Date

: 18-03-2024

MR NO

: CAUN.0000141317

Department

: GENERAL

Doctor

Name

: Mr. Dhaneshwar Prasad Singh

Registration No

Age/ Gender : 51 Y / Male

Qualification

Consultation Timing: 09:09

Height Weight		talent and the second
	The day of the second of the s	Commence and a supplementary and
Pulse	RANGESTON CONTRACTOR CONTRACTOR DE LA CO	130180
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: Dhaneshwar Singh.

Date

: 18,03 24

AGE/Sex

: 311 M.

UHID/ MR NO

: 141317

	RIGHT EYE	LEFT EYE
FAR VISION	Glass 616	Grass 616
NEAR VISION	Gians NIE	Gias NG
ANTERIOR SEGMENT PUPIL	MO	MO
COLOUR VISION		N
FAMILY / MEDICAL HISTORY	HO POIP	The second secon

		Optometrist:- Mr. Ritesh Sutnase
Impression:	WINCE	

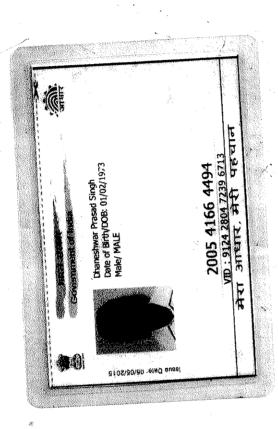
**Apollo Health and Lifestyle Limited** 

(CIN - U85110TG2000PLC115819)

Regd. Office: 1-10-60/62, Ashoka Raghupathi Chambers, 5th Floor, Begumpet, Hyderabad, Telangana - 500 016. Ph No: 040-4904 7777, Fax No: 4904 7744 | Email ID: enquiry@apollohl.com | www.apollohl.com

TO BOOK AN APPOINTMENT

**1860 500 7788** 



S TO STATE OF THE PROPERTY OF



PATIENT NAME:-MR. DHANESHWAR PRASAD SINGH

AGE :-51YRS/M

DATE: 18.03.2024

REFERRED BY

:- ARCOFEMI

**UHID** 

:-141317

# 2D ECHO CARDIOGRAPHY & COLOR DOPPLER REPORT

Mitral Valve

: Normal.

Aortic Valve

: Normal.

Tricuspid Valve

: Normal.

Pulmonary Valve

: Normal.

### RWMA: Absent.

RA : Normal
RV : Normal
IVS : Intact
IAS : Intact
Pericardial effusion : No
IVC : Normal.

AO - 24 mm, LA - 25 mm, LVIDd - 47 mm, LVISd - 27 mm, IVS - 10 mm, PW - 10 mm.

## CONCLUSION:

- Normal size cardlac chambers.
- No RWMA.
- Good LV function LVEF-60%.
- No AR/MR/TR No PAH.
- No e/o clot, thrombus, vegetation or pericardial effusion.

Apollo Clinic - Aundh Dr. Satyalo - Suryawanshi DNB - Siologyl M - Siologyl M - Siologyl Reg. Wo 2005/05/2798

DR.SATYAJEET SURYAWANSHI (CONSULTANT CARDIOLOGIST)

P/S: Normal echo does not rule out coronary artery disease.

**Apollo Health and Lifestyle Limited** 

(CIN-U85110TG2000PLC115819)

Regd. Office: 1-10-60/62, Ashoka Raghupathi Chambers, 5th Floor, Begumpet, Hyderabad, Telangana - 500 016. Ph No: 040-4904 7777, Fax No: 4904 7744 | Email ID: enquiry@apollohl.com | www.apollohl.com

APOLLO CLINICS NETWORK MAHARASHTRA

Pune (Aundh | Kharadi | Nigdi Pradhikaran | Viman Nagar | Wanowrie)

Online appointments: www.apolloclinic.com

TO BOOK AN APPOINTMENT



II)ate	Pulse (Beats/min)	Resp (Rate/min)	Temp (F)	Height (cms)	Weight	Percentage	Fat Level	Body Age (Years)	BMI	Circum	Hip (cms)	(cms)	Waist & Hip Ratio	User
18-03-2024 12:06	-	 22 Rate/min	97 F	174 cms	71 Kgs	%	%	Years	23.45	87 cms	92 cms	cms		AHLL09262

