

CERTIFICATE OF MEDICAL FITNESS

This is to certify that I have conducted the clinical examination

of Mr HARSH JAA on 02/11/2023

After reviewing the medical history and on clinical examination it has been found that he/she is

	Tick
<ul style="list-style-type: none"> • Medically Fit 	✓
<ul style="list-style-type: none"> • Fit with restrictions/recommendations <p>Though following restrictions have been revealed, in my opinion, these are not impediments to the job.</p> <p>1.....</p> <p>2.....</p> <p>3.....</p> <p>However the employee should follow the advice/medication that has been communicated to him/her.</p> <p>Review after _____</p>	
<ul style="list-style-type: none"> • Currently Unfit. <p>Review after _____ recommended</p>	
<ul style="list-style-type: none"> • Unfit 	

Dr. OB Nmedy
 Medical Officer
 The Apollo Clinic, Mysore.
 # 23, 1st Floor,
 Koramangala, Mysore - 02
 Ph : 0821-4006040/41

This certificate is not meant for medico-legal purposes

Date : 02-11-2023
MR NO : CMYS.0000058393

Department : GENERAL
Doctor : Dr. Umesh HJ

Name : Mr. HARSH JHA

Registration No : 67084
Qualification : MBBS - MD

Age/ Gender : 20 Y / Male

Consultation Timing: 08:29

Height : 173	Weight : 90.7	BMI :	Waist Circum :
Temp :	Pulse : 78	Resp : 22	B.P : 110/70

General Examination /
Allergies History

Clinical Diagnosis & Management Plan

Creat 1.6
BUN 10.8
AST 172
ALT 82

CO4
2 RT
RFT

CVS
RS
P/A

Head
F Bentamuc plus - 20
010
F - (Vuk) 500 010 20
since
Plenty of oral liquid
RIA 2 WU

Follow up date :

Doctor Signature
Apollo Clinic
23, 1st Floor,
Kalidasa Road, Mysore - 02
Ph : 0821-4006040/41

Date : 02-11-2023
MR NO : CMYS.0000058393

Department : GENERAL
Doctor :

Name : Mr. HARSH JHA
Age/ Gender : 20 Y / Male

Registration No : Dr. Praveen Kumar
Qualification : M.S (ENT)

Consultation Timing: 08:29

Height : 173	Weight : 90.7	BMI :	Waist Circum :
Temp :	Pulse :	Resp :	B.P : 110 / 70

General Examination /
Allergies History

Clinical Diagnosis & Management Plan

Come for under breath check

Ear - Bilateral TM - normal


Nose - nasal mucosa @

oral cavity in oropharynx @

neck @

Ad
-breast

Follow up date :


Doctor Signature
Apollo Clinic
23, 1st Floor,
Kalidasa Road, Mysore - 02
Ph : 0821-4006040/41

Date : 02-11-2023
 MR NO : CMYS.0000058393

Department : GENERAL Dietetics
 Doctor : Macharya .B.P

Name : Mr. HARSH JHA
 Age/ Gender : 20 Y / Male

Registration No :
 Qualification : M.Sc Nutrition & Dietetics
 PHD*

Consultation Timing: 08:29

IBW - 70

Height : 173	Weight : 90.7	BMI : 30 kg/m ²	Waist Circum :
Temp :	Pulse :	Resp :	B.P : 110/70

General Examination /
 Allergies History

PPBS - 142
 ALT (SGPT) - 171
 AST (SGOT) - 82.0
 creatinine - 1.60
 uric acid - 9.00

Clinical Diagnosis & Management Plan

- > * Adviseed low calorie diet fiber rich foods.
- > * Avoid sugary drinks, corn syrups, organ meats like liver, sweet breads, brains, kidney, veal meat, certain seafoods like herring, scallops, tuna, trout, mussels. (for uric acid).
- > cooking oil - 1/2 liter (person lunch). use combination of oil like rice bran oil, groundnut oil, Mustard oil, Gingeli oil, coconut oil & Ahac. But donot mix the oils.
- > Avoid bakery products, chate, junk food, deep fried foods, packed & processed foods completely.
- > Drink 12-14 big glasses of water (day).

