

Echocardiography Report

Name: Arun Kumar

Age/Sex: 40 Yrs/M

Date: 16.09.2024

Summary of 2D echo

Baseline echocardiography revealed:

- No chamber enlargement seen.
- No RWMA.
- LVEF - 62%
- Normal Diastolic function (E>A)
- Good RV function
- No MR
- Trace TR
- No thrombus detected.
- No Pericardial effusion seen.
- IVC shows normal inspiratory collapse

Observations:-Dimensions

LVID d=	47.0	(35-55mm)
LV IVS=	9.2	(06-11mm)
Pwd =	10.4	(06-11mm)
Ao =	22.1	(20-37mm)
LA =	37.0	(21-37mm)
LVEF =	62%	(55 +6.2%)

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Plot no. 3 , Block no. 34, Pusa Road, WEA, opposite metro pillar no. 77, Karol Bagh,
New Delhi - 110005. Contact Number 011- 40393610 / Helpline No: 1860 500 7788
Emergency: 1066 / Email: ApolloOnePusaRoad@apolloclinic.com

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Mitral Valve - Normal

No MR

Aortic valve- Normal

No AR

Tricuspid Valve -

Trace TR

Pulmonary Valve-Norm

No PR

Impression:

- Normal Chamber dimensions & Valves
- No RWMA
- Normal LV systolic function (EF= 62%)
- Normal Diastolic function
- No PAH

DR. RAJNI SHARMA
MBBS MD, DM Cardiology
Senior Consultant- Cardiology
Apollo One, Plot No 34, Pusa Road
Regn. No. DMG 22072

DR. RAJNI SHARMA (DM-CARDIOLOGY)

SR. CONSULTANT

Patient

ID

Name

Birth Date

Gender

16/03/2024 01:12:28PM

ARUN

Exam

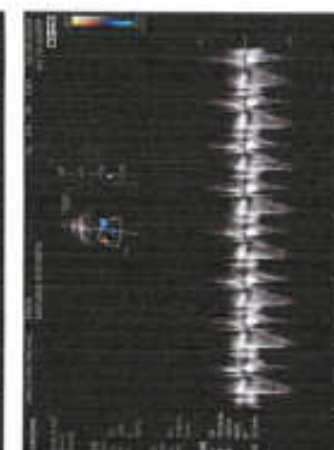
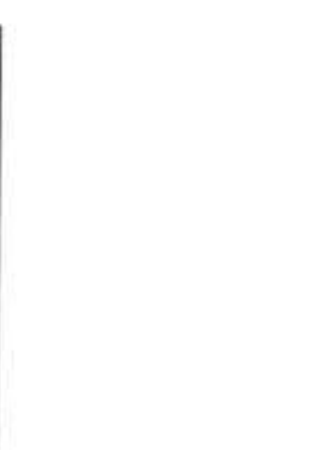
Accession #

Exam Date

Description

Operator

16-09-2024



CERTIFICATE OF MEDICAL FITNESS

This is to certify that I have conducted the clinical examination of

Arun Kumar on 16/9/24

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

	Tick
<p>Medically Fit</p> <p>It Wit Restrictions Recommendations</p> <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>	<input checked="" type="checkbox"/>
<p>Current Unfit. _____ recommended</p> <p>Review after _____</p>	
<p>Unfit</p>	

Height: 179 cm
 Weight: 92 kg
 Blood Pressure: 120/86 mmHg

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This certificate is not meant for medico-legal purposes

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Mr. Arun Kumar
Age - 40y/m

Sp2-991

Height : 179cm	Weight : 92kg	BMI : 30.3	Waist Circum :
Temp : 98.1°F	Pulse : 78/mf	Resp : 20/mf	B.P : 125/86