Name: Mr. Dhaneshwar Prasad Singh

Age/Gender: 51 Y/M Address: PUNE

Location: PUNE, MAHARASHTRA

Doctor:

Department: GENERAL

Rate Plan: AUNDH\_06042023

Sponsor: ARCOFEMI HEALTHCARE LIMITED

Consulting Doctor: Dr. PRADNYA NIKAM

### **Doctor's Signature**

MR No: CAUN.0000141317 Visit ID: CAUNOPV168232 Visit Date: 18-03-2024 09:09

Discharge Date:

Referred By: SELF

II)ate	Pulse (Beats/min)	Resp (Rate/min)	Temp (F)	Height (cms)	Weight	Percentage	Fat Level	Body Age (Years)	BMI	Circum	Hip (cms)	(cms)	Waist & Hip Ratio	User
18-03-2024 12:06	-	 22 Rate/min	97 F	174 cms	71 Kgs	%	%	Years	23.45	87 cms	92 cms	cms		AHLL09262

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18-03-2024 12:06	-	 22 Rate/min	97 F	174 cms	71 Kgs	%	%	Years	23.45	87 cms	92 cms	cms		AHLL09262

Name: Mr. Dhaneshwar Prasad Singh

Age/Gender: 51 Y/M Address: PUNE

Location: PUNE, MAHARASHTRA

Doctor:

Department: GENERAL

Rate Plan: AUNDH\_06042023

Sponsor: ARCOFEMI HEALTHCARE LIMITED

Consulting Doctor: Dr. ARPITA KRISHNA

### **Doctor's Signature**

MR No: CAUN.0000141317 Visit ID: CAUNOPV168232 Visit Date: 18-03-2024 09:09

Discharge Date:

Referred By: SELF

Name: Mr. Dhaneshwar Prasad Singh Age/Gender: 51 Y/M Address: PUNE Location:

Doctor:

Department: GENERAL
Rate Plan: AUNDH\_06042023
Spansor: APCOFFMI HEALT

ARCOFEMI HEALTHCARE LIMITED Sponsor:

Consulting Doctor: Dr. RUCHIKA SRIVASTAVA

### HT-CHIEF COMPLAINTS AND PRESENT KNOWN ILLNESS

SYSTEMIC REVIEW

**HT-HISTORY** 

PHYSICAL EXAMINATION

SYSTEMIC EXAMINATION

**IMPRESSION** 

RECOMMENDATION

**Doctor's Signature** 

MR No: CAUN.0000141317 Visit ID: CAUNOPV168232 Visit Date:

18-03-2024 09:09

Discharge Date:

Referred By:

SELF

Mr. Dhaneshwar Prasad Singh Age/Gender: 51 Y/M Address: PUNE Location:

Doctor:

Department: GENERAL
Rate Plan: AUNDH\_06042023

ARCOFEMI HEALTHCARE LIMITED Sponsor:

Consulting Doctor: Dr. VIDYA DESHPANDE

### HT-CHIEF COMPLAINTS AND PRESENT KNOWN ILLNESS

SYSTEMIC REVIEW

**HT-HISTORY** 

PHYSICAL EXAMINATION

SYSTEMIC EXAMINATION

**IMPRESSION** 

RECOMMENDATION

**Doctor's Signature** 

MR No: CAUN.0000141317 CAUNOPV168232 Visit ID: Visit Date: 18-03-2024 09:09

Discharge Date:

Referred By: SELF



Patient Name	: Mr. Dhaneshwar Prasad Singh	Age/Gender	: 51 Y/M
UHID/MR No.	: CAUN.0000141317	OP Visit No	: CAUNOPV168232
Sample Collected on	:	Reported on	: 19-03-2024 14:58
LRN#	: RAD2271311	Specimen	:
Ref Doctor	: SELF		
Emp/Auth/TPA ID	: 399523		

#### DEPARTMENT OF RADIOLOGY

#### **ULTRASOUND - WHOLE ABDOMEN**

<u>Liver</u> appears normal in size and echotexture. No focal lesion is seen.

PV and CBD are normal.

No dilatation of the intrahepatic billiary radicals.

<u>Gall bladder</u> is well distended. No evidence of calculus. Wall thickness appears normal. No evidence of peri-GB collection. No evidence of focal lesion is seen.