Follow up date :

Doctor Signature

(Signature) B.P
 21/11/2022

Apollo Clinic
 # 23, 1st Floor,
 Kalidasa Road, Mysore - 02
 Ph : 0821-4006040/41

Date : 02-11-2023
MR NO : CMYS.0000058393

Department : GENERAL Dental
Doctor : Dr. Jyothishree

Name : Mr. HARSH JHA

Registration No :

Qualification :

Age/ Gender : 20 Y / Male

Consultation Timing: 08:29

Height : 173	Weight : 90.7	BMI :	Waist Circum :
Temp :	Pulse :	Resp :	B.P : 110/70

General Examination /
Allergies History

Clinical Diagnosis & Management Plan

O/E

Catt, stt

Adv:- oral prophylaxis

Follow up date :

Jyothishree
Doctor Signature

Apollo Clinic
23, 1st Floor,
Kalidasa Road, Mysore - 02
Ph : 0821-4006040/41

Date : 02-11-2023
MR NO : CMYS.0000058393
Name : Mr. HARSH JHA
Age/ Gender : 20 Y / Male

Department : GENERAL
Doctor :
Registration No :
Qualification :

Consultation Timing: 08:29

Height : 173.	Weight : 90.7	BMI :	Waist Circum :
Temp :	Pulse :	Resp :	B.P : 110/70

General Examination /
Allergies History

Clinical Diagnosis & Management Plan

Distance v n.

Right eye

Left eye

S/G

S/G

N uet v n.

N/G

N/G

Colour v n.

normal

normal



Follow up date :

Doctor Signature
Apollo Clinic
23, 1st Floor,
Kalidasa Road, Mysore - 07
Ph : 0821-4006040/41

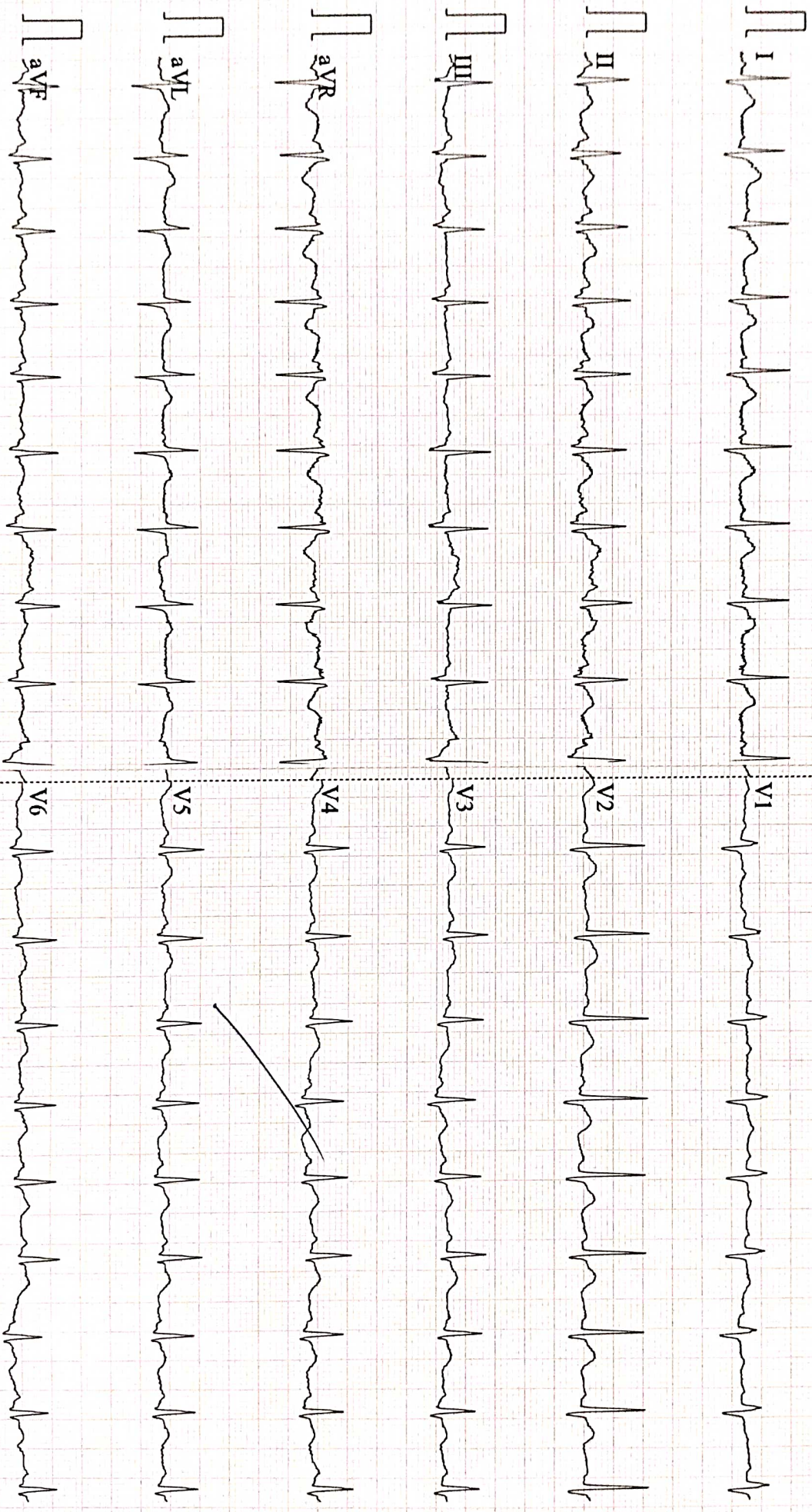
ID: 58393
MR HARSH JHA
Male 20Years
173cm 90kg 110/70 mmHg