General Examination / Allergies

History :-

Past His :- *ns*

Surgical His :- *ns*

Allergy :- *no*

Family His :- *M-DHF2
F-NO*

Covid Vaccines :- *2doses*

Diet :- *Mixed*

Physical Activity :- *Moderate*

Menstruation His :- *-*

Marital His :- *Married*

Addictions :- *Occasional alcohol*

General health checkup

CVS : *S, S2*

RS : *S, L ACP*

CNS : *conscious & oriented*

P/A : *S, S, B, S*

ADVICE :-

- *Lifestyle modification*
- *Weight reduction*
- *Review & Repeat*

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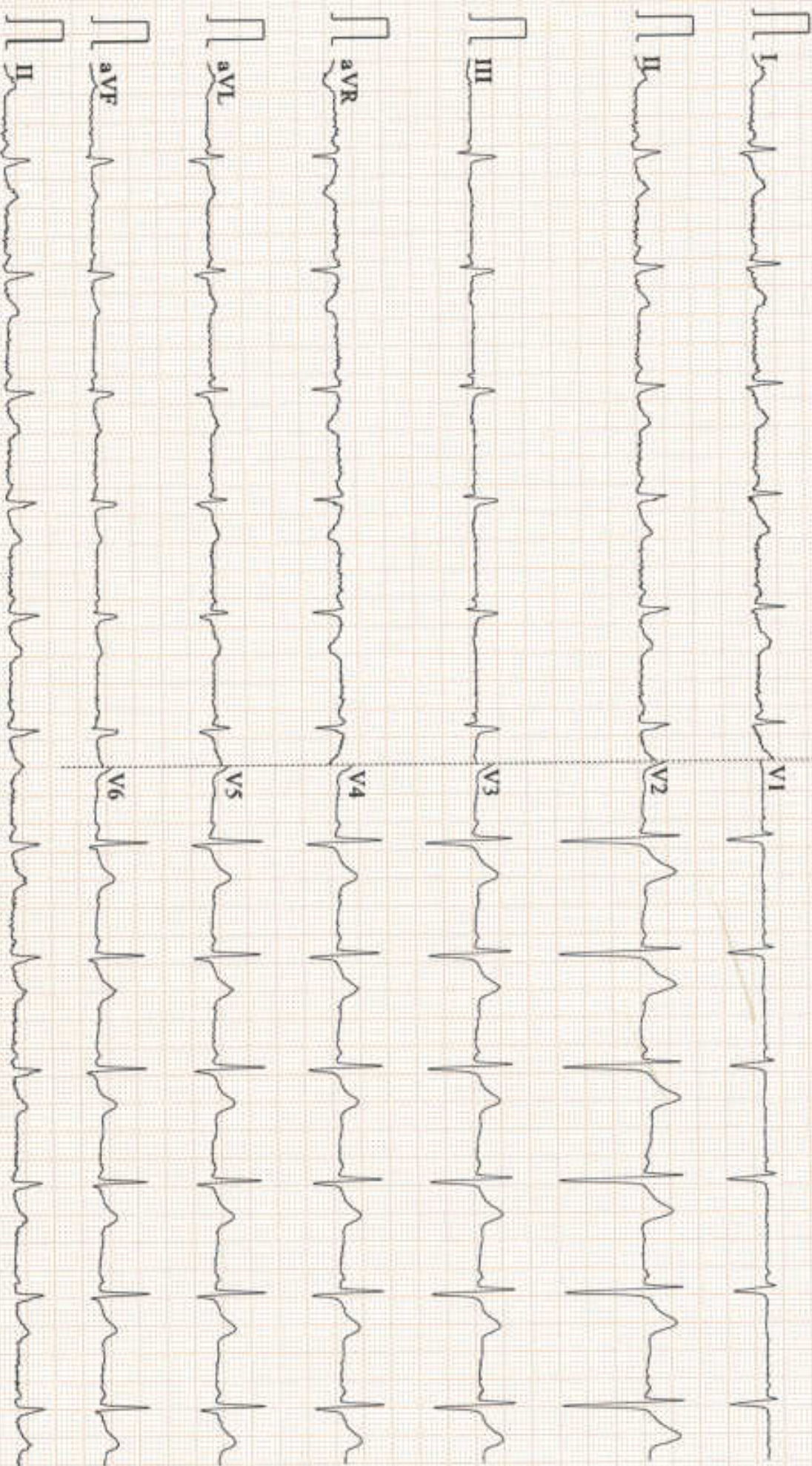
ID: 0000001235
MR ARUR KUMAR
Male 40Years
Req. No. :

14-09-2024 11:54:46 AM
HR : 74 bpm
P : 92 ms
PR : 119 ms
QRS : 95 ms

Diagnosis Information:
Sinus Rhythm
Short PR Interval

QT/QTcBz : 375/416 ms
P/QRS/T : -12/49/21 °
RV5/SV1 : 0.909/0.611 mV

Report Confirmed by:



NAME:- ARUN	AGE: 40/ SEX: M
DATE: September 14, 2024	REF.BY:- HEALTH CHECKUP
S.NO.:-	UHID NO.:- CAOP.0000001225

ULTRASOUND WHOLE ABDOMEN

Liver appears normal in size(14.8cm) and shows diffuse increase in echotexture with loss of portal vein echogenicity suggestive of Grade II Fatty Infiltration. No focal lesion is seen. PV and CBD normal. No dilatation of the intrahepatic biliary radicals.

