47 AM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<b>BIOCHEMISTRY</b>			
BUN / Creatinine Ratio	9.6		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	92.95	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)	72.17	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 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		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	9.6	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	1.00	mg/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-acetylcyteine , chemotherapeutic agent such as flucytosine etc.

Uric Acid 6.95 mg/dL 3.5 - 7.2 (Serum/Enzymatic)



APPROVED BY

-- End of Report --

್ರಿಲ್ ಪಾರ್ವತಿ ಆಪ್ಟಿಕ್ಸ್ Mob:8618385220 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 / www.sriparvathioptics.in

### SPECTACLE PRESCRIPTION

2000	
1	homan

No. 2484

Mobil No:

Date: 04/03/23

Age / Gender 344 M

Ref. No.

488	RIGHT EYE			LEFT EYE				
	SPH	CYL	AXIS	VISION	SPH	CYL	AXIS	VISION
DISTANCE	pla	20		616	pla	200		6/6
NEAR								

ď	6	6	m	m	

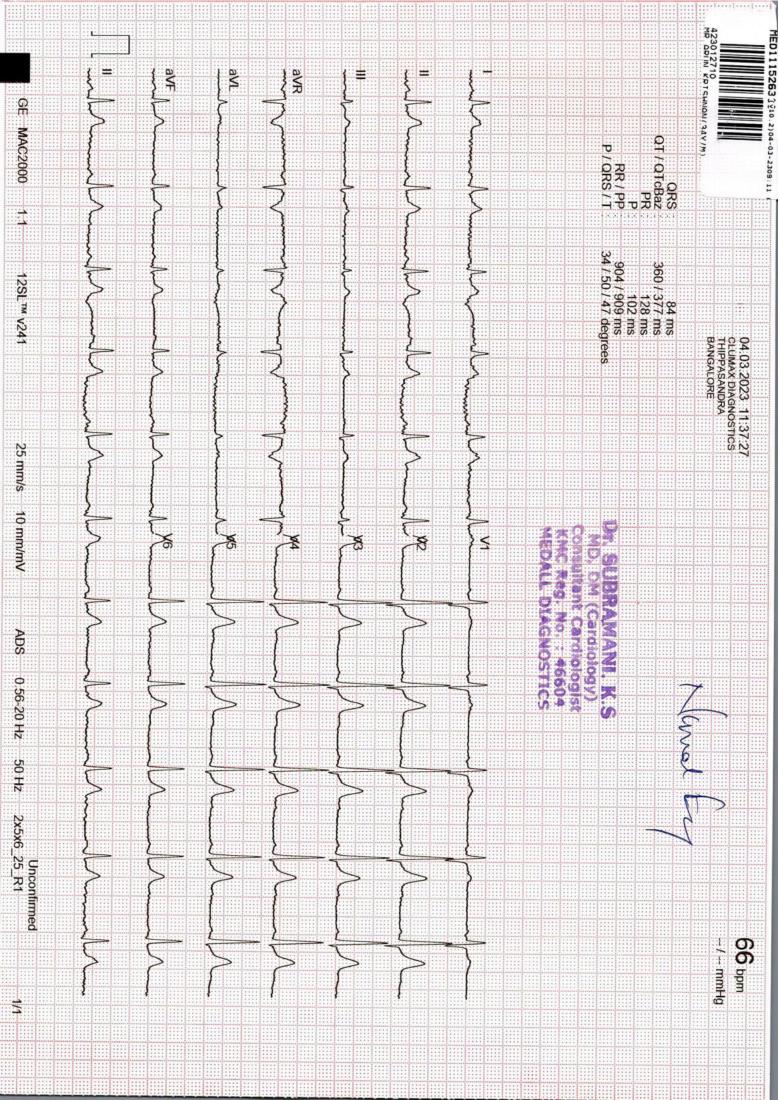
dvice to use glasses for:

DISTANCE FAR & NEAR READING COMPUTER PURFOSE

We Care Your Eyes

**SRI PARVATHI OPTICS** 

NEW THIPPASANDRA



Name	MR.ARUN KRISHNAN	ID	MED111526310
Age & Gender	34Y/MALE	Visit Date	04 Mar 2023
Ref Doctor Name	MediWheel		

### 2 D ECHOCARDIOGRAPHIC STUDY

### M mode measurement:

AORTA : 3.1cms

LEFT ATRIUM : 3.3cms

AVS :----

LEFT VENTRICLE (DIASTOLE) : 4.6cms

(SYSTOLE) : 2.9cms

VENTRICULAR SEPTUM (DIASTOLE) : 0.9cms

(SYSTOLE) : 1.2cms

POSTERIOR WALL (DIASTOLE) : 0.9cms

(SYSTOLE) : 1.6cms

EDV : 95ml

ESV : 33ml

FRACTIONAL SHORTENING : 35%

EJECTION FRACTION : 65%

EPSS :---

RVID : 1.9cms

### **DOPPLER MEASUREMENTS:**

MITRAL VALVE : E' 0.91 m/s A' 0.37 m/s NO MR

AORTIC VALVE : 1.20 m/s NO AR

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

PULMONARY VALVE : 0.96 m/s NO PR

Name	MR.ARUN KRISHNAN	ID	MED111526310
Age & Gender	34Y/MALE	Visit Date	04 Mar 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: 65%.
- > 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/vp

#### Note:

\* Report to be interpreted by qualified medical professional.

\* To be correlated with other clinical findings.

Name	MR.ARUN KRISHNAN	ID	MED111526310
Age & Gender	34Y/MALE	Visit Date	04 Mar 2023
Ref Doctor Name	MediWheel		

<sup>\*</sup> Parameters may be subjected to inter and intra observer variations.

<sup>\*</sup>Any discrepancy in reports due to typing errors should be corrected as soon as possible.

Name	MR.ARUN KRISHNAN	ID	MED111526310
Age & Gender	34Y/MALE	Visit Date	04 Mar 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** 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	9.5	1.6
Left Kidney	10.1	1.6

**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 2.7 x 2.9 x 3.1cms (Vol:13cc).

No evidence of ascites / pleural effusion.

### **IMPRESSION:**

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

DR. APARNA CONSULTANT RADIOLOGIST A/da

Name	MR.ARUN KRISHNAN	ID	MED111526310
Age & Gender	34Y/MALE	Visit Date	04 Mar 2023
Ref Doctor Name	MediWheel		

Name	Arun Krishnan	Customer ID	MED111526310
Age & Gender	34Y/M	Visit Date	Mar 4 2023 9:10AM
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:**

• No significant abnormality detected.

DR. APARNA

CONSULTANT RADIOLOGIST