PID No.
 : MED111034433
 Register On
 : 26/03/2022 8:48 AM

 SID No.
 : 922018287
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 : 26/03/2022 1:51 PM

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<u>Investigation</u>	Observed Value	<u>Unit</u>	Biological Reference Interval
<b>HAEMATOLOGY</b>			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	10.6	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Derived from Impedance)	33.0	%	37 - 47
RBC Count (EDTA Blood/Impedance Variation)	3.79	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood/Derived from Impedance)	87.0	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Derived from Impedance)	28.1	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/Derived from Impedance)	32.2	g/dL	32 - 36
RDW-CV (EDTA Blood/Derived from Impedance)	14.8	%	11.5 - 16.0
RDW-SD (EDTA Blood/Derived from Impedance)	45.07	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood/Impedance Variation)	6100	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood/Impedance Variation & Flow Cytometry)	71.8	%	40 - 75
Lymphocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	18.1	%	20 - 45
Eosinophils (EDTA Blood/Impedance Variation & Flow Cytometry)	1.0	%	01 - 06





Name : Ms. SAKSHI
PID No. : MED111034433

**SID No.** : 922018287

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: MediWheel

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Monocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	8.9	%	01 - 10
Basophils (EDTA Blood/Impedance Variation & Flow Cytometry)	0.2	%	00 - 02
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	4.38	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	1.10	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.06	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.54	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.01	10^3 / μl	< 0.2
Platelet Count (EDTA Blood/Impedance Variation)	215	10^3 / μl	150 - 450
MPV (EDTA Blood/Derived from Impedance)	11.9	fL	8.0 - 13.3
PCT (EDTA Blood/Automated Blood cell Counter)	0.26	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (EDTA Blood/Modified Westergren)	22	mm/hr	< 20





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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<b>BIOCHEMISTRY</b>			
Liver Function Test			
Bilirubin(Total) (Serum/Diazotized Sulfanilic Acid)	0.5	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.3	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.2	mg/dL	0.1 - 1.0
Total Protein (Serum/Biuret)	7.5	gm/dL	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.5	gm/dL	3.5 - 5.2
Globulin (Serum/Derived)	3.0	gm/dL	2.3 - 3.6
A : G Ratio (Serum/Derived)	1.5		1.1 - 2.2
SGOT/AST (Aspartate Aminotransferase) (Serum/IFCC Kinetic)	48	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/IFCC / Kinetic)	70	U/L	5 - 41
Alkaline Phosphatase (SAP) (Serum/IFCC Kinetic)	111	U/L	42 - 98
GGT(Gamma Glutamyl Transpeptidase) (Serum/SZASZ standarised IFCC)	48	U/L	< 38



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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/Cholesterol oxidase/Peroxidase)	153	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/Glycerol phosphate oxidase / peroxidase)	87	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)	59	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	76.6	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >=190
VLDL Cholesterol (Serum/Calculated)	17.4	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	94.0	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.



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**APPROVED BY** 

The results pertain to sample tested.

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	2.6		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 (TG/HDL) (Serum/Calculated)	1.5		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	1.3		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/HPLC)	5.3	%	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 105.41 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>Value</u>		Reference Interval

# **IMMUNOASSAY**

### THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 1.56 ng/mL 0.7 - 2.04

(Serum/CMIA)

### 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 9.36 μg/dL 4.2 - 12.0

(Serum/CMIA)

### 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) 2.67 µIU/mL 0.35 - 5.50

(Serum/Chemiluminescent Microparticle

Immunoassay(CMIA))

### 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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	Value		Reference Interval

# **CLINICAL PATHOLOGY**

## **PHYSICAL EXAMINATION**

Colour (Urine)	Pale Yellow		
Appearance (Urine)	Clear		Clear
Volume (Urine)	20	mL	
<u>CHEMICAL EXAMINATION(Automated-Urineanalyser)</u>			
nН	6.0		45-80

pH (Urine/ <i>AUTOMATED URINANALYSER</i> )	6.0	4.5 - 8.0
Specific Gravity (Urine)	1.020	1.002 - 1.035
Ketones (Urine)	Negative	Negative
Urobilinogen (Urine/AUTOMATED URINANALYSER)	0.2	0.2 - 1.0
Blood	Negative	Negative