02-11-2023 10:38:56 AM

Diagnosis Information:

Unconfirmed Report.

Apollo Clinic
23, 1st Floor,
Kalidasa Road, Mysore - 02
Ph : 0821-4006040/41



0.5-45Hz AC50 25mm/s 10mm/mV 2*5.0s 111 CARDIART

3 D V1.43 Glasgow V28.6.0 APOLLO CLINIC MYSURU

Patient Name : Mr. HARSH JHA
UHID : CMYS.0000058393
Reported on : 02-11-2023 17:19
Adm/Consult Doctor :

Age : 20 Y M
OP Visit No : CMYSOPV118906
Printed on : 02-11-2023 17:19
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 .

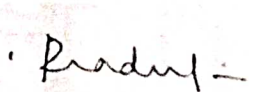
Both diaphragms are normal in position and contour .

Thoracic wall and soft tissues appear normal.

IMPRESSION :NORMAL STUDY.

Printed on:02-11-2023 17:19

---End of the Report---


Dr. PRADEEP KUMAR C N
MBBS DNB(RADIOLOGY)
Radiology

Apollo Health and Lifestyle Limited

REGD. OFFICE: UBS110TG2900PLC115R1Y
REGD. OFFICE: 1-10-63-62, 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 KARNATAKA
Bangalore | Sasaveranagudi | Bellandur | Electronic City | Fraser Town | MSR Layout | Indira Nagar | JP Nagar | Kundalahalli |
Koramangala | Marjapur Road | Mysore (VV Mohalla)

Online appointments: www.apolloclinic.com

TO BOOK AN APPOINTMENT

 **1860 500 7788**

Patient Name: Mr.Harsha Jha	Date:02.11.2023	Doctor:Dr. Self
Age / Sex : 20yrs /Male	UHID No : 58393	OP:
ULTRASONOGRAPHY – ABDOMEN & PELVIS		

LIVER: It is normal in size, outline and echotexture. No focal lesions seen. IHBR are not dilated. CBD and Portal vein are normal.

GALL BLADDER: It is well distended and normal. No e/o calculi.

SPLEEN: It is normal in size, outline and echopattern. No e/o focal lesions.

PANCREAS: It is normal in size, outline and echopattern.

RIGHT KIDNEY: It Measures 102x46 mm with parenchymal thickness of 13 mm. It is normal in size, outline and echotexture. No e/o calculus or hydronephrosis seen.

LEFT KIDNEY: It measures 85x44mm with parenchymal thickness of 13 mm. It is normal in size, outline and echotexture. No e/o calculus or hydronephrosis seen.

URINARY BLADDER: It is well distended. The UB wall is normal. No e/o calculi.

PROSTATE: It measures 25x30x31 mm with a volume of 12 cc. It is normal in size, outline and echotexture. The vascularity of prostate is normal.

RIF: No evidence of focal collection or mass lesion seen. Appendix is not visualized.

OTHERS: No e/o free fluid in the abdomen. No e/o lymphadenopathy. No e/o gut wall thickening. No mass lesion seen in the abdomen.

IMPRESSION: NORMAL STUDY.

