

: Mr.BHAROTHU GOPARAJU

Age/Gender

: 31 Y 10 M 21 D/M

UHID/MR No

: STAR.0000062162

Visit ID Ref Doctor : STAROPV68476 : Dr.SELF

Emp/Auth/TPA ID

: 9611500525

Collected

: 23/Mar/2024 09:10AM

Received

: 23/Mar/2024 12:05PM

Reported

: 23/Mar/2024 02:21PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

## **DEPARTMENT OF HAEMATOLOGY**

## PERIPHERAL SMEAR, WHOLE BLOOD EDTA

Methodology: Microscopic

RBC : Normocytic normochromic

WBC: Normal in number, morphology and distribution. No abnormal cells seen

Platelets : Adequate in Number

Parasites: No Haemoparasites seen

IMPRESSION: Normocytic normochromic blood picture

Note/Comment : Please Correlate clinically

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY Page 1 of 13



SIN No:BED240079337

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)
CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:

156, Famous Cine Labs, Behind Everest Building Tardeo (Mumbai Central), Mumbai, Maharashtra Ph: 022 4332 4500



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## **DEPARTMENT OF HAEMATOLOGY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	14.6	g/dL	13-17	CYANIDE FREE COLOUROMETER
PCV	46.00	%	40-50	PULSE HEIGHT AVERAGE
RBC COUNT	4.91	Million/cu.mm	4.5-5.5	Electrical Impedence
MCV	93.7	fL	83-101	Calculated
MCH	29.7	pg	27-32	Calculated
MCHC	31.7	g/dL	31.5-34.5	Calculated
R.D.W	11.6	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	5,310	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUN	IT (DLC)			
NEUTROPHILS	46	%	40-80	Electrical Impedance
LYMPHOCYTES	46	%	20-40	Electrical Impedance
EOSINOPHILS	02	%	1-6	Electrical Impedance
MONOCYTES	06	%	2-10	Electrical Impedance
BASOPHILS	00	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	2442.6	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	2442.6	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	106.2	Cells/cu.mm	20-500	Calculated
MONOCYTES	318.6	Cells/cu.mm	200-1000	Calculated
Neutrophil lymphocyte ratio (NLR)	1		0.78- 3.53	Calculated
PLATELET COUNT	295000	cells/cu.mm	150000-410000	IMPEDENCE/MICROSCOPY
ERYTHROCYTE SEDIMENTATION RATE (ESR)	05	mm at the end of 1 hour	0-15	Modified Westergren
PERIPHERAL SMEAR				

Methodology: Microscopic

RBC: Normocytic normochromic

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## **DEPARTMENT OF HAEMATOLOGY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

WBC: Normal in number, morphology and distribution. No abnormal cells seen

Platelets: Adequate in Number

Parasites: No Haemoparasites seen

IMPRESSION: Normocytic normochromic blood picture

Note/Comment: Please Correlate clinically

DR. APEKSHA MADAN MBBS, DPB

PATHOLOGY

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## **DEPARTMENT OF HAEMATOLOGY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
BLOOD GROUP ABO AND RH FAC	TOR , WHOLE BLOOD EDT.	4		
BLOOD GROUP TYPE	В			Forward & Reverse Grouping with Slide/Tube Aggluti
Rh TYPE	POSITIVE			Forward & Reverse Grouping with Slide/Tube Agglutination

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY

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: ARCOFEMI HEALTHCARE LIMITED

## **DEPARTMENT OF BIOCHEMISTRY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING, NAF PLASMA	93	mg/dL	70-100	GOD - POD

## **Comment:**

As per American Diabetes Guidelines, 2023

As per American Diabetes Guidennes, 2025	
Fasting Glucose Values in mg/dL	Interpretation
70-100 mg/dL	Normal
100-125 mg/dL	Prediabetes
≥126 mg/dL	Diabetes
<70 mg/dL	Hypoglycemia

#### Note:

1. The diagnosis of Diabetes requires a fasting plasma glucose of > or = 126 mg/dL and/or a random / 2 hr post glucose value of > or = 200 mg/dL on at least 2 occasions.

2. Very high glucose levels (>450 mg/dL in adults) may result in Diabetic Ketoacidosis & is considered critical.

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS, SODIUM FLUORIDE PLASMA (2 HR)	74	mg/dL	70-140	GOD - POD

## **Comment:**

It is recommended that FBS and PPBS should be interpreted with respect to their Biological reference ranges and not with each other.

Conditions which may lead to lower postprandial glucose levels as compared to fasting glucose levels may be due to reactive hypoglycemia, dietary meal content, duration or timing of sampling after food digestion and absorption, medications such as insulin preparations, sulfonylureas, amylin analogues, or conditions such as overproduction of insulin.

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DR. APEKSHA MADAN MBBS, DPB PATHOLOGY

SIN No:PLP1436798

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Sponsor Name

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## **DEPARTMENT OF BIOCHEMISTRY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C (GLYCATED HEMOGLOBIN) , $W$	HOLE BLOOD EDTA	·		
HBA1C, GLYCATED HEMOGLOBIN	5.4	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	108	mg/dL		Calculated

## **Comment:**

Reference Range as per American Diabetes Association (ADA) 2023 Guidelines:

REFERENCE GROUP	HBA1C %	
NON DIABETIC	<5.7	
PREDIABETES	5.7 – 6.4	
DIABETES	≥ 6.5	
DIABETICS		
EXCELLENT CONTROL	6 – 7	
FAIR TO GOOD CONTROL	7 – 8	
UNSATISFACTORY CONTROL	8 - 10	
POOR CONTROL	>10	

Note: Dietary preparation or fasting is not required.

- 1. HbA1C is recommended by American Diabetes Association for Diagnosing Diabetes and monitoring Glycemic Control by American Diabetes Association guidelines 2023.
- 2. Trends in HbA1C values is a better indicator of Glycemic control than a single test.
- 3. Low HbA1C in Non-Diabetic patients are associated with Anemia (Iron Deficiency/Hemolytic), Liver Disorders, Chronic Kidney Disease. Clinical Correlation is advised in interpretation of low Values.
- 4. Falsely low HbA1c (below 4%) may be observed in patients with clinical conditions that shorten erythrocyte life span or decrease mean erythrocyte age. HbA1c may not accurately reflect glycemic control when clinical conditions that affect erythrocyte survival are present.
- 5. In cases of Interference of Hemoglobin variants in HbA1C, alternative methods (Fructosamine) estimation is recommended for Glycemic Control A: HbF >25%
  - B: Homozygous Hemoglobinopathy.
  - (Hb Electrophoresis is recommended method for detection of Hemoglobinopathy)

Page 6 of 13



Dr.Pratibha Kadam M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:EDT240036317

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## **DEPARTMENT OF BIOCHEMISTRY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID PROFILE , SERUM				
TOTAL CHOLESTEROL	167	mg/dL	<200	CHE/CHO/POD
TRIGLYCERIDES	105	mg/dL	<150	
HDL CHOLESTEROL	35	mg/dL	>40	CHE/CHO/POD
NON-HDL CHOLESTEROL	132	mg/dL	<130	Calculated
LDL CHOLESTEROL	111	mg/dL	<100	Calculated
VLDL CHOLESTEROL	21	mg/dL	<30	Calculated
CHOL / HDL RATIO	4.77		0-4.97	Calculated
ATHEROGENIC INDEX (AIP)	0.12		<0.11	Calculated

## **Comment:**

Reference Interval as per National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.