(Urine/AUTOMATED URINANALYSER)

Nitrite Negative Negative

(Urine/AUTOMATED URINANALYSER)

Bilirubin Negative Negative

(Urine/AUTOMATED URINANALYSER)

Protein Negative Negative

(Urine)

Glucose Negative Negative (Urine)

Dr.Arjun C.P

Reg No:KMC 89655

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Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Leukocytes (Urine)  MICROSCOPY(URINE DEPOSITS)	Negative	leuco/uL	Negative
Pus Cells (Urine/Flow cytometry)	0-2	/hpf	3-5
Epithelial Cells (Urine)	0-2	/hpf	1-2
RBCs (Urine/Flow cytometry)	Nil	/hpf	NIL
Others (Urine)	Nil		Nil
Casts (Urine/Flow cytometry)	Nil	/hpf	0 - 1
Crystals (Urine)	Nil		NIL



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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BIOCHEMISTRY			
BUN / Creatinine Ratio	11.2		6 - 22
Glucose Fasting (FBS) (Plasma - F/GOD - POD)	85	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)	Negative		Negative
Glucose Postprandial (PPBS) (Plasma - PP/GOD - POD)	92	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.

Glucose Postprandial - Urine (Urine - PP)	Negative		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease-GLDH)	9	mg/dL	7.0 - 21
Creatinine (Serum/Jaffe Kinetic)	0.8	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 6.2 mg/dL 2.6 - 6.0 (Serum/*Uricase/Peroxidase*)



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# **IMMUNOHAEMATOLOGY**

BLOOD GROUPING AND Rh TYPING 'O' 'Positive'

 $(\hbox{EDTA Blood} Agglutination)$ 





**APPROVED BY** 

-- End of Report --



# भारत सरकार GOVERNMENT OF INDIA



साक्षी Sakshi

जन्म तिथि/DOB: 23/02/1991 महिला/ FEMALE

Mobile No: 7979012733

**5318 1318 9505** VID: 9180 6264 6647 0594

मेरा आधार, मेरी पहचान



Signature:

# Sign-up & Health Assessment Form

To be filled by Customer					
ame: Mr/I	Vis/Mrs SAKSI+I				
ender:	O Male O Female Age:	3 J years DOB: /			need and the injurious definition
lobile:		Pincode:			
mail:					
		To be filled by	Customer		Military or the separate supplies
		Medical Hi Have you been previously diagnosed with?	istory		****
		Diabetes (Sugar)	O Yes		***************************************
	Bar code	Hypertension (BP)	O Yes	O No	
		Cardiovascular Disease (Heart)	O yes	O No	
		Asthma/Allergies (Dust, Pollen, Food, Animals, etc.)	O res	O No	
	Vitals	Neurological Problems (Nerve)	O Yes	O No	
To	be filled by Technician	Are you currently taking medications for?			controlic materializados
Height:	1 6 2 . cms	Diabetes (Sugar)	O Yes	O No	
Waist:	39 . lin.	Hypertension (BP)	O Yes	O No	
waist.	1319 in.	Cardiovascular Disease (Heart)	O Yes	O No	
Hip:	<b>A</b> 3 · in.	Liver Disease	O Yes	O No	
Weight:	89.6 kg	Cancer	O Yes	O No	
		Tuberculosis (TB)	O Yes	O No	
Fat:	39.1%	Family Hist  Is there a history of below diseases in your family?	tory		
Visc. Fat:	14.5%	Diabetes (Sugar)	O Yes	O No	
RM:	1678 cal	Hypertension (BP)	O Yes	O No	
DA4L		Cardiovascular Disease (Heart)	O Yes	O No	
BMI:	32.7kg/m²	Cancer	O Yes	O No	
Body Age:	5 + years	Lifestyle	2	-	***************************************
Sys. BP	127 mmHg	Do you exercise regularly?	O Yes	O No	
	N 7 mmUa	Do you consume alcohol more than 2 times a week?	O Yes	O No	
Dia. BP:	MmHg	Do you smoke/chew tobacco?  Are you vegetarian?	O Yes	O No	
	91 Dlan.	General	O Yes	O No	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
		Do you see a doctor at least once in 6 months?	O Yes	O No	*************
		Do you undergo a health checkup every year?	O Yes	O No	
	1	How would you rate your overall Health?	0 0	0 0	
		Excelle Women's He	nt Good Normal ealth	Poor Very Poor	***************************************
	:	Is there a family history of Breast Cancer?	O Yes	O No	
		Is there a family history of Endometrial (Uterus) Cancer?	O Yes	O No	
		Is there a family history of Ovarian Cancer?	O Yes	O No	
		Do you have irregular periods?	O Yes	O No	
		Do you have heavy bleeding during periods?	O Yes	O No	
<b>*</b> 0	,	Do you have scanty periods?	O Yes	O No	
		Have you attained Menopause?	O Yes	O No	
		Do you have children?  Was it a normal delivery?	O Yes	O No	
		Did you have diabetes/hypertension during delivery?	O Yes	O No	
		, die die de ce de la constitution de la converver ve	1 / VQc	LINO	

