PID No.
 : MED122293708
 Register On
 : 25/11/2023 8:43 AM

 SID No.
 : 522318269
 Collection On
 : 25/11/2023 11:22 AM

 Age / Sex
 : 35 Year(s) / Male
 Report On
 : 25/11/2023 5:26 PM

 Type
 : OP
 Printed On
 : 26/11/2023 12:19 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BLOOD GROUPING AND Rh TYPING	'B' 'Positive'		

(EDTA Blood/Agglutination)

INTERPRETATION: Note: Slide method is screening method. Kindly confirm with Tube method for transfusion.

### Complete Blood Count With - ESR

Haemoglobin (EDTA Blood/Spectrophotometry)	14.8	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	42.5	%	42 - 52
RBC Count (EDTA Blood)	4.85	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood)	87.6	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	30.5	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	34.8	g/dL	32 - 36
RDW-CV	12.5	%	11.5 - 16.0
RDW-SD	38.33	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	4000	cells/cu.m m	4000 - 11000
Neutrophils (Blood)	54.9	%	40 - 75
Lymphocytes (Blood)	31.5	%	20 - 45
Eosinophils (Blood)	3.2	%	01 - 06





**APPROVED BY** 

The results pertain to sample tested.

Page 1 of 8

Lab Address: BANGALORE REFERENCE LABORATORY-CLUMAX DIAGNOSTIC AND RESEARCH CENTRE PVT LTD. (A UNIT OF MEDALL HEALTHCARE PVT. LTD.),Old No 66 & New No 1, 2nd Main Road, Bashyam Circle, Sankey Cross Road Malleswaram, Gayathri Devi Park Extension, Kodandarampura, Sadashiva Nagar, Bengaluru, Karnataka-560003,.

 PID No.
 : MED122293708
 Register On
 : 25/11/2023 8:43 AM

 SID No.
 : 522318269
 Collection On
 : 25/11/2023 11:22 AM

 Age / Sex
 : 35 Year(s) / Male
 Report On
 : 25/11/2023 5:26 PM

 Type
 : OP
 Printed On
 : 26/11/2023 12:19 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Monocytes (Blood)	9.5	%	01 - 10
Basophils (Blood)	0.9	%	00 - 02
INTERPRETATION: Tests done on Automated Fiv	ve Part cell counter. All	abnormal results are	reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	2.20	10^3 / μ1	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	1.26	10^3 / μ1	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.13	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.38	10^3 / μ1	< 1.0
Absolute Basophil count (EDTA Blood)	0.04	10^3 / μl	< 0.2
Platelet Count (EDTA Blood)	189	10^3 / μl	150 - 450
MPV (Blood)	10.1	fL	7.9 - 13.7
PCT (Automated Blood cell Counter)	0.19	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	2	mm/hr	< 15
BUN / Creatinine Ratio	6.2		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	99.14	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.





APPROVED BY

: Mr. V RAJENDRA Name

Register On PID No. : MED122293708 : 25/11/2023 8:43 AM : 522318269 SID No. Collection On : 25/11/2023 11:22 AM Age / Sex : 35 Year(s) / Male Report On : 25/11/2023 5:26 PM **Type** : OP **Printed On** : 26/11/2023 12:19 PM

Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glucose, Fasting (Urine) (Urine - F/GOD - POD)	Negative		Negative
Glucose Postprandial (PPBS) (Plasma - PP/GOD-PAP)	110.71	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.

Blood Urea Nitrogen (BUN)	8.0	mg/dL	7.0 - 21
(Serum/Urease UV / derived)			
Creatinine	1.28	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 (Serum/Enzymatic)	6.64	mg/dL	3.5 - 7.2
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	1.15	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.29	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.86	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	20.25	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	31.56	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	50.16	U/L	< 55





**APPROVED BY** 

The results pertain to sample tested.

Page 3 of 8

Lab Address: BANGALORE REFERENCE LABORATORY-CLUMAX DIAGNOSTIC AND RESEARCH CENTRE PVT LTD. (A UNIT OF MEDALL HEALTHCARE PVT. LTD.), Old No 66 & New No 1, 2nd Main Road, Bashyam Circle, Sankey Cross Road Malleswaram, Gayathri Devi Park Extension, Kodandarampura, Sadashiva Nagar, Bengaluru, Karnataka-560003,..