	Desirable	Borderline High	High	Very High
TOTAL CHOLESTEROL	< 200	200 - 239	≥ 240	
TRIGLYCERIDES	<150	150 - 199	200 - 499	≥ 500
LDL	Optimal < 100; Near Optimal 100- 129	130 - 159	160 - 189	≥ 190
HDL	≥ 60			
NON-HDL CHOLESTEROL	Optimal <130; Above Optimal 130-159	160-189	190-219	>220
ATHEROGENIC INDEX(AIP)	<0.11	0.12 - 0.20	>0.21	

## Note:

- 1) Measurements in the same patient on different days can show physiological and analytical variations.
- 2) NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.
- 3) Primary prevention algorithm now includes absolute risk estimation and lower LDL Cholesterol target levels to determine

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MBBS, DPB PATHOLOGY

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## **DEPARTMENT OF BIOCHEMISTRY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

eligibility of drug therapy.

- 4) Low HDL levels are associated with coronary heart disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
- 5) As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.
- 6) VLDL, LDL Cholesterol Non-HDL Cholesterol, CHOL/HDL RATIO, LDL/HDL RATIO are calculated parameters when Triglycerides are below 400 mg/dl. When

Triglycerides are more than 400 mg/dl LDL cholesterol is a direct measurement.

7) Triglycerides and HDL-cholesterol in Atherogenic index (AIP) reflect the balance between the atherogenic and protective lipoproteins. Clinical studies have shown that AIP (log (TG/HDL) & values used are in mmol/L) predicts cardiovascular risk and a useful measure of response to treatment (pharmacological intervention).

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY Page 8 of 13



CIN No:CE04672441

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: ARCOFEMI HEALTHCARE LIMITED

## **DEPARTMENT OF BIOCHEMISTRY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
LIVER FUNCTION TEST (LFT) , SERUM				
BILIRUBIN, TOTAL	0.30	mg/dL	0.1-1.2	Azobilirubin
BILIRUBIN CONJUGATED (DIRECT)	0.10	mg/dL	0.1-0.4	DIAZO DYE
BILIRUBIN (INDIRECT)	0.20	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	31	U/L	4-44	JSCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	24.0	U/L	8-38	JSCC
ALKALINE PHOSPHATASE	57.00	U/L	32-111	IFCC
PROTEIN, TOTAL	7.70	g/dL	6.7-8.3	BIURET
ALBUMIN	5.20	g/dL	3.8-5.0	BROMOCRESOL GREEN
GLOBULIN	2.50	g/dL	2.0-3.5	Calculated
A/G RATIO	2.08		0.9-2.0	Calculated

## **Comment:**

LFT results reflect different aspects of the health of the liver, i.e., hepatocyte integrity (AST & ALT), synthesis and secretion of bile (Bilirubin, ALP), cholestasis (ALP, GGT), protein synthesis (Albumin)

Common patterns seen:

#### 1. Hepatocellular Injury:

- · AST Elevated levels can be seen. However, it is not specific to liver and can be raised in cardiac and skeletal injuries.
- ALT Elevated levels indicate hepatocellular damage. It is considered to be most specific lab test for hepatocellular injury. Values also correlate well with increasing BMI .• Disproportionate increase in AST, ALT compared with ALP. • Bilirubin may be elevated.
- AST: ALT (ratio) In case of hepatocellular injury\_AST: ALT > 1In Alcoholic Liver Disease AST: ALT usually >2. This ratio is also seen to be increased in NAFLD, Wilsons's diseases, Cirrhosis, but the increase is usually not >2.

#### 2. Cholestatic Pattern:

- ALP Disproportionate increase in ALP compared with AST, ALT.
- Bilirubin may be elevated.• ALP elevation also seen in pregnancy, impacted by age and sex.
- To establish the hepatic origin correlation with GGT helps. If GGT elevated indicates hepatic cause of increased ALP.
- 3. Synthetic function impairment: Albumin-Liver disease reduces albumin levels. Correlation with PT (Prothrombin Time) helps.

DR. APEKSHA MADAN

PATHOLOGY

MBBS, DPB

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## **DEPARTMENT OF BIOCHEMISTRY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
RENAL PROFILE/KIDNEY FUNCTION	TEST (RFT/KFT), SEF	RUM		
CREATININE	0.82	mg/dL	0.6-1.1	ENZYMATIC METHOD
UREA	18.80	mg/dL	17-48	Urease
BLOOD UREA NITROGEN	8.8	mg/dL	8.0 - 23.0	Calculated
URIC ACID	6.00	mg/dL	4.0-7.0	URICASE
CALCIUM	10.60	mg/dL	8.4-10.2	CPC
PHOSPHORUS, INORGANIC	4.90	mg/dL	2.6-4.4	PNP-XOD
SODIUM	142	mmol/L	135-145	Direct ISE
POTASSIUM	5.0	mmol/L	3.5-5.1	Direct ISE
CHLORIDE	102	mmol/L	98-107	Direct ISE
PROTEIN, TOTAL	7.70	g/dL	6.7-8.3	BIURET
ALBUMIN	5.20	g/dL	3.8-5.0	BROMOCRESOL GREEN
GLOBULIN	2.50	g/dL	2.0-3.5	Calculated
A/G RATIO	2.08		0.9-2.0	Calculated

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY Page 10 of 13



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## **DEPARTMENT OF BIOCHEMISTRY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM	26.00	U/L	16-73	Glycylglycine Kinetic method

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY Page 11 of 13



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#### **DEPARTMENT OF IMMUNOLOGY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
THYROID PROFILE TOTAL (T3, T4, TSH)	, SERUM			'
TRI-IODOTHYRONINE (T3, TOTAL)	1.5	ng/mL	0.67-1.81	ELFA
THYROXINE (T4, TOTAL)	7.57	μg/dL	4.66-9.32	ELFA
THYROID STIMULATING HORMONE (TSH)	4.840	μIU/mL	0.25-5.0	ELFA

## **Comment:**

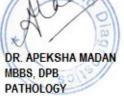
For pregnant females	Bio Ref Range for TSH in uIU/ml (As per American Thyroid Association)		
First trimester	0.1 - 2.5		
Second trimester	0.2 – 3.0		
Third trimester	0.3 - 3.0		

- **1.** TSH is a glycoprotein hormone secreted by the anterior pituitary. TSH activates production of T3 (Triiodothyronine) and its prohormone T4 (Thyroxine). Increased blood level of T3 and T4 inhibit production of TSH.
- 2. TSH is elevated in primary hypothyroidism and will be low in primary hyperthyroidism. Elevated or low TSH in the context of normal free thyroxine is often referred to as sub-clinical hypo- or hyperthyroidism respectively.
- 3. Both T4 & T3 provides limited clinical information as both are highly bound to proteins in circulation and reflects mostly inactive hormone. Only a very small fraction of circulating hormone is free and biologically active.
- 4. Significant variations in TSH can occur with circadian rhythm, hormonal status, stress, sleep deprivation, medication & circulating antibodies.