Customer Name	Sakshi	Customer ID	111034433
Age & Gender	31 , Female	Visit Date	26/3/22

Eye Screening

With spectacles / without spectacles (strike out whichever is not applicable)

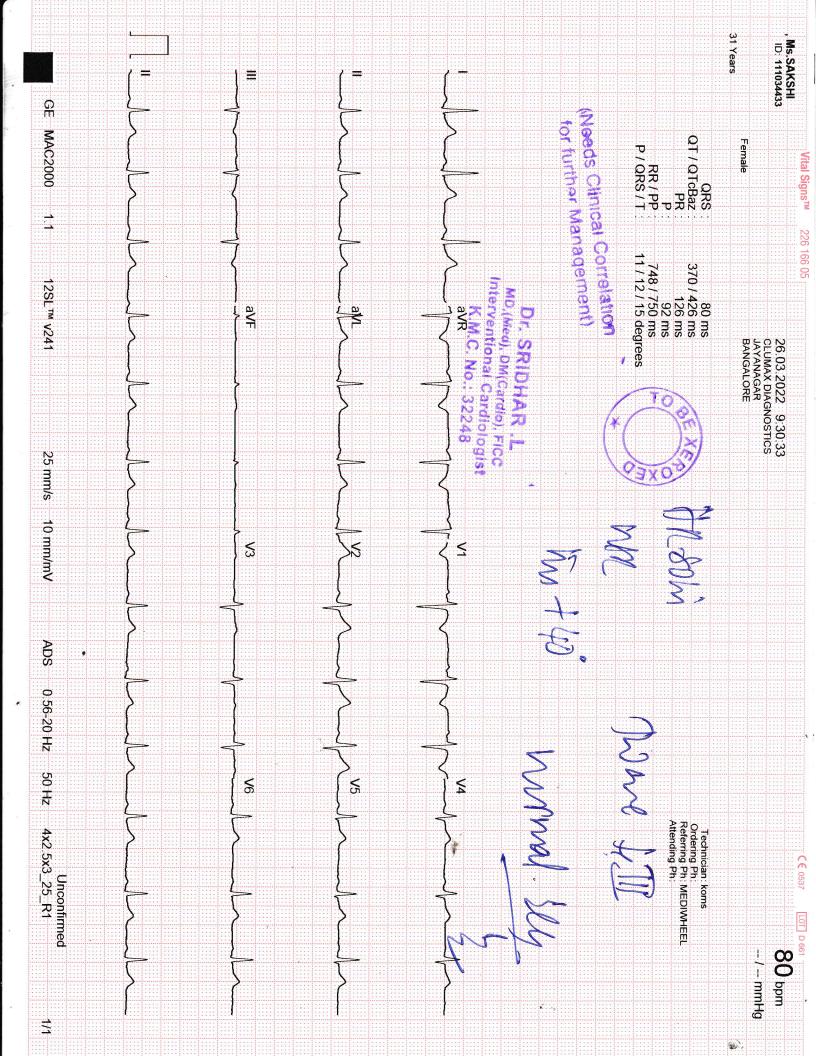
Observation / Comments: — Normal.