 PID No.
 : MED122293708
 Register On
 : 25/11/2023 8:43 AM

 SID No.
 : 522318269
 Collection On
 : 25/11/2023 11:22 AM

 Age / Sex
 : 35 Year(s) / Male
 Report On
 : 25/11/2023 5:26 PM

 Type
 : OP
 Printed On
 : 26/11/2023 12:19 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	55.7	U/L	53 - 128
Total Protein (Serum/Biuret)	6.89	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.65	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.24	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	2.08		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	184.62	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	209.29	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 õusualö "circulating level of triglycerides during most part of the day.

HDL Cholesterol 24.42 mg/dL Optimal(Negative Risk Factor): >= 60 (Serum/Immunoinhibition) Borderline: 40 - 59 High Risk: < 40





The results pertain to sample tested.

Page 4 of 8

 PID No.
 : MED122293708
 Register On
 : 25/11/2023 8:43 AM

 SID No.
 : 522318269
 Collection On
 : 25/11/2023 11:22 AM

 Age / Sex
 : 35 Year(s) / Male
 Report On
 : 25/11/2023 5:26 PM

 Type
 : OP
 Printed On
 : 26/11/2023 12:19 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
LDL Cholesterol (Serum/Calculated)	118.3	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	41.9	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	160.2	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.

Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	7.6	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)	8.6	Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	4.8	Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

### Glycosylated Haemoglobin (HbA1c)





**APPROVED BY** 

 PID No.
 : MED122293708
 Register On
 : 25/11/2023 8:43 AM

 SID No.
 : 522318269
 Collection On
 : 25/11/2023 11:22 AM

 Age / Sex
 : 35 Year(s) / Male
 Report On
 : 25/11/2023 5:26 PM

 Type
 : OP
 Printed On
 : 26/11/2023 12:19 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
HbA1C (Whole Blood/ <i>HPLC</i> )	5.6	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4
			Diabetic: $\geq$ 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 HbA1c.

#### THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total	1.30	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 9.73  $\mu$ 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) 1.98 µIU/mL 0.35 - 5.50 (Serum/ECLIA)





APPROVED BY

 PID No.
 : MED122293708
 Register On
 : 25/11/2023 8:43 AM

 SID No.
 : 522318269
 Collection On
 : 25/11/2023 11:22 AM

 Age / Sex
 : 35 Year(s) / Male
 Report On
 : 25/11/2023 5:26 PM

 Type
 : OP
 Printed On
 : 26/11/2023 12:19 PM

Ref. Dr : MediWheel

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

#### 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.

### **URINE ROUTINE**

# PHYSICAL EXAMINATION (URINE COMPLETE)

Colour (Urine)	Yellow	Yellow to Amber
Appearance (Urine)	Clear	Clear
Volume(CLU) (Urine)	20	
<u>CHEMICAL EXAMINATION (URINE COMPLETE)</u>		
pH (Urine)	5	4.5 - 8.0
Specific Gravity (Urine)	1.016	1.002 - 1.035
Ketone (Urine)	Negative	Negative
Urobilinogen (Urine)	Normal	Normal





**APPROVED BY** 

The results pertain to sample tested.

Page 7 of 8

Lab Address: BANGALORE REFERENCE LABORATORY-CLUMAX DIAGNOSTIC AND RESEARCH CENTRE PVT LTD. (A UNIT OF MEDALL HEALTHCARE PVT. LTD.),Old No 66 & New No 1, 2nd Main Road, Bashyam Circle, Sankey Cross Road Malleswaram, Gayathri Devi Park Extension, Kodandarampura, Sadashiva Nagar, Bengaluru, Karnataka-560003,.