TSH	Т3	T4	FT4	Conditions
High	Low	Low	Low	Primary Hypothyroidism, Post Thyroidectomy, Chronic Autoimmune Thyroiditis
High	N	N	N	Subclinical Hypothyroidism, Autoimmune Thyroiditis, Insufficient Hormone Replacement Therapy.
N/Low	Low	Low	Low	Secondary and Tertiary Hypothyroidism
Low	High	High	High	Primary Hyperthyroidism, Goitre, Thyroiditis, Drug effects, Early Pregnancy
Low	N	N	N	Subclinical Hyperthyroidism
Low	Low	Low	Low	Central Hypothyroidism, Treatment with Hyperthyroidism
Low	N	High	High	Thyroiditis, Interfering Antibodies
N/Low	High	N	N	T3 Thyrotoxicosis, Non thyroidal causes
High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma

Page 12 of 13





SIN No:SPL24053152

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)

CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

156, Famous Cine Labs, Behind Everest Building Tardeo (Mumbai Central), Mumbai, Maharashtra Ph: 022 4332 4500



: Mr.BHAROTHU GOPARAJU

Age/Gender

: 31 Y 10 M 21 D/M

UHID/MR No Visit ID : STAR.0000062162

Ref Doctor

: STAROPV68476 : Dr.SELF

Emp/Auth/TPA ID

: 9611500525

Collected

: 23/Mar/2024 09:10AM

Received

: 23/Mar/2024 03:30PM

Reported

: 23/Mar/2024 05:53PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

## **DEPARTMENT OF CLINICAL PATHOLOGY**

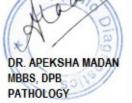
## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
COMPLETE URINE EXAMINATION (	CUE) , URINE			
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Visual
рН	6.0		5-7.5	Bromothymol Blue
SP. GRAVITY	1.020		1.002-1.030	Dipstick
BIOCHEMICAL EXAMINATION				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NEGATIVE		NEGATIVE	GOD-POD
URINE BILIRUBIN	NEGATIVE		NEGATIVE	AZO COUPLING
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	NITROPRUSSIDE
UROBILINOGEN	NORMAL		NORMAL	EHRLICH
NITRITE	NEGATIVE		NEGATIVE	Dipstick
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	PYRROLE HYDROLYSIS
CENTRIFUGED SEDIMENT WET M	OUNT AND MICROSCOPY	1		
PUS CELLS	0-1	/hpf	0-5	Microscopy
EPITHELIAL CELLS	0-1	/hpf	<10	MICROSCOPY
RBC	ABSENT	/hpf	0-2	MICROSCOPY
CASTS	? NIL		0-2 Hyaline Cast	MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY

\*\*\* End Of Report \*\*\*

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SIN No:UR2313707

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)

CIN- U85100TG2009PTC099414

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Address:

156, Famous Cine Labs, Behind Everest Building, Tardeo (Mumbai Central), Mumbai, Maharashtra Ph: 022 4332 4500



Date

MRNO Name

Age/Gender Mobile No Passport No Aadhar number:

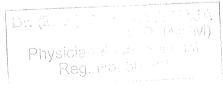
23/3/2014 OUT-PATIENT RECORD
BD162
MR. Bhorothu Goponiju
3144 / Male

22/20 C6/Min 120/90 Pulse: Resp: Temp: 9401 27.0 Height: 178 Waist Circum: Weight: BMI:

General Examination / Allergies History

Clinical Diagnosis & Management Plan







Follow up date:

Doctor Signature



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TOU Patient Name ES

: Mr.BHAROTHU GOPARAJU

: 31 Y 10 M 21 D/M

Age/Gender UHID/MR No

Visit ID

: STAR.0000062162

Ref Doctor Emp/Auth/TPA ID : 9611500525

: Dr.SELF

: STAROPV68476

Collected Received

Reported

: 23/Mar/2024 09:10AM

: 23/Mar/2024 12:05PM

: 23/Mar/2024 02:21PM

Status : Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

## **DEPARTMENT OF HAEMATOLOGY**

PERIPHERAL SMEAR, WHOLE BLOOD EDTA

Methodology: Microscopic

RBC: Normocytic normochromic

WBC: Normal in number, morphology and distribution. No abnormal cells seen

Platelets: Adequate in Number

Parasites: No Haemoparasites seen

IMPRESSION: Normocytic normochromic blood picture

Note/Comment : Please Correlate clinically

Page I of 13



DR. APEKSHA MADAN MBBS, DPB **PATHOLOGY** SIN No:BED240079337



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TO U Patient Name ES

: Mr.BHAROTHU GOPARAJU

Age/Gender UHID/MR No : 31 Y 10 M 21 D/M

Visit ID

: STAR.0000062162

Ref Doctor

: STAROPV68476

Emp/Auth/TPA ID

: Dr.SELF : 9611500525 Collected

: 23/Mar/2024 09:10AM

Received

: 23/Mar/2024 12:05PM

Reported

: 23/Mar/2024 02:21PM

Status

Sponsor Name

: Final Report

: ARCOFEMI HEALTHCARE LIMITED

## **DEPARTMENT OF HAEMATOLOGY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
HEMOGRAM, WHOLE BLOOD EDTA				
HAEMOGLOBIN	14.6	g/dL	13-17	CYANIDE FREE COLOUROMETER
PCV	46.00	%	40-50	PULSE HEIGHT AVERAGE
RBC COUNT	4.91	Million/cu.mm	4.5-5.5	Electrical Impedence
MCV	93.7	fL	83-101	Calculated
MCH	29.7	pg	27-32	Calculated
MCHC	31.7	g/dL	31.5-34.5	Calculated
R.D.W	11.6	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	5,310	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT	(DLC)			
NEUTROPHILS	46	%	40-80	Electrical Impedance
LYMPHOCYTES	46	%	20-40	Electrical Impedance
EOSINOPHILS	02	%	1-6	Electrical Impedance
MONOCYTES	06	%	2-10	Electrical Impedance
BASOPHILS	00	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				•
NEUTROPHILS	2442.6	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	2442.6	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	106.2	Cells/cu.mm	20-500	Calculated
MONOCYTES	318.6	Cells/cu.mm	200-1000	Calculated
Neutrophil lymphocyte ratio (NLR)	1		0.78- 3.53	Calculated
PLATELET COUNT	295000	cells/cu.mm	150000-410000	IMPEDENCE/MICROSCOPY
ERYTHROCYTE SEDIMENTATION RATE (ESR)	05	mm at the end of 1 hour	0-15	Modified Westergren