<u>Pancreas</u> appears normal in echopattern. No focal/mass lesion/calcification. No evidence of peripancreatic free fluid or collection. Pancreatic duct appears normal.

<u>Spleen</u> appears mildly enlaregd (14.2cm) in size and shape. No focal lesion seen. Spleenic vein appears normal.

**Right Kidney is -** 9.5 x 4.4 cm. **Left Kidney is -** 9.2 x 4.3 cm.

Both Kidneys are normal in size and echotexture.

The cortico medullary differentiation is maintained bilaterally.

No evidence of calculus / hydronephrosis seen on either side.

<u>Urinary bladder</u> is normal. No evidence of filling defect or mass effect. The wall thickness is normal.

**Prostate** is normal in size and echotexture. No evidence of calcification seen.

No obvious free fluid or lymphadenopathy is noted in the abdomen.

# **IMPRESSION:**

• Mild splenomegaly.



Patient Name : Mr. Dhaneshwar Prasad Singh Age/Gender

: 51 Y/M

• No other significant abnormality seen.

Suggest – clinical correlation.

(The sonography findings should always be considered in correlation with the clinical and other investigation finding where applicable.) It is only a professional opinion, not valid for medico legal purpose.

Dr. SUHAS SANJEEV KATHURIA

Dr. SUHAS SANJEEV KATHURIA MBBS,DMRE, RADIOLOGY

Radiology



Patient Name : Mr. Dhaneshwar Prasad Singh Age/Gender : 51 Y/M

**UHID/MR No.** : CAUN.0000141317 **OP Visit No** : CAUNOPV168232

Sample Collected on : Reported on : 18-03-2024 12:50

LRN# : RAD2271311 Specimen : Ref Doctor : SELF

Emp/Auth/TPA ID : 399523

### DEPARTMENT OF RADIOLOGY

### X-RAY CHEST PA

No evidence of any focal lesion.

Trachea is central in position.

Costophrenic angles are clear.

Cardio thoracic ratio is normal.

Cardiac silhouette is well maintained.

Mediastinal and hilar regions are normal.

Both diaphragmatic domes are well visualized and normal.

Visualized skeleton and soft tissues around thoracic cage appear normal.

**COMMENT**: No significant abnormality seen.

Please correlate clinically.

Scathura

**Dr. SUHAS SANJEEV KATHURIA**MBBS,DMRE, RADIOLOGY

Radiology







: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

Emp/Auth/TPA ID

: Dr.SELF : 399523 Collected

: 18/Mar/2024 09:37AM

Received

: 18/Mar/2024 01:41PM

Reported

: 18/Mar/2024 02:50PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### DEDADTMENT OF LIVEWATOR OGA

### PERIPHERAL SMEAR, WHOLE BLOOD EDTA

RBC's Anisocytosis+, Macrocytes+, WBC's Mild Leucopenia Platelets Moderate Thrombocytopenia No hemoparasite seen.

Page 1 of 19



Dr Sneha Shah MBBS, MD (Pathology) Consultant Pathologist

SIN No:BED240073008







: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

Emp/Auth/TPA ID

: Dr.SELF : 399523

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LF

Collected : 18/Mar/2024 09:37AM

Received : 18/Mar/2024 01:41PM

Reported : 18/Mar/2024 02:50PM

Status : Final Report

Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF HAEMATOLOGY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
HEMOGRAM, WHOLE BLOOD EDTA				
HAEMOGLOBIN	14.2	g/dL	13-17	Spectrophotometer
PCV	42.20	%	40-50	Electronic pulse & Calculation
RBC COUNT	4	Million/cu.mm	4.5-5.5	Electrical Impedence
MCV	105.6	fL	83-101	Calculated
MCH	35.5	pg	27-32	Calculated
MCHC	33.6	g/dL	31.5-34.5	Calculated
R.D.W	15.6	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	3,680	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT (I	DLC)			
NEUTROPHILS	69.5	%	40-80	Electrical Impedance
LYMPHOCYTES	22.5	%	20-40	Electrical Impedance
EOSINOPHILS	1.3	%	1-6	Electrical Impedance
MONOCYTES	6.6	%	2-10	Electrical Impedance
BASOPHILS	0.1	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	2557.6	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	828	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	47.84	Cells/cu.mm	20-500	Calculated
MONOCYTES	242.88	Cells/cu.mm	200-1000	Calculated
BASOPHILS	3.68	Cells/cu.mm	0-100	Calculated
Neutrophil lymphocyte ratio (NLR)	3.09		0.78- 3.53	Calculated
PLATELET COUNT	74000	cells/cu.mm	150000-410000	Electrical impedence
ERYTHROCYTE SEDIMENTATION RATE (ESR)	2	mm at the end of 1 hour	0-15	Modified Westergren
PERIPHERAL SMEAR				