Pradeep
Dr. Pradeep Kumar C N, DNB
Consultant Radiologist.

Apollo Health and Lifestyle Limited

CIN: U65110TG2900PLC115819

Regd. Office: 110, 10/2, Ashoka Raghupathi Chambers, 5th Floor, Begumpet, Hyderabad, Telangana - 500 016
Ph. No: 040 4904 7777 Fax No: 4904 7744 | Email ID: enquiry@apolloh.com | www.apolloh.com

APOLLO CLINICS NETWORK KARNATAKA

Bangalore: Basavanagudi | Bellandur | Electronic City | Fraser Town | HSR Layout | Indira Nagar | JP Nagar | Kundalahalli | Koramangala | Sarjapur Road | Mysore: (VV Mohalla)

Online appointments: www.apolloclinic.com

TO BOOK AN APPOINTMENT

1860 500 7788

Patient's Name : Mr. Harsh Jha	Age & Sex; 20Yrs /Male
Date : 02.11.2023	UHID No: 58393

2D ECHOCARDIOGRAPHY STUDY

Impression:

- Normal chambers and valves
- No regional wall motion abnormality
- Normal left ventricular systolic function. EF 60 %
- No clots. No pericardial effusion

Findings

Left Ventricle:	No RWMA
Right Ventricle	Normal
Left Atrium	Normal
Right Atrium	Normal
Aorta	Normal
Pulmonary Artery	Normal
IAS	Intact
IVS	Intact
Valves	Normal
Pericardium	Normal
Doppler	Normal

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 | E-mail ID: enquiry@apollohl.com | www.apollohl.com

APOLLO CLINICS NETWORK KARNATAKA

Bangalore (Basavanagudi) | Bellandur | Electronic City | Fraser Town | HSR Layout | Indira Nagar | JP Nagar | Kundalahalli |
 Koramangala (Sarjapur Road) | Mysore (VV Mohalla)

Online appointments: www.apolloclinic.com

TO BOOK AN APPOINTMENT

1860 500 7788

Patient's Name : Mr. Harsh Jha	Age & Sex; 20Yrs /Male
Date : 02.11.2023	UHID No: 58393

Measurements

AO : 2.3 cm

LA : 2.1 cm

RV : 2.3 cm

LVIDd 4.63 cm

LVIDs : 3.14 cm

IVSd : 0.73 cm

IVSs : 1.08 cm

PWd : 0.86 cm

PWs : 1.33 cm

EF : 60.0 %

FS : 32.0 %

Doppler

	MV		TV		AV		PV	
E	0.92 m/s	E	---	m/s	V max	1.43 m/s	V max	1.17 m/s

A: 0.44 m/s A --- m/s

MR Nil

TR Nil

AR Nil

PR Nil

Dr. GURU PRASAD. B. V, MBBS, PGDCC
CONSULTANT – NON-INVASIVE CARDIOLOGY

Apollo Health and Lifestyle Limited

10th Floor, Apollo Hospital, 333B/19

Enquiry Office - Apollo, Acharya Nagarajpetty, Chintamani 5th Floor, Bengalpet Hyderabad, Telangana - 500 016

Enquiry Office - Apollo, 1177, East Road, 444 7788 (Email) enquiry@apollos.com www.apollo.com

Apollo Hospitals Network - KARNATAKA

Bangalore - Sarvodaya Road - Benarshi - Electronic City - Frazer Town (HSR Layout) - Indira Nagar - JP Nagar - Kundalahalli - Marathahalli - Sarvapalli Road - Mysore - V. Mahalle

Online appointments - www.apolloclinics.com

TO BOOK AN APPOINTMENT

1860 500 7788

Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:32AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 10:17AM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 01:39PM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

DEPARTMENT OF HAEMATOLOGY

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

PERIPHERAL SMEAR , WHOLE BLOOD EDTA

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SIN No:BED230268223

APOLLO CLINICS NETWORK

Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:32AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 10:17AM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 02:14PM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

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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HEMOGRAM , WHOLE BLOOD EDTA

HAEMOGLOBIN	15.6	g/dL	13-17	Spectrophotometer
PCV	48.80	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.25	Million/cu.mm	4.5-5.5	Electrical Impedence
MCV	93	fL	83-101	Calculated
MCH	29.8	pg	27-32	Calculated
MCHC	32	g/dL	31.5-34.5	Calculated
R.D.W	12.6	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	7,400	cells/cu.mm	4000-10000	Electrical Impedence