Gall bladder is partially contracted normal. No evidence of calculus. Wall thickness appears normal.No evidence of peri GB collection. No evidence of focal lesion is seen.

Spleen appears normal. No focal lesion seen. Splenic vein is normal.


Pancreas appears normal in echo pattern. No focal/mass lesion/calcification.No evidence of per pancreatic free fluid or collection. Pancreatic duct appears normal.

Both the kidneys appear normal in size, shape and echo pattern. Cortical thickness and CM differentiation are maintained. No calculus / hydronephrosis seen on either side.**Right kidney measures : 10.1 x 5.2 mm . , Left kidney measures : 11.1 x 6.5 mm .**

Urinary Bladder is partially filled and appears normal. No evidence of any wall thickening or abnormality. No evidence of any intrinsic or extrinsic bladder abnormality detected.

Prostate is normal in size and echo texture. **Prostate parenchyma shows echogenic focii.** Prostate measures 31x 27 x 30 mm, Volume-13 cc.

Suggest - clinical correlation.


DR. SEEMA PRAJAPATI
SENIOR RESIDENT
RADIOAIGNOSIS

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NAME: ARUN KUMAR

DATE: 14.09.2024

REF. BY:- HEALTH CHECKUP

AGE : 40Y/SEX/M

MR. NO:- CAOP.0000001235

S.NO. :- 2409

=====

X-RAY CHEST PA VIEW

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

Please correlate clinically and with lab. Investigations


DR. KAWAL DEEP DHAM
CONSULTANT RADIOLOGIST

Note: It is only a professional opinion. Kindly correlate clinically.

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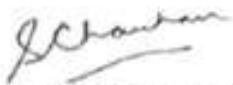
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TOUCHING LIVES Patient Name : Mr.ARUN KUMAR Age/Gender : 40 Y 10 M 23 D/M UHID/MR No : CAOP.0000001235 Visit ID : CAOPOPV01621 Ref Doctor : Self Emp/Auth/TPA ID : 22E32756	Collected : 14/Sep/2024 10:56AM Received : 14/Sep/2024 12:36PM Reported : 14/Sep/2024 02:17PM Status : Final Report Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
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DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	16.3	g/dL	13-17	Spectrophotometer
PCV	47.90	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.39	Million/cu.mm	4.5-5.5	Electrical Impedance
MCV	89.0	fL	83-101	Calculated
MCH	30.2	pg	27-32	Calculated
MCHC	34.0	g/dL	31.5-34.5	Calculated
R.D.W	14.5	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	9,900	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT (DLC)				
NEUTROPHILS	80	%	40-80	Electrical Impedance
LYMPHOCYTES	16	%	20-40	Electrical Impedance
EOSINOPHILS	01	%	1-6	Electrical Impedance
MONOCYTES	03	%	2-10	Electrical Impedance
BASOPHILS	00	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	7920	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	1584	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	99	Cells/cu.mm	20-500	Calculated
MONOCYTES	297	Cells/cu.mm	200-1000	Calculated
Neutrophil lymphocyte ratio (NLR)	5		0.78- 3.53	Calculated
PLATELET COUNT	201000	cells/cu.mm	150000-410000	Electrical Impedance
ERYTHROCYTE SEDIMENTATION RATE (ESR)	15	mm at the end of 1 hour	0-15	Modified Westergren
PERIPHERAL SMEAR				
RBCs	Predominantly Normocytic Normochromic			
WBCs	Are essentially unremarkable. No abnormal cells seen.			
Platelets	Adequate in number, verified on smear			

Dr. Shivangi Chauhan
M.B.B.S, M.D (Pathology)
Consultant Pathologist

SIN No.: AOP240900226

TOUCHING LIVES Patient Name : Mr.ARUN KUMAR Age/Gender : 40 Y 10 M 23 D/M UHID/MR No : CAOP.0000001235 Visit ID : CAOPOPV01621 Ref Doctor : Self Emp/Auth/TPA ID : 22E32756	Collected : 14/Sep/2024 10:56AM Received : 14/Sep/2024 12:36PM Reported : 14/Sep/2024 02:17PM Status : Final Report Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
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No Hemoparasites seen in smears examined.