RBC's Anisocytosis+, Macrocytes+,

WBC's Mild Leucopenia

Page 2 of 19



Dr Sneha Shah MBBS, MD (Pathology) Consultant Pathologist

SIN No:BED240073008









: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

Emp/Auth/TPA ID

: Dr.SELF : 399523 Collected

: 18/Mar/2024 09:37AM

Received

: 18/Mar/2024 01:41PM

Reported

: 18/Mar/2024 02:50PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF HAEMATOLOGY**

ARCOFEMI - MEDIWHEEL - FULL BODY PLUS ANNUAL CHECK ADVANCED HC MALE - 2D ECHO - PAN INDIA - FY2324 Platelets Moderate Thrombocytopenia

No hemoparasite seen.

Page 3 of 19



Dr Sneha Shah MBBS, MD (Pathology) Consultant Pathologist

SIN No:BED240073008









: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID

: CAUNOPV168232

Ref Doctor

: Dr.SELF

Emp/Auth/TPA ID

: 399523

Collected

: 18/Mar/2024 09:37AM

Received

: 18/Mar/2024 01:41PM

Reported

: 18/Mar/2024 05:33PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF HAEMATOLOGY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
BLOOD GROUP ABO AND RH FAC	TOR , WHOLE BLOOD EDT	A	*	
BLOOD GROUP TYPE	0			Microplate Hemagglutination
Rh TYPE	Positive			Microplate Hemagglutination

Page 4 of 19



Dr Sneha Shah MBBS MD (Pathology) Consultant Pathologist

SIN No:BED240073008







: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

Emp/Auth/TPA ID

: Dr.SELF : 399523

: Dr.SELF

Collected : 18/Mar/2024 09:37AM

Received : 18/Mar/2024 01:41PM

Reported : 18/Mar/2024 04:11PM

Status : Final Report
Sponsor Name : ARCOFEMI I

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING , NAF PLASMA	125	mg/dL	70-100	HEXOKINASE

#### **Comment:**

As per American Diabetes Guidelines, 2023

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)	126	mg/dL	70-140	HEXOKINASE	

### **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.

Test Name	Result	Unit	Bio. Ref. Range	e Method	
HBA1C (GLYCATED HEMOGLOBIN) , WH	OLE BLOOD EDTA				
HBA1C, GLYCATED HEMOGLOBIN	5.8	%		HPLC	
ESTIMATED AVERAGE GLUCOSE (eAG)	120	mg/dL		Calculated	

Page 5 of 19



DR.Sanjay Ingle M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:EDT240033516

This test has been performed at Apollo Health and Lifestyle ltd- Sadashiv Peth Pune, Diagnostics Lab



Centriole, Plot #90, Survey #129, 130/1+2, ITI Road







: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

Emp/Auth/TPA ID

: Dr.SELF : 399523

Sponsor Name

Collected : 18/Mar/2024 09:37AM

Received : 18/Mar/2024 01:41PM

Reported : 18/Mar/2024 04:11PM

Status : Final Report

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

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

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 19



DR.Sanjay Ingle M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:EDT240033516

This test has been performed at Apollo Health and Lifestyle ltd-Sadashiv Peth Pune, Diagnostics Lab

Centriole, Plot #90, Survey #129, 130/1+2, ITI Road







: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

Emp/Auth/TPA ID

: Dr.SELF : 399523 Collected

: 18/Mar/2024 09:37AM

Received

: 18/Mar/2024 02:03PM

Reported

: 18/Mar/2024 02:52PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID PROFILE , SERUM				
TOTAL CHOLESTEROL	166	mg/dL	<200	CHO-POD
TRIGLYCERIDES	363	mg/dL	<150	GPO-POD
HDL CHOLESTEROL	40	mg/dL	40-60	Enzymatic Immunoinhibition
NON-HDL CHOLESTEROL	126	mg/dL	<130	Calculated
LDL CHOLESTEROL	53.05	mg/dL	<100	Calculated
VLDL CHOLESTEROL	72.69	mg/dL	<30	Calculated
CHOL / HDL RATIO	4.14		0-4.97	Calculated
ATHEROGENIC INDEX (AIP)	0.60		<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.