 PID No.
 : MED122293708
 Register On
 : 25/11/2023 8:43 AM

 SID No.
 : 522318269
 Collection On
 : 25/11/2023 11:22 AM

 Age / Sex
 : 35 Year(s) / Male
 Report On
 : 25/11/2023 5:26 PM

 Type
 : OP
 Printed On
 : 26/11/2023 12:19 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Blood (Urine)	Negative		Negative
Nitrite (Urine)	Negative		Negative
Bilirubin (Urine)	Negative		Negative
Protein (Urine)	Negative		Negative
Glucose (Urine/GOD - POD)	Negative		Negative
Leukocytes(CP) (Urine)	Negative		
MICROSCOPIC EXAMINATION (URINE COMPLETE)			
Pus Cells (Urine)	0-1	/hpf	NIL
Epithelial Cells (Urine)	0-1	/hpf	NIL
RBCs (Urine)	NIL	/HPF	NIL
Others (Urine)	NIL		
<b>INTERPRETATION:</b> Note: Done with Automate reviewed and confirmed microscopically.	ed Urine Analyser & Auto	omated urine sedimen	ntation analyser. All abnormal reports are
Casts (Urine)	NIL	/hpf	NIL
Crystals (Urine)	NIL	/hpf	NIL





**APPROVED BY** 

-- End of Report --

The results pertain to sample tested.

Page 8 of 8

Lab Address: BANGALORE REFERENCE LABORATORY-CLUMAX DIAGNOSTIC AND RESEARCH CENTRE PVT LTD. (A UNIT OF MEDALL HEALTHCARE PVT. LTD.),Old No 66 & New No 1, 2nd Main Road, Bashyam Circle, Sankey Cross Road Malleswaram, Gayathri Devi Park Extension, Kodandarampura, Sadashiva Nagar, Bengaluru, Karnataka-560003,.



Patient Name	Rajendra.V	Date	25/11/23
Age	35405	Visit Number	522318269
Sex	Male	Corporate	Mediwhee

# GENERAL PHYSICAL EXAMINATION

Identification Mark:

Height: 168 Cm.

cms

Weight: 73 1cq

kgs

Pulse: 72 h

/minute

Blood Pressure : 110 / to with

mm of Hg

ВМ

: 25, 10

**BMI** INTERPRETATION

Underweight = <18.5

Normal weight = 18.5-24.9

Overweight = 25-29.9

Chest:

Expiration: 94 Com

cms

Inspiration: 97 cm

cms

Abdomen Measurement : 93 um

cms

Eyes:

Ears:

Neck nodes:

CVS:

No abnormality is detected. His / Her general physical examination is within normal limits.

NOTE: MEDICAL FIT FOR EMPLOYMENT YES / NO

Signature

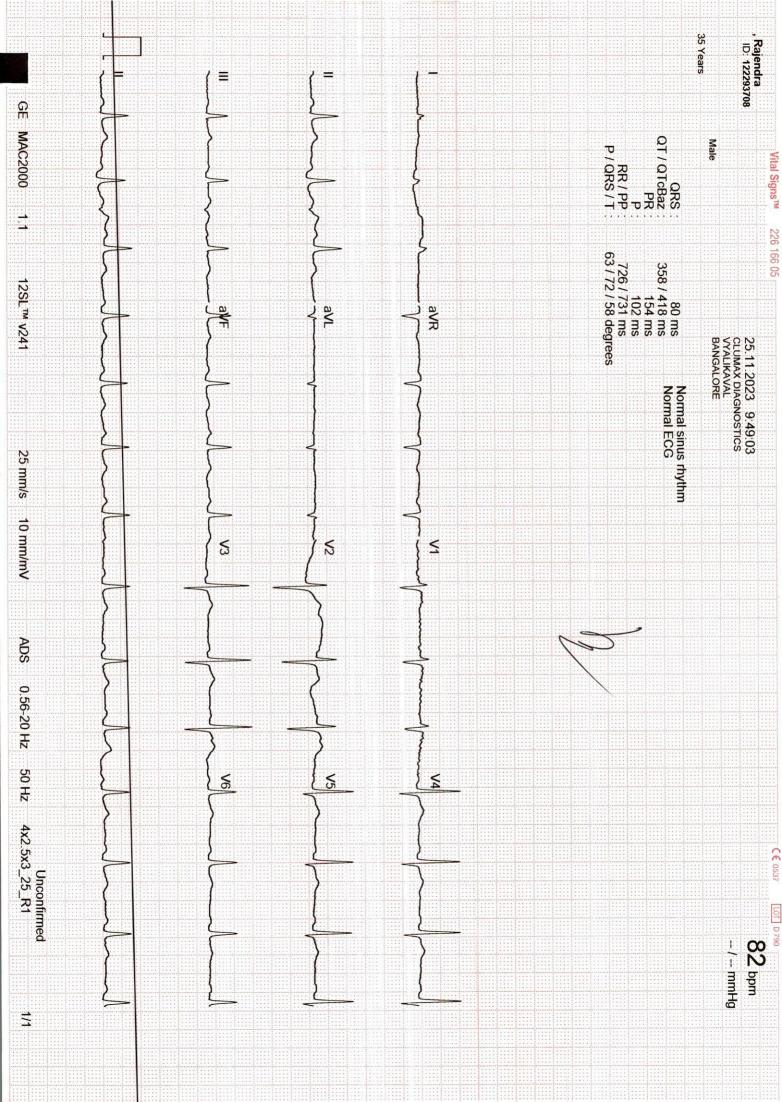
Jeneral Physician & Diabetologies KMC Reg. No: 85875