PERIPHERAL SMEAR

Methodology: Microscopic

RBC: Normocytic normochromic

DR. APEKSHA MADAN MBBS, DPB

PATHOLOGY

SIN No:BED240079337







TOU Patient Name ES

: Mr.BHAROTHU GOPARAJU

Age/Gender : 31 Y 10 M 21 D/M

UHID/MR No Visit ID : STAR.0000062162

Ref Doctor

: STAROPV68476

Emp/Auth/TPA ID

: Dr.SELF : 9611500525 Collected

: 23/Mar/2024 09:10AM

: 23/Mar/2024 12:05PM

Received Reported

: 23/Mar/2024 02:21PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

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## **DEPARTMENT OF HAEMATOLOGY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

WBC: Normal in number, morphology and distribution. No abnormal cells seen

Platelets: Adequate in Number

Parasites: No Haemoparasites seen

IMPRESSION: Normocytic normochromic blood picture

Note/Comment: Please Correlate clinically

Page 3 of 13



DR. APEKSHA MADAN MBBS, DPB PATHOLOGY

SIN No:BED240079337



TOU Patient Name ES

: Mr.BHAROTHU GOPARAJU

Age/Gender

: 31 Y 10 M 21 D/M

UHID/MR No

: STAR.0000062162

Visit ID

: STAROPV68476

Ref Doctor Emp/Auth/TPA ID : Dr.SELF : 9611500525 Collected

: 23/Mar/2024 09:10AM

Received

: 23/Mar/2024 12:05PM

Reported

: 23/Mar/2024 03:10PM

Status

: Final Report

Sponsor Name

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## **DEPARTMENT OF HAEMATOLOGY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name

Result

Unit

Bio. Ref. Range

Method

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BLOOD GROUP ABO AND RH FACTOR, WHOLE BLOOD EDTA

**BLOOD GROUP TYPE** 

В

Rh TYPE

**POSITIVE** 

Forward & Reverse Grouping with Slide/Tube Aggluti Forward & Reverse

Grouping with Slide/Tube Agglutination

Page 4 of 13



DR. APEKSHA MADAN MBBS, DPB PATHOLOGY

SIN No:BED240079337



Apollo
DIAGNOSTICS

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TO U Patient Name ES

: Mr.BHAROTHU GOPARAJU

Collected

: 23/Mar/2024 06:02PM

Age/Gender
UHID/MR No

: 31 Y 10 M 21 D/M : STAR.0000062162 Received Reported : 23/Mar/2024 06:38PM

Visit ID

: STAROPV68476

Status

: 23/Mar/2024 07:30PM : Final Report

Ref Doctor Emp/Auth/TPA ID : Dr.SELF

: 9611500525

Sponsor Name :

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING , NAF PLASMA	93	mg/dL	70-100	GOD - POD
Comment: As per American Diabetes Guidelines, 2023				
Fasting Glucose Values in mg/dL	Interpretation	er en	er karjar Jamili Maria Karri Milijah kerjah dibadi antar samban dari pada an kari Jan Indohad Karaban dari Mak	
70-100 mg/dL	Normal			
100-125 mg/dL	Prediabetes		**	
≥126 mg/dL	Diabetes		'	
<70 mg/dL	Hypoglycemia			

Note:

<sup>2.</sup> Very high glucose levels (>450 mg/dL in adults) may result in Diabetic Ketoacidosis & is considered critical.

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS, SODIUM FLUORIDE PLASMA (2 HR)	74	mg/dL	70-140	GOD - POD

#### **Comment:**

It is recommended that FBS and PPBS should be interpreted with respect to their Biological reference ranges and not with each other.

Conditions which may lead to lower postprandial glucose levels as compared to fasting glucose levels may be due to reactive hypoglycemia, dietary meal content, duration or timing of sampling after food digestion and absorption, medications such as insulin preparations, sulfonylureas, amylin analogues, or conditions such as overproduction of insulin.

Page 5 of 13



DR. APEKSHA MADAN MBBS, DPB PATHOLOGY

SIN No:PLP1436798

<sup>1.</sup> The diagnosis of Diabetes requires a fasting plasma glucose of > or = 126 mg/dL and/or a random / 2 hr post glucose value of > or = 200 mg/dL on at least 2 occasions.



: Mr.BHAROTHU GOPARAJU

Age/Gender

: 31 Y 10 M 21 D/M

UHID/MR No

: STAR.0000062162

Visit ID Ref Doctor

: STAROPV68476

Emp/Auth/TPA ID

: Dr.SELF : 9611500525 Collected

: 23/Mar/2024 09:10AM

Received

: 23/Mar/2024 03:52PM

Reported

: 23/Mar/2024 05:08PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

## DEPARTMENT OF BIOCHEMISTRY

# ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Die Die D	
HBA1C (GLYCATED HEMOGLOBIN), W	HOLE BLOOD EDTA	Oille	Bio. Ref. Range	Method
HBA1C, GLYCATED HEMOGLOBIN ESTIMATED AVERAGE GLUCOSE (eAG)	5.4 108	% mg/dL		HPLC Calculated

## Comment:

Reference Range as per American Diabetes Association (ADA) 20

REFERENCE GROUP	HBA1C %	3 ; « поточность постанующего
NON DIABETIC	<5.7	
PREDIABETES	5.7 – 6.4	
DIABETES	> 6.5	
DIABETICS	≥ 0.3	
EXCELLENT CONTROL	6 – 7	
FAIR TO GOOD CONTROL	7 – 8	
UNSATISFACTORY CONTROL	· · · · · · · · · · · · · · · · · · ·	
POOR CONTROL	8 – 10 >10	

Note: Dietary preparation or fasting is not required.

- 1. HbA1C is recommended by American Diabetes Association for Diagnosing Diabetes and monitoring Glycemic Control by American Diabetes Association guidelines 2023.
- 2. Trends in HbA1C values is a better indicator of Glycemic control than a single test.
- 3. Low HbA1C in Non-Diabetic patients are associated with Anemia (Iron Deficiency/Hemolytic), Liver Disorders, Chronic Kidney Disease. Clinical Correlation
- 4. Falsely low HbA1c (below 4%) may be observed in patients with clinical conditions that shorten erythrocyte life span or decrease mean erythrocyte age. HbA1c may not accurately reflect glycemic control when clinical conditions that affect erythrocyte survival are present.
- 5. In cases of Interference of Hemoglobin variants in HbA1C, alternative methods (Fructosamine) estimation is recommended for Glycemic Control
  - B: Homozygous Hemoglobinopathy.
  - (Hb Electrophoresis is recommended method for detection of Hemoglobinopathy)

Page 6 of 13

Dr.Pratibha Kadam M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:EDT240036317