Page 7 of 19

DR.Sanjay Ingle M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:SE04666060







: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

Emp/Auth/TPA ID

: Dr.SELF : 399523

Collected

: 18/Mar/2024 09:37AM

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: 18/Mar/2024 02:52PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

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

- 3) Primary prevention algorithm now includes absolute risk estimation and lower LDL Cholesterol target levels to determine 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).

Page 8 of 19

DR.Saniay Ingle M.B.B.S.M.D(Pathology) Consultant Pathologist

SIN No:SE04666060

This test has been performed at Apollo Health and Lifestyle ltd-Sadashiv Peth Pune, Diagnostics Lab

Centriole, Plot #90, Survey #129, 130/1+2, ITI Road







: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID

: CAUNOPV168232

Ref Doctor

: Dr.SELF

Emp/Auth/TPA ID : 399523

Collected : 18/Mar/2024 09:37AM

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Status

: Final Report

Sponsor Name : ARCOF

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
LIVER FUNCTION TEST (LFT) , SERUM			-	
BILIRUBIN, TOTAL	0.99	mg/dL	0.3-1.2	DPD
BILIRUBIN CONJUGATED (DIRECT)	0.15	mg/dL	<0.2	DPD
BILIRUBIN (INDIRECT)	0.84	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	44.49	U/L	<50	IFCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	30.6	U/L	<50	IFCC
ALKALINE PHOSPHATASE	73.99	U/L	30-120	IFCC
PROTEIN, TOTAL	7.05	g/dL	6.6-8.3	Biuret
ALBUMIN	4.53	g/dL	3.5-5.2	BROMO CRESOL GREEN
GLOBULIN	2.52	g/dL	2.0-3.5	Calculated
A/G RATIO	1.8		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:

- $\bullet$  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.

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DR.Sanjay Ingle M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:SE04666060









: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

Emp/Auth/TPA ID

: 399523

: Dr.SELF

Collected

: 18/Mar/2024 09:37AM : 18/Mar/2024 02:03PM

Received Reported

: 18/Mar/2024 02:52PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
RENAL PROFILE/KIDNEY FUNCTION	TEST (RFT/KFT), SEF	RUM	7	
CREATININE	0.60	mg/dL	0.72 – 1.18	Modified Jaffe, Kinetic
UREA	15.42	mg/dL	17-43	GLDH, Kinetic Assay
BLOOD UREA NITROGEN	7.2	mg/dL	8.0 - 23.0	Calculated
URIC ACID	6.39	mg/dL	3.5–7.2	Uricase PAP
CALCIUM	8.61	mg/dL	8.8-10.6	Arsenazo III
PHOSPHORUS, INORGANIC	2.46	mg/dL	2.5-4.5	Phosphomolybdate Complex
SODIUM	140.27	mmol/L	136–146	ISE (Indirect)
POTASSIUM	3.8	mmol/L	3.5–5.1	ISE (Indirect)
CHLORIDE	105.79	mmol/L	101–109	ISE (Indirect)
PROTEIN, TOTAL	7.05	g/dL	6.6-8.3	Biuret
ALBUMIN	4.53	g/dL	3.5-5.2	BROMO CRESOL GREEN
GLOBULIN	2.52	g/dL	2.0-3.5	Calculated
A/G RATIO	1.8		0.9-2.0	Calculated

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DR.Sanjay Ingle M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:SE04666060









: Mr.DHANESHWAR PRASAD SINGH

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#### **DEPARTMENT OF BIOCHEMISTRY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
ALKALINE PHOSPHATASE, SERUM	73.99	U/L	30-120	IFCC

Test Name	Result	Unit	Bio. Ref. Range	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM	35.99	U/L	<55	IFCC

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DR.Sanjay Ingle M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:SE04666060









