Name	DAKKA ROHITHAROSELIN	ID	MED111272600
Age & Gender	25Year(s)/FEMALE		8/31/2022 12:00:00 AM
Ref Doctor Name	MediWheel		

## **2 D ECHOCARDIOGRAPHIC STUDY**

# M mode measurement:

AORTA : 2.1cms

LEFT ATRIUM : 3.0cms

AVS :----

LEFT VENTRICLE (DIASTOLE) : 4.3cms

(SYSTOLE) : 2.9cms

VENTRICULAR SEPTUM (DIASTOLE) : 0.8cms

(SYSTOLE) : 1.1cms

POSTERIOR WALL (DIASTOLE) : 0.8cms

(SYSTOLE) : 1.2cms

: 61%

EDV : 84ml

ESV : 33ml

FRACTIONAL SHORTENING : 32%

EPSS :---

RVID : 1.8cms

## **DOPPLER MEASUREMENTS:**

**EJECTION FRACTION** 

MITRAL VALVE : E' 0.78 m/s A' 0.58 m/s NO MR

AORTIC VALVE : 1.28 m/s NO AR

TRICUSPID VALVE : E' 2.00 m/s A' - m/s NO TR

PULMONARY VALVE : 0.70 m/s NO PR

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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:61 %.
- > 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

### **Note:**

<sup>\*</sup> Report to be interpreted by qualified medical professional.

Name	DAKKA ROHITHAROSELIN	ID	MED111272600
Age & Gender	25Year(s)/FEMALE	Visit Date	8/31/2022 12:00:00 AM
Ref Doctor Name	MediWheel	_	-

<sup>\*</sup> To be correlated with other clinical findings.
\* Parameters may be subjected to inter and intra observer variations.