Please produce bill copy at the time of collecting the reports. Request you to provide your mobile number or

customer id during your subsequent visits.

You can also conveniently view the reports and trends through our App. Scan QR code to download the App.





Name	MR.V RAJENDRA	ID	MED122293708
Age & Gender	35Y/MALE	Visit Date	25 Nov 2023
Ref Doctor Name	MediWheel	-	

### ABDOMINO-PELVIC ULTRASONOGRAPHY

**LIVER** is normal in shape, size (12.8 cm) and shows increased echogenicity with focal fatty sparing. No evidence of intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

**GALL BLADDER** is partially distended. 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.

### **KIDNEYS**

**Right kidney:** Normal in shape, size and echopattern. Cortico-medullary differentiation is well madeout. No evidence of calculus or hydronephrosis.

**Left kidney:** Normal in shape, size and echopattern. Cortico-medullary differentiation is well madeout. No evidence of calculus or hydronephrosis.

The kidney measures as follows:

	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	11.8	1.7
Left Kidney	11.8	1.5

**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 3.6 x 2.4 x 2.5 cms, Vol: 12.19 cc.

No evidence of ascites.

### **IMPRESSION:**

- Grade I fatty infiltration of liver.
- No other significant abnormality detected.

Name	MR.V RAJENDRA	ID	MED122293708
Age & Gender	35Y/MALE	Visit Date	25 Nov 2023
Ref Doctor Name	MediWheel		

# DR. HEMANANDINI V.N CONSULTANT RADIOLOGIST

Hn/Mi

Name	MR.V RAJENDRA	ID	MED122293708
Age & Gender	35Y/MALE	Visit Date	25 Nov 2023
Ref Doctor Name	MediWheel	-	

### 2D ECHOCARDIOGRAPHIC STUDY

### **M-mode measurement:**

**AORTA** 2.62 cms. LEFT ATRIUM 2.93 cms. **AVS** 1.47 cms. LEFT VENTRICLE (DIASTOLE) 4.01 cms. (SYSTOLE) 2.21 cms. **VENTRICULAR SEPTUM** (DIASTOLE) 1.03 cms. (SYSTOLE) 1.39 cms. **POSTERIOR WALL** (DIASTOLE) 1.03 cms. (SYSTOLE) 1.49 cms. **EDV** 70 ml. **ESV** 16 ml. % FRACTIONAL SHORTENING 44 **EJECTION FRACTION** 60 % **EPSS** cms. **RVID** 1.80 cms.

### **DOPPLER MEASUREMENTS:**

MITRAL VALVE: E - 0.6 m/s A - 0.4 m/s NO MR.

AORTIC VALVE: 1.1 m/s NO AR.

TRICUSPID VALVE: E - 0.3 m/s A - 0.2 m/s NO TR.

PULMONARY VALVE: 0.8 m/s NO PR.

Name	MR.V RAJENDRA	ID	MED122293708
Age & Gender	35Y/MALE	Visit Date	25 Nov 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. YASHODA RAVI CONSULTANT CARDIOLOGIST

Name	MR.V RAJENDRA	ID	MED122293708
Age & Gender	35Y/MALE	Visit Date	25 Nov 2023
Ref Doctor Name	MediWheel		

Name	Mr. V RAJENDRA	Customer ID	MED122293708
Age & Gender	35Y/M	Visit Date	Nov 25 2023 8:43AM
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 KARTHIK VIJAY DATTANI. MD., PDCC CONSULTANT RADIOLOGIST