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Received

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Reported

: 18/Mar/2024 03:51PM

Status Sponsor Name : Final Report

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#### **DEPARTMENT OF IMMUNOLOGY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
THYROID PROFILE TOTAL (T3, T4, TSH)	, SERUM	<u>'</u>		·
TRI-IODOTHYRONINE (T3, TOTAL)	1.08	ng/mL	0.7-2.04	CLIA
THYROXINE (T4, TOTAL)	17.18	μg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	1.7180	μIU/mL	0.34-5.60	CLIA

#### **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

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Dr Sneha Shah MBBS, MD (Pathology) Consultant Pathologist

SIN No:SPL24049044









: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

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UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

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Received

: 18/Mar/2024 02:55PM

Reported

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Status Sponsor Name : Final Report

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#### **DEPARTMENT OF IMMUNOLOGY**

ARCOFEMI - MEDIWHEEL - FULL BODY PLUS ANNUAL CHECK ADVANCED HC MALE - 2D ECHO - PAN INDIA - FY2324

Dr Sneha Shah MBBS, MD (Pathology) Consultant Pathologist

SIN No:SPL24049044

This test has been performed at Apollo Health and Lifestyle ltd- Sadashiv Peth Pune, Diagnostics Lab



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: Mr.DHANESHWAR PRASAD SINGH

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Collected : 18/Mar/2024 09:37AM

Received

: 18/Mar/2024 02:55PM

Reported

Sponsor Name

: 18/Mar/2024 04:00PM

Status :

: Final Report

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#### **DEPARTMENT OF IMMUNOLOGY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
VITAMIN D (25 - OH VITAMIN D),	6.24	ng/mL		CLIA
SERUM				

#### **Comment:**

#### BIOLOGICAL REFERENCE RANGES

DIOLOGICAL REFERENCE	KANGES	
VITAMIN D STATUS	VITAMIN D 25 HYDROXY (ng/mL)	
DEFICIENCY	<10	
INSUFFICIENCY	10 - 30	
SUFFICIENCY	30 – 100	
TOXICITY	>100	

The biological function of Vitamin D is to maintain normal levels of calcium and phosphorus absorption. 25-Hydroxy vitamin D is the storage form of vitamin D. Vitamin D assists in maintaining bone health by facilitating calcium absorption. Vitamin D deficiency can also cause osteomalacia, which frequently affects elderly patients.

Vitamin D Total levels are composed of two components namely 25-Hydroxy Vitamin D2 and 25-Hydroxy Vitamin D3 both of which are converted into active forms. Vitamin D2 level corresponds with the exogenous dietary intake of Vitamin D rich foods as well as supplements. Vitamin D3 level corresponds with endogenous production as well as exogenous diet and supplements.

Vitamin D from sunshine on the skin or from dietary intake is converted predominantly by the liver into 25-hydroxy vitamin D, which has a long half-life and is stored in the adipose tissue. The metabolically active form of vitamin D, 1,25-di-hydroxy vitamin D, which has a short life, is then synthesized in the kidney as needed from circulating 25-hydroxy vitamin D. The reference interval of greater than 30 ng/mL is a target value established by the Endocrine Society.

### **Decreased Levels:**

Inadequate exposure to sunlight.

Dietary deficiency.

Vitamin D malabsorption.

Severe Hepatocellular disease.

Drugs like Anticonvulsants.

Nephrotic syndrome.

#### **Increased levels:**

Vitamin D intoxication.

Test Name	Result	Unit	Bio. Ref. Range	Method
VITAMIN B12, SERUM	<80	pg/mL	120-914	CLIA

### **Comment:**

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Dr Sneha Shah MBBS, MD (Pathology) Consultant Pathologist

SIN No:SPL24049044









Patient Name : Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

: Dr.SELF Emp/Auth/TPA ID : 399523

Collected Received

: 18/Mar/2024 09:37AM

: 18/Mar/2024 02:55PM

Reported

: 18/Mar/2024 04:00PM

Status

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### **DEPARTMENT OF IMMUNOLOGY**

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

- Vitamin B12 deficiency frequently causes macrocytic anemia, glossitis, peripheral neuropathy, weakness, hyperreflexia, ataxia, loss of proprioception, poor coordination, and affective behavioral changes.
- The most common cause of deficiency is malabsorption either due to atrophy of gastric mucosa or diseases of terminal ileum. Patients taking vitamin B12 supplementation may have misleading results.
- A normal serum concentration of B12 does not rule out tissue deficiency of vitamin B12.
- The most sensitive test for B12 deficiency at the cellular level is the assay for MMA. If clinical symptoms suggest deficiency, measurement of MMA and homocysteine should be considered, even if serum B12 concentrations are normal.
- Increased levels can be seen in Chronic renal failure, Congestive heart failure, Leukemias, Polycythemia vera, Liver disease etc.