Continue Leme

Advisor of the Revaluation of the Glassor & Total check up,

Glassa

Dr. RAVI V. HALAKATTI M.S. (OPHTH) EYE SURGEON Regd. No. 11801





Name	SAKSHI	Customer ID	MED111034433
Age & Gender	31Y/F	Visit Date	Mar 26 2022 8:46AM
Ref Doctor	MediWheel		

# X - RAY CHEST PA VIEW

Prominent bronchovascular markings seen in right lower zone.

Cardiac size is within normal limits.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

Sugg: Clinical correlation.

60°

DR. H.K. ANAND

DR. SHWETHA S

DR. PRAJNA SHENOY

DR. MAHESH M S

CONSULTANT RADIOLOGISTS





Name	MS.SAKSHI	ID	MED111034433
Age & Gender	31Y/FEMALE	Visit Date	26/03/2022
Ref Doctor	MediWheel		

## ABDOMINO-PELVIC ULTRASONOGRAPHY

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

GALL BLADDER show 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** show 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	10.3	1.8
Left Kidney	10.0	1.7

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

**UTERUS** is anteverted and has bulky in size.

It has uniform myometrial echopattern.

Endometrial echo is of normal thickness – 10.0mms.

Uterus measures as follows:

LS: 9.2cms

AP: 3.3cms

TS: 5.8cms.





	MS.SAKSHI	ID	MED111034433
& Gender	31Y/FEMALE	Visit Date	26/03/2022
ef Doctor	MediWheel		

:2:

**OVARIES** are normal in size and show polycystic morphology

Ovaries measures as follows:

Right ovary: 2.8 x 2.0 x 2.4cms, vol-7.1cc. Left ovary: 3.3 x 2.2 x 2.5cms, vol-9.5cc.

Minimal fluid is seen in POD

Adnexa are free.

# Impression:

- > Bulky uterus
- > Bilateral polycystic ovaries
- > Increased hepatic echopattern suggestive of fatty infiltration

### **CONSULTANT RADIOLOGISTS:**

DR. H. K. ANAND DR. PRAJNA SHENOY

DR. MAHESH. M. S

DR. RADHA KRISHNA. A.

DR. HIMA BINDU.P

Ms/pu



Name	MS.SAKSHI	ID	MED111034433
Age & Gender	31Y/FEMALE	Visit Date	26/03/2022
Ref Doctor	MediWheel		

# **2D ECHOCARDIOGRAPHIC STUDY**

# M mode measurement:

AORTA : 2.90 cms

LEFT ATRIUM : 3.47 cms

AVS : 1.39 cms

LEFT VENTRICLE (DIASTOLE) : 4.57 cms

(SYSTOLE) : 2.62 cms

VENTRICULAR SEPTUM (DIASTOLE) : 0.98 cms

(SYSTOLE) : 1.84 cms

POSTERIOR WALL (DIASTOLE) : 1.10 cms

(SYSTOLE) : 2.00 cms

EDV : 95 ml

: 30 ml

FRACTIONAL SHORTENING : 35 %

EJECTION FRACTION : 65 %

EPSS : cms

RVID : 1.96 cms

## **DOPPLER MEASUREMENTS**

MITRAL VALVE : 'E' -1.15m/s 'A' -0.70m/s NO MR

AORTIC VALVE :1.05 m/s NO AR

TRICUSPID VALVE : 'E' -0.68m/s 'A' - m/s NO TR

PULMONARY VALVE :0.84m/s NO PR



Name	MS.SAKSHI	ID	MED111034433
Age & Gender	31Y/FEMALE	Visit Date	26/03/2022
Ref Doctor	MediWheel		

:2:

## **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 prolapse.

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.

(KINDLY CORRELATE CLINICALLY AND WITH ECG)

DR.SRIDHAR.L MD,DM,FICC. CONSULTANT CARDIOLOGIST Ls/ml

Dr. SRIDHAR .L MD,(Med), DM(Cardio), FICC Interventional Cardiologist K.M.C. No.: 32248