DIFFERENTIAL LEUCOCYTIC COUNT (DLC)

NEUTROPHILS	45.1	%	40-80	Electrical Impedence
LYMPHOCYTES	43.4	%	20-40	Electrical Impedence
EOSINOPHILS	5.1	%	1-6	Electrical Impedence
MONOCYTES	5.8	%	2-10	Electrical Impedence
BASOPHILS	0.6	%	<1-2	Electrical Impedence

ABSOLUTE LEUCOCYTE COUNT

NEUTROPHILS	3337.4	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	3211.6	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	377.4	Cells/cu.mm	20-500	Calculated
MONOCYTES	429.2	Cells/cu.mm	200-1000	Calculated
BASOPHILS	44.4	Cells/cu.mm	0-100	Calculated

PLATELET COUNT

PLATELET COUNT	106000	cells/cu.mm	150000-410000	Electrical impedence
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ERYTHROCYTE SEDIMENTATION RATE (ESR)

ERYTHROCYTE SEDIMENTATION RATE (ESR)	06	mm at the end of 1 hour	0-15	Modified Westergren
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PERIPHERAL SMEAR

R.B.C: Majority are normocytic normochromic.
W.B.C: Are normal in number,morphology and increased lymphocytes.
Platelets: Reduced and are seen in singles and few clumps.
Hemoparasites: Not seen.

IMPRESSION: NORMOCYTIC NORMOCHROMIC BLOOD PICTURE WITH LYMPHOCYTOSIS AND

Patient Name	: Mr.HARSH JHA	Collected	: 02/Nov/2023 08:32AM
Age/Gender	: 20 Y 0 M 24 D/M	Received	: 02/Nov/2023 10:17AM
UHID/MR No	: CMYS.0000058393	Reported	: 02/Nov/2023 02:14PM
Visit ID	: CMYSOPV118906	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 370863808117		

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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THROMBOCYTOPENIA.



SIN No:BED230268223

Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:32AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 10:17AM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 01:40PM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

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	O			Forward & Reverse Grouping with Slide/Tube Aggluti
Rh TYPE	POSITIVE			Forward & Reverse Grouping with Slide/Tube Agglutination



SIN No:BED230268223

Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:31AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 10:17AM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 11:17AM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
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GLUCOSE, FASTING , NAF PLASMA	97	mg/dl	74-106	GOD, POD
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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:

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



SIN No:PLF02048882

Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:32AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 12:53PM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 01:38PM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
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GLUCOSE, POST PRANDIAL (PP), 2 HOURS , SODIUM FLUORIDE PLASMA (2 HR)	142	mg/dL	70-140	GOD - POD
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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.

HBA1C, GLYCATED HEMOGLOBIN , WHOLE BLOOD EDTA	4.6	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG) , WHOLE BLOOD EDTA	85	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.

- HbA1C is recommended by American Diabetes Association for Diagnosing Diabetes and monitoring Glycemic Control by American Diabetes Association guidelines 2023.
- Trends in HbA1C values is a better indicator of Glycemic control than a single test.
- 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.
- 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.

Patient Name	: Mr.HARSH JHA	Collected	: 02/Nov/2023 08:32AM
Age/Gender	: 20 Y 0 M 24 D/M	Received	: 02/Nov/2023 12:53PM
UHID/MR No	: CMYS.0000058393	Reported	: 02/Nov/2023 01:38PM
Visit ID	: CMYSOPV118906	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 370863808117		

DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
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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)



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Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 10:17AM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 11:57AM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
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LIPID PROFILE , SERUM				
TOTAL CHOLESTEROL	169	mg/dl	0-200	CHOD
TRIGLYCERIDES	132	mg/dl	0-150	GPO, Trinder
HDL CHOLESTEROL	49	mg/dL	>40	CHE/CHO/POD
NON-HDL CHOLESTEROL	120	mg/dL	<130	Calculated
LDL CHOLESTEROL	93.52	mg/dL	<100	Calculated
VLDL CHOLESTEROL	26.37	mg/dL	<30	Calculated
CHOL / HDL RATIO	3.44		0-4.97	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

- Measurements in the same patient on different days can show physiological and analytical variations.
- NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.
- Primary prevention algorithm now includes absolute risk estimation and lower LDL Cholesterol target levels to determine eligibility of drug therapy.
- 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.
- 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.
- VLDL, LDL Cholesterol Non HDL Cholesterol, CHOL/HDL RATIO, LDL/HDL RATIO are calculated parameters when Triglycerides are below 350mg/dl. When Triglycerides are more than 350 mg/dl LDL cholesterol is a direct measurement.