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TOUCH Patient Name

Age/Gender UHID/MR No : Mr.BHAROTHU GOPARAJU

: 31 Y 10 M 21 D/M : STAR.0000062162

Visit ID

:STAROPV68476

Ref Doctor Emp/Auth/TPA ID

: Dr.SELF : 9611500525 Collected

: 23/Mar/2024 09:10AM

Received

: 23/Mar/2024 12:48PM

Reported

: 23/Mar/2024 02:57PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

# DEPARTMENT OF BIOCHEMISTRY ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name LIPID PROFILE , SERUM	Result	Unit	Bio. Ref. Range	Method
TOTAL CHOLESTEROL TRIGLYCERIDES HDL CHOLESTEROL NON-HDL CHOLESTEROL LDL CHOLESTEROL VLDL CHOLESTEROL CHOL / HDL RATIO ATHEROGENIC INDEX (AIP)	167 105 35 132 111 21 4.77 0.12	mg/dL mg/dL mg/dL mg/dL mg/dL	<200 <150 >40 <130 <100 <30 0-4.97 <0.11	CHE/CHO/POD CHE/CHO/POD Calculated Calculated Calculated Calculated Calculated Calculated

## Comment:

Reference Interval as per National Cholesterol Education Program (NCEP) Adult Treatment Par

	Desirable	Borderline	High	Very
TOTAL CHOLESTEROL	< 200	<b>High</b> 200 - 239	≥ 240	High
TRIGLYCERIDES	<150	150 - 199	200 -	≥ 500
LDL	Optimal < 100; Near Optimal 100- 129	120 150	499 160 -	
HDL	129 ≥ 60	130 - 139	189	≥ 190
NON-HDL CHOLESTEROL	Optimal <130; Above Optimal 130-159	160-189	190-219	9 >220
ATHEROGENIC INDEX(AIP)	<0.11	0.12 - 0.20	>0.21	2 - 220

## Note:

- 1) Measurements in the same patient on different days can show physiological and analytical variations.
- 2) NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.
- 3) Primary prevention algorithm now includes absolute risk estimation and lower LDL Cholesterol target levels to determine

Page 7 of 13

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY



тоисн Patient Name

: Mr.BHAROTHU GOPARAJU

Age/Gender UHID/MR No

: 31 Y 10 M 21 D/M

Viet ID

: STAR.0000062162

Visit ID Ref Doctor

: STAROPV68476

Emp/Auth/TPA ID

: Dr.SELF : 9611500525 Collected

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Received

: 23/Mar/2024 12:48PM

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: 23/Mar/2024 02:57PM

Status

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Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

## DEPARTMENT OF BIOCHEMISTRY

# ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

eligibility of drug therapy.

- 4) Low HDL levels are associated with coronary heart disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
- 5) As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children cholesterol is recommended.
- 6) VLDL, LDL Cholesterol Non-HDL Cholesterol, CHOL/HDL RATIO, LDL/HDL RATIO are calculated parameters when Triglycerides are below 400 mg/dl. When

Triglycerides are more than 400 mg/dl LDL cholesterol is a direct measurement.

7) Triglycerides and HDL-cholesterol in Atherogenic index (AIP) reflect the balance between the atherogenic and protective lipoproteins. Clinical studies have shown that AIP (log (TG/HDL) & values used are in mmol/L) predicts cardiovascular risk and a useful measure of response to treatment (pharmacological intervention).

Page 8 of 13



DR. APEKSHA MADAN MBBS, DPB PATHOLOGY



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Age/Gender UHID/MR No : Mr.BHAROTHU GOPARAJU

: 31 Y 10 M 21 D/M : STAR.0000062162

Visit ID Ref Doctor

: STAROPV68476 : Dr.SELF

Emp/Auth/TPA ID

: 9611500525

Collected

: 23/Mar/2024 09:10AM

Received Reported

: 23/Mar/2024 12:48PM

Status

: 23/Mar/2024 03:12PM : Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

# DEPARTMENT OF BIOCHEMISTRY ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

				. — •
Test Name LIVER FUNCTION TEST (LFT) , SERUM	Result	Unit	Bio. Ref. Range	Method
BILIRUBIN, TOTAL BILIRUBIN CONJUGATED (DIRECT) BILIRUBIN (INDIRECT) ALANINE AMINOTRANSFERASE (ALT/SGPT)	0.30 0.10 0.20 31	mg/dL mg/dL mg/dL U/L	0.1-1.2 0.1-0.4 0.0-1.1 4-44	Azobilirubin DIAZO DYE Dual Wavelength JSCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	24.0	U/L	8-38	JSCC
ALKALINE PHOSPHATASE PROTEIN, TOTAL ALBUMIN	57.00 7.70 <b>5.20</b>	U/L g/dL g/dL	32-111 6.7-8.3 3.8-5.0	IFCC BIURET BROMOCRESOL
GLOBULIN A/G RATIO	2.50 <b>2.08</b>	g/dL	2.0-3.5 0.9-2.0	GREEN Calculated Calculated

#### Comment:

LFT results reflect different aspects of the health of the liver, i.e., hepatocyte integrity (AST & ALT), synthesis and secretion of bile (Bilirubin, ALP), cholestasis Common patterns seen:

- 1. Hepatocellular Injury:
- AST Elevated levels can be seen. However, it is not specific to liver and can be raised in cardiac and skeletal injuries.
- ALT Elevated levels indicate hepatocellular damage. It is considered to be most specific lab test for hepatocellular injury. Values also correlate well with increasing BMI .• Disproportionate increase in AST, ALT compared with ALP. • Bilirubin may be elevated.
- AST: ALT (ratio) In case of hepatocellular injury AST: ALT > IIn Alcoholic Liver Disease AST: ALT usually >2. This ratio is also seen to be increased in NAFLD, Wilsons's diseases, Cirrhosis, but the increase is usually not >2.
- 2. Cholestatic Pattern:
- ALP Disproportionate increase in ALP compared with AST, ALT.
- Bilirubin may be elevated. ALP elevation also seen in pregnancy, impacted by age and sex.
- To establish the hepatic origin correlation with GGT helps. If GGT elevated indicates hepatic cause of increased ALP.
- 3. Synthetic function impairment: Albumin- Liver disease reduces albumin levels. Correlation with PT (Prothrombin Time) helps.