# **CLUMAX DIAGNOSTICS**



# --- A MEDALL COMPANY ---

Date 31-Aug-2022 9:01 AM

Customer Name: MS.DAKKA ROHITHAROSELIN

DOB

:09 Nov 1996

Ref Dr Name

: MediWheel

Age

:25Y/FEMALE

Customer Id

:MED111272600

Visit ID

:422064413

Email Id

Phone No :9154420648

Corp Name

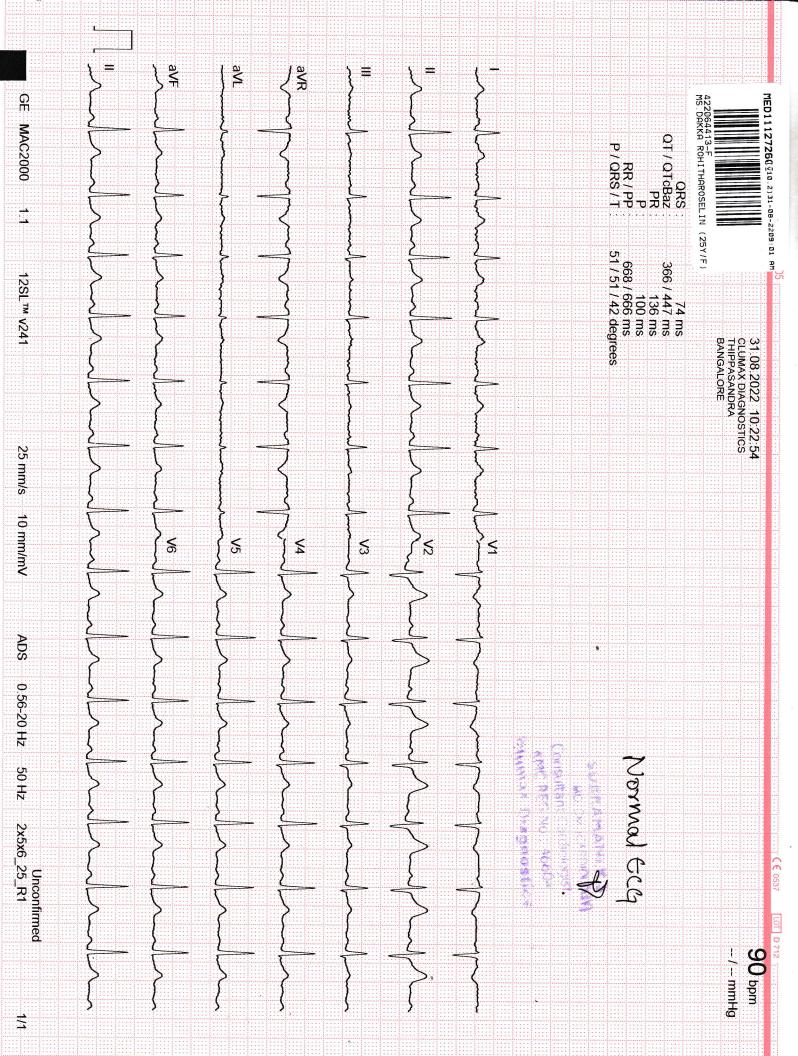
:MediWheel

Address

Package Name: Mediwheel Full Body Health Checkup Female Below 40

Ht - 5.5 Wt - 75.0 Bp - 120/87 101

S.No	Modality	Study	A		Pu	se -
1	LAB		Accession No	Time	Seq	Signature
_	LAD	BLOOD UREA NITROGEN				
	1.00	(BUN)				
2	LAB	CREATININE				ξ
3	LAB	GLUCOSE - FASTING				
4	LAB	GLUCOSE - POSTPRANDIAL (2				
		HRS)		a		
5	LAB	GLYCOSYLATED				
		HAEMOGLOBIN (HbA1c)				1.8
6	LAB	URIC ACID				
7	LAB	LIPID PROFILE	•			
8	LAB	LIVER FUNCTION TEST (LFT)				
9	LAB	THYROID PROFILE/ TFT( T3,				
	=	T4, TSH)				
10	LAB	URINE GLUCOSE - FASTING				
11	LAB	URINE GLUCOSE -				
		POSTPRANDIAL (2 Hrs)				
12	LAB	COMPLETE BLOOD COUNT				
		WITH ESR	/		90 T B	
13	LAB	STOOL ANALYSIS - ROUTINE				
14	_AB	URINE ROUTINE				
15 l	_AB	BUN/CREATININE RATIO	9			
16 L	_AB	BLOOD GROUP & RH TYPE				
	- 1	Forward Reverse)				
17 (	OTHERS 1	readmill / 2D Echo	ID12260444			



Name	DAKKA ROHITHAROSELIN	Customer ID	MED111272600
Age & Gender	25Y/F	Visit Date	Aug 31 2022 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. APARNA

CONSULTANT RADIOLOGIST

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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)	11.9	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	37.5	%	37 - 47
RBC Count (EDTA Blood)	4.32	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood)	86.8	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	27.6	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	31.8	g/dL	32 - 36
RDW-CV (EDTA Blood)	14.0	%	11.5 - 16.0
RDW-SD (EDTA Blood)	42.53	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	8900	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood)	65.6	%	40 - 75
Lymphocytes (EDTA Blood)	29.0	%	20 - 45
Eosinophils (EDTA Blood)	1.2	%	01 - 06



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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Monocytes (EDTA Blood)	3.8	%	01 - 10
Basophils (Blood)	0.4	%	00 - 02
INTERPRETATION: Tests done on Automated Five Pa	art cell counter. All a	bnormal results are	reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	5.84	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	2.58	10^3 / μ1	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.11	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.34	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood)	0.04	10^3 / µl	< 0.2
Platelet Count (EDTA Blood)	284	10^3 / μl	150 - 450
MPV (EDTA Blood)	7.7	fL	8.0 - 13.3
PCT (EDTA Blood/Automated Blood cell Counter)	0.22	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	24	mm/hr	< 20



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Investigation BIOCHEMISTRY	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.22	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.11	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.11	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	17.11	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	11.27	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	23.19	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	87.1	U/L	42 - 98
Total Protein (Serum/Biuret)	7.67	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.51	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	3.16	gm/dL	2.3 - 3.6
A : G RATIO (Serum/ <i>Derived</i> )	1.43		1.1 - 2.2



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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	185.41	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	79.35	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 (Serum/Immunoinhibition)	51.41	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	118.1	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	15.9	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	134.0	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220





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<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)

3.6

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 1.5 Optimal: < 2.5

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

(Serum/Calculated) High Risk: > 5.0

LDL/HDL Cholesterol Ratio

2.3 Optimal: 0.5 - 3.0

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



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ROHITHAROSELIN

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



**VERIFIED BY** 



Name : Ms. DAKKA

**ROHITHAROSELIN** 

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

## **IMMUNOASSAY**

#### THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 1.38 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.

4.2 - 12.0T4 (Tyroxine) - Total 7.45 μg/dl

(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.

 $\mu IU/mL$ 0.35 - 5.50TSH (Thyroid Stimulating Hormone) 1.05

(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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_	Value		Reference Interval

# **CLINICAL PATHOLOGY**

# PHYSICAL EXAMINATION (URINE COMPLETE)

Colour Yellow Yellow Yellow to Amber

(Urine)

Appearance Clear Clear

(Urine)

Volume(CLU) 15

(Urine)

CHEMICAL EXAMINATION (URINE

<u>COMPLETE</u>)

pH 5.5 4.5 - 8.0

(Urine)

Specific Gravity 1.025 1.002 - 1.035

(Urine)

Ketone Negative Negative

(Urine)

Urobilinogen Normal Normal

(Urine)

Blood **Positive**(++++) 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 Negative

(Urine)

MICROSCOPIC EXAMINATION (URINE COMPLETE)

Pus Cells 0-2 /hpf NIL

(Urine)

Epithelial Cells 0-2 /hpf NIL

(Urine)

RBCs Plenty /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

: 02/09/2022 4:52 PM

# **IMMUNOHAEMATOLOGY**

BLOOD GROUPING AND Rh TYPING 'O' 'Positive'

(EDTA Blood/Agglutination)



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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<b>BIOCHEMISTRY</b>			
BUN / Creatinine Ratio	18.1		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	90.85	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

02/09/2022 4:52 PM

**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)	Negative		Negative
Glucose Postprandial (PPBS) (Plasma - PP/GOD-PAP)	95.05	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) (Serum/Urease UV / derived)	10.5	mg/dL	7.0 - 21
Creatinine	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 4.33 mg/dL 2.6 - 6.0

(Serum/Enzymatic)



**VERIFIED BY** 



**APPROVED BY** 

-- End of Report --