SIN No:SE04528302

Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:32AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 10:17AM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 05:43PM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

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	0.68	mg/dl	0-1.2	NBD
BILIRUBIN CONJUGATED (DIRECT)	0.18	mg/dl	0-0.2	Diazotized sulfanilic acid
BILIRUBIN (INDIRECT)	0.50	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	171	U/l	0-45	IFCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	82.0	U/l	0-35	IFCC
ALKALINE PHOSPHATASE	105.00	U/l	53-128	IFCC (AMP buffer)
PROTEIN, TOTAL	8.30	g/dl	6.4-8.3	Biuret
ALBUMIN	4.93	g/dl	3.5-5.2	Bromocresol Green
GLOBULIN	3.37	g/dL	2.0-3.5	Calculated
A/G RATIO	1.46		0.9-2.0	Calculated

NOTE : Suggested repeat for confirmation. Kindly provide clinical history.

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 > 1 In Alcoholic Liver Disease AST: ALT usually >2. This ratio is also seen to be increased in NAFLD, Wilson'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.

Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:32AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 10:17AM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 05:43PM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
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• Correlation with PT (Prothrombin Time) helps.



SIN No:SE04528302

Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:32AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 10:17AM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 04:41PM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
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RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , SERUM

CREATININE	1.60	mg/dL	0.66-1.25	Creatinine amidohydrolase
UREA	22.35	mg/dl	13-43	Urease, UV
BLOOD UREA NITROGEN	10.4	mg/dL	8.0 - 23.0	Calculated
URIC ACID	9.00	mg/dL	3.5-8.5	Uricase
CALCIUM	10.47	mg/dl	8.6-10.3	Arsenazo III
PHOSPHORUS, INORGANIC	3.91	mg/dl	2.7-4.5	Molybdate
SODIUM	142	mmol/L	135-145	Direct ISE
POTASSIUM	4.2	mmol/L	3.5-5.1	Direct ISE
CHLORIDE	100	mmol/L	98 - 107	Direct ISE



Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:32AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 10:17AM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 03:25PM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

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	34.00	U/L	15-73	Glycylcysteine Nitoranalide



SIN No:SE04528302

Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:32AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 10:17AM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 01:04PM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

DEPARTMENT OF IMMUNOLOGY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
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THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM

TRI-IODOTHYRONINE (T3, TOTAL)	1.26	ng/mL	0.64-1.52	CMIA
THYROXINE (T4, TOTAL)	6.64	µg/dL	4.87-11.72	CMIA
THYROID STIMULATING HORMONE (TSH)	4.550	µIU/mL	0.35-4.94	CMIA

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	T3	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



SIN No:SPL23155238

Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:32AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 12:21PM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 01:25PM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

DEPARTMENT OF CLINICAL PATHOLOGY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
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COMPLETE URINE EXAMINATION (CUE) , URINE

PHYSICAL EXAMINATION

COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Visual
pH	5.5		5-7.5	Bromothymol Blue
SP. GRAVITY	1.015		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
BLOOD	NEGATIVE		NEGATIVE	Dipstick
NITRITE	NEGATIVE		NEGATIVE	Dipstick
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	PYRROLE HYDROLYSIS

CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY

PUS CELLS	3 - 4	/hpf	0-5	Microscopy
EPITHELIAL CELLS	1 - 2	/hpf	<10	MICROSCOPY
RBC	NIL	/hpf	0-2	MICROSCOPY
CASTS	NIL		0-2 Hyaline Cast	MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY



SIN No:UR2212061


Patient Name : Mr.HARSH JHA	Collected : 02/Nov/2023 08:32AM
Age/Gender : 20 Y 0 M 24 D/M	Received : 02/Nov/2023 12:21PM
UHID/MR No : CMYS.0000058393	Reported : 02/Nov/2023 01:25PM
Visit ID : CMYSOPV118906	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 370863808117	

DEPARTMENT OF CLINICAL PATHOLOGY

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

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

*** End Of Report ***



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Consultant Pathologist



SIN No:UPP015714,UF009714