Page 9 of 13



DR. APEKSHA MADAN MBBS, DPB PATHOLOGY



TO UPatient Name ES

: Mr.BHAROTHU GOPARAJU

Age/Gender UHID/MR No : 31 Y 10 M 21 D/M

: STAR.0000062162

Visit ID

: STAROPV68476

Ref Doctor Emp/Auth/TPA ID : Dr.SELF : 9611500525 Collected

: 23/Mar/2024 09:10AM

Received Reported

: 23/Mar/2024 12:48PM : 23/Mar/2024 02:57PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

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## **DEPARTMENT OF BIOCHEMISTRY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
RENAL PROFILE/KIDNEY FUNCTION	TEST (RFT/KFT), SER	UM		
CREATININE	0.82	mg/dL	0.6-1.1	ENZYMATIC METHOD
UREA	18.80	mg/dL	17-48	Urease
BLOOD UREA NITROGEN	8.8	mg/dL	8.0 - 23.0	Calculated
URIC ACID	6.00	mg/dL	4.0-7.0	URICASE
CALCIUM	10.60	mg/dL	8.4-10.2	CPC
PHOSPHORUS, INORGANIC	4.90	mg/dL	2.6-4.4	PNP-XOD
SODIUM	142	mmol/L	135-145	Direct ISE
POTASSIUM	5.0	mmol/L	3.5-5.1	Direct ISE
CHLORIDE	102	mmol/L	98-107	Direct ISE
PROTEIN, TOTAL	7.70	g/dL	6.7-8.3	BIURET
ALBUMIN	5.20	g/dL	3.8-5.0	BROMOCRESOL GREEN
GLOBULIN	2.50	g/dL	2.0-3.5	Calculated
A/G RATIO	2.08		0.9-2.0	Calculated

Page 10 of 13



DR. APEKSHA MADAN MBBS, DPB **PATHOLOGY** 



TOUCHING LIV Patient Name

: Mr.BHAROTHU GOPARAJU

Age/Gender

UHID/MR No

Visit ID Ref Doctor Emp/Auth/TPA ID : 31 Y 10 M 21 D/M : STAR.0000062162

: STAROPV68476

: Dr.SELF : 9611500525 Collected Received : 23/Mar/2024 09:10AM

: 23/Mar/2024 12:48PM

Reported : 23/Mar/2024 02:57PM

: Final Report Status

: ARCOFEMI HEALTHCARE LIMITED Sponsor Name

## DEPARTMENT OF BIOCHEMISTRY

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

**Test Name** 

**GAMMA GLUTAMYL** TRANSPEPTIDASE (GGT), SERUM Result 26.00

Unit U/L

Bio. Ref. Range

Method 16-73 Glycylglycine Kinetic

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method

Page 11 of 13



DR. APEKSHA MADAN MBBS, DPB **PATHOLOGY** 



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TO U Patient Warner ES

: Mr.BHAROTHU GOPARAJU

Age/Gender UHID/MR No : 31 Y 10 M 21 D/M

Visit ID

: STAR.0000062162 : STAROPV68476

Ref Doctor

Emp/Auth/TPA ID

: Dr.SELF : 9611500525 Collected

: 23/Mar/2024 09:10AM

Received Reported

Sponsor Name

: 23/Mar/2024 09:45AM : 23/Mar/2024 12:01PM

Status

: Final Report

: ARCOFEMI HEALTHCARE LIMITED

## DEPARTMENT OF IMMUNOLOGY

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
THYROID PROFILE TOTAL (T3, T4, TSH)	, SERUM			
TRI-IODOTHYRONINE (T3, TOTAL)	1.5	ng/mL	0.67-1.81	ELFA
THYROXINE (T4, TOTAL)	7.57	μg/dL	4.66-9.32	ELFA
THYROID STIMULATING HORMONE (TSH)	4.840	μIU/mL	0.25-5.0	ELFA

#### Comment:

For pregnant females	Bio Ref Range for TSH in uIU/ml (As per American Thyroid Association)						
First trimester	0.1 - 2.5						
Second trimester	0.2 - 3.0						
Third trimester	0.3 - 3.0						

- 1. TSH is a glycoprotein hormone secreted by the anterior pituitary. TSH activates production of T3 (Triiodothyronine) and its prohormone T4 (Thyroxine). Increased blood level of T3 and T4 inhibit production of TSH.
- 2. TSH is elevated in primary hypothyroidism and will be low in primary hyperthyroidism. Elevated or low TSH in the context of normal free thyroxine is often referred to as sub-clinical hypo- or hyperthyroidism respectively.
- 3. Both T4 & T3 provides limited clinical information as both are highly bound to proteins in circulation and reflects mostly inactive hormone. Only a very small fraction of circulating hormone is free and biologically active.

4. Significant variations in TSH can occur with circadian rhythm, hormonal status, stress, sleep deprivation, medication & circulating antibodies.

TSH	Т3	Т4	FT4	Conditions
High	Low	Low	Low	Primary Hypothyroidism, Post Thyroidectomy, Chronic Autoimmune Thyroiditis
High	N	N	N	Subclinical Hypothyroidism, Autoimmune Thyroiditis, Insufficient Hormone Replacement Therapy.
N/Low	Low	Low	Low	Secondary and Tertiary Hypothyroidism
Low	High	High	High	Primary Hyperthyroidism, Goitre, Thyroiditis, Drug effects, Early Pregnancy
Low	N	N	N	Subclinical Hyperthyroidism
Low	Low	Low	Low	Central Hypothyroidism, Treatment with Hyperthyroidism
Low	N	High	High	Thyroiditis, Interfering Antibodies
N/Low	High	N	Ν	T3 Thyrotoxicosis, Non thyroidal causes
High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma

Page 12 of 13



DR. APEKSHA MADAN MBBS, DPB **PATHOLOGY** 

SIN No:SPL24053152



Expertise. Empowering you.

TOU Patient Name ES

: Mr.BHAROTHU GOPARAJU

Age/Gender UHID/MR No : 31 Y 10 M 21 D/M : STAR.0000062162

Visit ID

: STAROPV68476

Ref Doctor Emp/Auth/TPA ID : Dr.SELF : 9611500525 Collected Received

: 23/Mar/2024 09:10AM

: 23/Mar/2024 03:30PM

Reported

: 23/Mar/2024 05:53PM

Status

: Final Report

: ARCOFEMI HEALTHCARE LIMITED Sponsor Name

## **DEPARTMENT OF CLINICAL PATHOLOGY**

## ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Rang	e Method
COMPLETE URINE EXAMINATION (	CUE) , URINE			
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Visual
рН	6.0		5-7.5	Bromothymol Blue
SP. GRAVITY	1.020		1.002-1.030	Dipstick
BIOCHEMICAL EXAMINATION				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NEGATIVE		NEGATIVE	GOD-POD
URINE BILIRUBIN	NEGATIVE		NEGATIVE	AZO COUPLING
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	NITROPRUSSIDE
UROBILINOGEN	NORMAL		NORMAL	EHRLICH
NITRITE	NEGATIVE		NEGATIVE	Dipstick
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	PYRROLE HYDROLYSIS
CENTRIFUGED SEDIMENT WET N	IOUNT AND MICROSCOPY	•		
PUS CELLS	0-1	/hpf	0-5	Microscopy
EPITHELIAL CELLS	0-1	/hpf	<10	MICROSCOPY
RBC	ABSENT	/hpf	0-2	MICROSCOPY
CASTS	NIL		0-2 Hyaline Cas	t MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY

\*\*\* End Of Report \*\*\*

Page 13 of 13



DR. APEKSHA MADAN MBBS, DPB **PATHOLOGY** 

SIN No:UR2313707

Ph No: 040-4904 7777 | www.apollohl.com | Email ID:enquiry@apollohl.com

BHAROTHU,

GE MAC1200 ST



: Mr. Bharothu Goparaju

: 31 Y M

UHID

: STAR.0000062162

OP Visit No

: STAROPV68476

Reported on

: 25-03-2024 10:25

Printed on

Age

: 25-03-2024 10:26

Adm/Consult Doctor

Ref Doctor

: SELF

## DEPARTMENT OF RADIOLOGY

## X-RAY CHEST PA

Both lung fields and hila are normal.