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Dr Sneha Shah MBBS, MD (Pathology) Consultant Pathologist

SIN No:SPL24049044







: Mr.DHANESHWAR PRASAD SINGH

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Received

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Reported

: 18/Mar/2024 03:48PM

Status

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#### **DEPARTMENT OF IMMUNOLOGY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
TOTAL PROSTATIC SPECIFIC ANTIGEN (tPSA), SERUM	0.430	ng/mL	0-4	CLIA

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DR.Sanjay Ingle M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:SPL24049044

This test has been performed at Apollo Health and Lifestyle ltd- Sadashiv Peth Pune, Diagnostics Lab

Centriole, Plot #90, Survey #129, 130/1+2, ITI Road, Aundh, Pune, Maharashtra, India - 411007







: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

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Visit ID Ref Doctor : CAUNOPV168232

Emp/Auth/TPA ID

: Dr.SELF : 399523 Collected

: 18/Mar/2024 09:37AM

Received

: 18/Mar/2024 01:51PM

Reported

: 18/Mar/2024 02:35PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF CLINICAL PATHOLOGY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
COMPLETE URINE EXAMINATION (	CUE) , URINE			<u>'</u>
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Visual
рН	<5.5		5-7.5	DOUBLE INDICATOR
SP. GRAVITY	1.010		1.002-1.030	Bromothymol Blue
<b>BIOCHEMICAL EXAMINATION</b>				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NEGATIVE		NEGATIVE	GLUCOSE OXIDASE
URINE BILIRUBIN	NEGATIVE		NEGATIVE	AZO COUPLING REACTION
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	SODIUM NITRO PRUSSIDE
UROBILINOGEN	NORMAL		NORMAL	MODIFED EHRLICH REACTION
BLOOD	NEGATIVE		NEGATIVE	Peroxidase
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	LEUCOCYTE ESTERASE
CENTRIFUGED SEDIMENT WET M	IOUNT AND MICROSCOPY	1		
PUS CELLS	3 - 4	/hpf	0-5	Microscopy
EPITHELIAL CELLS	2 - 3	/hpf	<10	MICROSCOPY
RBC	NIL	/hpf	0-2	MICROSCOPY
CASTS	NIL		0-2 Hyaline Cast	MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY

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Dr Sneha Shah MBBS, MD (Pathology) Consultant Pathologist

SIN No:UR2308754

This test has been performed at Apollo Health and Lifestyle ltd- Sadashiv Peth Pune, Diagnostics Lab

Centriole, Plot #90, Survey #129, 130/1+2, ITI Road, Aundh, Pune, Maharashtra, India - 411007







: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

: 51 Y 1 M 17 D/M

UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

Emp/Auth/TPA ID

: Dr.SELF : 399523

Collected Received

: 18/Mar/2024 01:26PM

: 18/Mar/2024 03:32PM

Reported

: 18/Mar/2024 04:01PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF CLINICAL PATHOLOGY**

ARCOFEMI - MEDIWHEEL - FULL BODY PLUS ANNUAL CHECK ADVANCED HC MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
URINE GLUCOSE(POST PRANDIAL)	NEGATIVE		NEGATIVE	Dipstick

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Dr Sneha Shah MBBS, MD (Pathology) Consultant Pathologist

SIN No:UPP017167







: Mr.DHANESHWAR PRASAD SINGH

Age/Gender

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UHID/MR No

: CAUN.0000141317

Visit ID Ref Doctor : CAUNOPV168232

Kei Doctoi

: Dr.SELF

Emp/Auth/TPA ID : 399523

Collected : 18/Mar/2024 09:37AM

Received

: 18/Mar/2024 01:50PM

Reported

: 18/Mar/2024 02:31PM

Status

: Final Report

Sponsor Name :

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF CLINICAL PATHOLOGY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
URINE GLUCOSE(FASTING)	NEGATIVE		NEGATIVE	Dipstick

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

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DR.Sanjay Ingle M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:UF011217