No obvious active pleuro-parenchymal lesion seen .

Both costophrenic and cardiophrenic angles are clear.

Both diaphragms are normal in position and contour.

Thoracic wall and soft tissues appear normal.

## **CONCLUSION:**

No obvious abnormality seen

Printed on:25-03-2024 10:25

---End of the Report---

Dr. VINOD SHETTY Radiology



Patient Name : MR. BHAROTHU GOPARAJU

Ref. By : HEALTH CHECK UP

Date : 23-03-2024

Age : 31 years

## SONOGRAPHY OF ABDOMEN AND PELVIS

LIVER: The liver is normal in size but shows mild diffuse increased echotexture suggestive

of fatty infiltration (Grade I). No focal mass lesion is seen. The intrahepatic biliary tree

& venous radicles appear normal. The portal vein and CBD appear normal.

<u>GALL</u> :The gall bladder is well distended and reveals normal wall thickness. There is no

**BLADDER** evidence of calculus seen in it.

**PANCREAS**: The pancreas is normal in size and echotexture. No focal mass lesion is seen.

**SPLEEN** : The spleen is normal in size and echotexture. No focal parenchymal mass lesion

is seen. The splenic vein is normal.

**<u>KIDNEYS</u>**: The **RIGHT KIDNEY** measures 10.5 x 4.7 cms and the **LEFT KIDNEY** measures

10.6 x 5.4 cms in size. Both kidneys are normal in size, shape and echotexture. There

is no evidence of hydroneprosis or calculi seen on either side.

The para-aortic & iliac fossa regions appears normal. There is no free fluid or any

lymphadenopathy seen in the abdomen.

**PROSTATE**: The prostate measures 3.2 x 2.8 x 2.6 cms and weighs 12.7 gms. It is normal in size,

shape and echotexture. No prostatic calcification is seen.

**URINARY**: The urinary bladder is well distended and is normal in shape and contour.

**BLADDER** No intrinsic lesion or calculus is seen in it. The bladder wall is normal in thickness.

<u>IMPRESSION:</u> The Ultrasound examination reveals mild fatty infiltration of the Liver.

No other significant abnormality is detected.

Report with compliments.

DR.VINOD V.SHETTY

MD, D.M.R.D.

CONSULTANT SONOLOGIST.



Name

: Mr. Bharothu Goparaju

Age

: 31 Year(s)

Date

: 23/03/2024

Sex

: Male

Visit Type : OPD

## **ECHO Cardiography**

## **Comments:**

Normal cardiac dimensions.

Structurally normal valves.

No evidence of LVH.

Intact IAS/IVS.

No evidence of regional wall motion abnormality.

Normal LV systolic function (LVEF 60%).

No diastolic dysfunction.

Normal RV systolic function.

No intracardiac clots / vegetation/ pericardial effusion.

No evidence of pulmonary hypertension.PASP=30mmHg.

IVC 12 mm collapsing with respiration.

## **Final Impression:**

NORMAL 2DECHOCARDIOGRAPHY REPORT.

DR.CHHAYA P.VAJA. M. D.(MUM)
NONINVASIVE CARDIOLOGIST



Name

: Mr. Bharothu Goparaju

Age

: 31 Year(s)

Date: 23/03/2024

Sex: Male Visit Type : OPD

Dimension:

EF Slope

80mm/sec

**EPSS** 

04mm

LA

30mm

AO

32mm

LVID (d)

47mm

LVID(s)

27mm

IVS (d)

11mm

LVPW (d)

11mm

**LVEF** 

60% (visual)

DR.CHHAYA P.VAJA. M. D.(MUM) **NONINVASÍVE CARDIOLOGIST** 

# EYE REPORT



Name: Bharothu Gopara	ýu –	Date: 23   3   2 4
Age/Sex: 31 / M	•	Ref No.:
Complaint: Nil.	Aut Seg; .	WNI -
Examination Vn \$616, No	VCDRI	Mod. Size ONH  6.8:1  Bipolar Hinni
Spectacle Rx		
Right Eye  Vision Sphere Cyl.  Distance  Read	Axis Vision	Sphere Cyl. Axis
Remarks: Both eye	OCT-RNF	L (E appointment)
Medications:		
<ul> <li>Trade Name</li> </ul>	Frequenc	y Duration

Follow up:

Consultant:

Apollo Spectra Hospitals
Famous Cine Labs, 156, Pt. M. M.
Malviya Road, Tardeo, Mumbai - 400 034.
Tel.: 022 4332 4500 www.apollospectra.com

Dr. Nusrat J. Bukhari (Mistry)
M.D., D.O.M.S. (GOLD MEDALIST)
Reg. No. 2012/10/2914

Mob:- 8850 1858 73



23/3/24

8/3 Dr. Mitul C. Bhatt (GNI)

Me. Bhawthn G.

Pr. for ENT Chark up.

C -)

R + +

+ +

N -)

# **DIETARY GUIDELINES FOR BALANCED DIET**

Should avoid both fasting and feasting.

A meal pattern should be followed. Have small frequent and regular meal. Do not exceeds the interval between two meals beyond 3 hours.

Exercise regularly for at least 30-45 minutes daily. Walking briskly is a good form of exercise, yoga, gym, cycling, and swimming.

Keep yourself hydrating by sipping water throughout the day. You can have plain lemon water (without sugar), thin butter milk, vegetable s``oups, and milk etc.

Fat consumption: - 3 tsp. per day / ½ kg per month per person.

It's a good option to keep changing oils used for cooking to take the benefits of all types of oil.eg: Groundnut oil, mustard oil, olive oil, Sunflower oil, Safflower oil, Sesame oil etc.

## **FOOD ALLOWED**

FOOD GROUPS	FOOD ITEMS					
Cereals	Whole Wheat and Wheat product like daliya, rava ,bajara, jowar, ragi, oats, nachni etc.					
pulses	Dal like moong, masoor, tur and pulses Chana, chhole, rajma, etc.					
Milk	Prefer low fat cow's milk / skim milk and milk product like curd, buttermilk, paneer etc.					
Vegetable	All types of vegetable.					
Fruits	All types of Fruits.					
Nuts	2 Almonds, 2 walnuts, 1 dry anjeer, dates, pumpkin seeds, flax seeds, niger seeds, garden cress seeds.					
Non Veg	2-3 pices of Chicken/fish, (removed skin) twice a week and 2 egg white daily. Should be eat in grill and gravy form.					

ID

Age

31

B Leve thy

Coporaju

Gender

178cm Height

Male

23. 3. 2024 Date

09:37:06 Time

APOLLO SPECTRA HOSPITAL

븀

F

Rody Composition

Body Compositio		ing etci							Ove	r		UNIT:96	Normal Range
Weight	40	55	70	85	100	115	ı30 ■85.	145 4 kg	160	175	190	205	59. 3 ~ 80. 2
Muscle Mass Skeletal Muscle Mass	60	70	80	90	31.	8 kg	120	130	140	150	160	170	29. 9 ~ 36. 5
Body Fat Mass	20	40	60	80	100	160	220	280 28	340 3. 3 kg	400 3	460	520	8. 4 ~ 16. 7
TBW Total BodyWater	41.	8 kg (	39. 2	2~47	. 9)		F F	M se Mass			5	7. 1 kg	(50. 9~63. 4)
Protein	11.	2 kg (	10. 5	5 <b>~</b> 12	2. 8)		Mi	nera	ı∣*		4	. 10 kg	3(3.63~4.43)

\* Mineral is estimated.

**Nutritional Evaluation** 

**Obesity Diagnosis** 

		MARIE COLOR FACIONO		
17.119.139.5	Normal Range	Protein ⊠Norma	☐ Deficient	
Control of the state of the sta	PRINCIPAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY	Mineral ⊠Norma	□ Deficient	
27.0	18. 5 <b>~</b> 25. 0	Fat □Normal	□ Deficient	<b>☑</b> Excessive
		Weight Management		
22 2	10 0~20 0	Weight □ Normal	□ Under	<b>☑</b> Over
00. 2	10.0 20.0	SMM ⊠Normal	□Under	☐ Strong
		Fat □Normal	□Under	✓ Over
1. 10	0.80~0.90	Obesity Diagnosis		
		B M I □ Normal	☐ Under ☐ Extremel	<b></b> Over ∕ Over
1603	1781 ~ 2095	PBF □Normal	□ Under	☑ Over
		WHR □Normal	□ Under	✓ Over
	33. 2	33. 2 10. 0 ~ 20. 0 1. 10 0. 80 ~ 0. 90	Normal Range	Normal Range

## Muscle-Fat Control

Muscle Control +	2. 2 kg	Fat Control	- 17.9 kg	Fitness Score	60
------------------	---------	-------------	-----------	---------------	----

Segmental Lean	Lean Mass Evaluation
3. 4kg Normal  Trunk 27. 1kg Normal  8. 5kg Under	3.4kg Normal Normal Right 8.6kg Under

Segmenta	l Fat	PBF Fat Mass	
Segmenta	Hat	Evaluation	
36. 1%		36. 5%	
2. 1 kg		2. 1 kg	
Over	_	Over	
	Trunk		
	35. 7%		
	16. 0 kg		Right
	Over		
			i
27.3%		27.3%	
3. 4kg	: () 1 ()	3. 4 kg	
Over		Over	

**Impedance** 

Z RA LA TR RL LL 20kHz 342. 0 337. 4 24. 0 320. 4 324. 0 100kHz 309. 4 305. 7 20. 3 288. 7 293. 0

\* Segmantal Fat is estimated.

## Exercise Planner Plan your weekly exercises from the followings and estimate your weight loss from those activities.

#### Energy expenditure of each activity(base weight: $85.4\,\mathrm{kg}$ / Duration: 30min./ unit: kcal) Mountain Climbing Aerobic Walking Bicycle Swim Jogging 299 256 299 278 171 299 Oriental Table Gate ball Badmintor Football Tennis Fencing 256 299 427 162 193 193 Rope jumping Tae-kwon-do Basketball Golf Squash 299 150 427 256 427 427 Weight training Elastic band Dumbbell Sit-ups Squats Push-ups development of upper body abdominal nusde trainin

## How to do

- 1. Choose practicable and preferable activities from the left.
- 2. Choose exercises that you are going to do for 7 days.
- 3. Calculate the total energy expenditure for a week.
- 4. Estimate expected total weight loss for a month using the formula shown below.
- Recommended calorie intake per day

\*Calculation for expected total weight loss for 4 weeks: Total energy expenditure (kcal/week) X 4weeks ÷ 7700

<sup>\*</sup> Use your results as reference when consulting with your physician or fitness trainer.

## Dear Goparaju,

Greetings from Apollo Clinics,

Your corporate health check appointment is confirmed at SPECTRA TARDEO clinic on 2024-03-23 at 08:00-08:15.

Payment Mode	
Corporate Name	ARCOFEMI HEALTHCARE LIMITED
Agreement Name	[ARCOFEMI MEDIWHEEL FEMALE AHC CREDIT PAN INDIA OP AGREEMENT]
Package Name	[ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324]

"Kindly carry with you relevant documents such as HR issued authorization letter and or appointment confirmation mail and or valid government ID proof and or company ID card and or voucher as per our agreement with your company or sponsor."

Note: Video recording or taking photos inside the clinic premises or during camps is not allowed and would attract legal consequences.

Note: Also once appointment is booked, based on availability of doctors at clinics tests will happen, any pending test will happen based on doctor availability and clinics will be updating the same to customers.



**Patient Name** : Mr. Bharothu Goparaju Age/Gender : 31 Y/M

UHID/MR No. : STAR.0000062162 **OP Visit No** : STAROPV68476 Sample Collected on : 25-03-2024 10:26 Reported on

LRN# : RAD2277789 Specimen

**Ref Doctor** Emp/Auth/TPA ID : 9611500525

## DEPARTMENT OF RADIOLOGY

## X-RAY CHEST PA

Both lung fields and hila are normal.

No obvious active pleuro-parenchymal lesion seen.

Both costophrenic and cardiophrenic angles are clear.

Both diaphragms are normal in position and contour.

Thoracic wall and soft tissues appear normal.

## **CONCLUSION:**

No obvious abnormality seen

Dr. VINOD SHETTY

Radiology



Patient Name : Mr. Bharothu Goparaju Age/Gender : 31 Y/M

 UHID/MR No.
 : STAR.0000062162
 OP Visit No
 : STAROPV68476

 Sample Collected on
 : 23-03-2024 12:04

Ref Doctor : SELF Emp/Auth/TPA ID : 9611500525

## DEPARTMENT OF RADIOLOGY

## **ULTRASOUND - WHOLE ABDOMEN**

LIVER: The liver is normal in size but shows mild diffuse increased echotexture suggestive of fatty infiltration (Grade I). No focal mass lesion is seen. The intrahepatic biliary tree & venous radicles appear normal. The portal vein and CBD appear normal.

GALL :The gall bladder is well distended and reveals normal wall thickness. There is no

**BLADDER** evidence of calculus seen in it.

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shape and echotexture. No prostatic calcification is seen.

URINARY: The urinary bladder is well distended and is normal in shape and contour.

**BLADDER** No intrinsic lesion or calculus is seen in it. The bladder wall is normal in thickness.

IMPRESSION: The Ultrasound examination reveals mild fatty infiltration of the Liver.

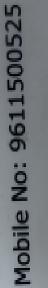
No other significant abnormality is detected.

Dr. VINOD SHETTY Radiology











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