Impression Normal peripheral smear study

Advice Clinical correlation



Dr. Shivangi Chauhan
 M.B.B.S, M.D (Pathology)
 Consultant Pathologist



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Patient Name : Mr.ARUN KUMAR	Received : 14/Sep/2024 12:36PM
Age/Gender : 40 Y 10 M 23 D/M	Reported : 14/Sep/2024 07:27PM
UHID/MR No : CAOP.0000001235	Status : Final Report
Visit ID : CAOPOPV01621	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
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DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
BLOOD GROUP ABO AND RH FACTOR , WHOLE BLOOD EDTA				
BLOOD GROUP TYPE	B			Gel agglutination
Rh TYPE	POSITIVE			Gel agglutination



Dr. Shivangi Chauhan
M.B.B.S, M.D (Pathology)
Consultant Pathologist



SIN No: AOP240900226

Patient Name : Mr.ARUN KUMAR	Collected : 14/Sep/2024 10:56AM
Age/Gender : 40 Y 10 M 23 D/M	Received : 14/Sep/2024 12:25PM
UHID/IMR No : CAOP.0000001235	Reported : 14/Sep/2024 12:57PM
Visit ID : CAOPOPV01621	Status : Final Report
Ref Doctor : Self	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 22E32756	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE, FASTING , NAF PLASMA	99	mg/dL	70-100	GOD - POD

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.



Dr. Shivangi Chauhan
M.B.B.S, M.D(Pathology)
Consultant Pathologist



Patient Name : Mr.ARUN KUMAR	Collected : 16/Sep/2024 10:39AM
Age/Gender : 40 Y 10 M 23 D/M	Received : 16/Sep/2024 12:54PM
UHID/MR No. : CAOP.0000001235	Reported : 16/Sep/2024 12:59PM
Visit ID : CAOPPV01621	Status : Final Report
Ref Doctor : Self	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 22E32756	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS , SODIUM FLUORIDE PLASMA (2 HR)	118	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.



Dr. Shivangi Chauhan
M.B.B.S, M.D(Pathology)
Consultant Pathologist

SIN No: AOP240900398



FOUNDING LIVES Patient Name : Mr.ARUN KUMAR Age/Gender : 40 Y 10 M 23 D/M UHID/MR No : CAOP.0000001235 Visit ID : CAOPOPV01621 Ref Doctor : Self Emp/Auth/TPA ID : 22E32756	Collected : 14/Sep/2024 10:56AM Received : 14/Sep/2024 02:30PM Reported : 14/Sep/2024 03:39PM Status : Final Report Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
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DEPARTMENT OF BIOCHEMISTRY
ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
HBA1C (GLYCATED HEMOGLOBIN) , WHOLE BLOOD EDTA				
HBA1C, GLYCATED HEMOGLOBIN	5.8	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	120	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.
- 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)



Dr. Shivangi Chauhan
 M.B.B.S, M.D (Pathology)
 Consultant Pathologist



SIN No: AOP240900229

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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
LIPID PROFILE , SERUM				
TOTAL CHOLESTEROL	202	mg/dL	<200	CHE/CHO/POD
TRIGLYCERIDES	139	mg/dL	<150	
HDL CHOLESTEROL	48	mg/dL	>40	CHE/CHO/POD
NON-HDL CHOLESTEROL	154	mg/dL	<130	Calculated
LDL CHOLESTEROL	126.2	mg/dL	<100	Calculated
VLDL CHOLESTEROL	27.8	mg/dL	<30	Calculated
CHOL / HDL RATIO	4.21		0-4.97	Calculated
ATHEROGENIC INDEX (AIP)	0.10		<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

Measurements in the same patient can show physiological and analytical variations.

NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.


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ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
LIVER FUNCTION TEST (LFT) , SERUM				
BILIRUBIN, TOTAL	0.80	mg/dL	0.1-1.2	Azobilirubin
BILIRUBIN CONJUGATED (DIRECT)	0.40	mg/dL	0.1-0.4	DIAZO DYE
BILIRUBIN (INDIRECT)	0.40	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	43	U/L	4-44	JSCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	38.0	U/L	8-38	JSCC
AST (SGOT) / ALT (SGPT) RATIO (DE RITIS)	0.9		<1.15	Calculated
ALKALINE PHOSPHATASE	123.00	U/L	32-111	IFCC
PROTEIN, TOTAL	7.10	g/dL	6.7-8.3	BIURET
ALBUMIN	4.60	g/dL	3.8-5.0	BROMOCRESOL GREEN
GLOBULIN	2.50	g/dL	2.0-3.5	Calculated
A/G RATIO	1.84		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. 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.

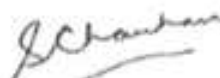
2. Cholestatic Pattern:

*ALP – Disproportionate increase in ALP compared with AST, ALT. ALP elevation also seen in pregnancy, impacted by age and sex. *Bilirubin elevated- predominantly direct, To establish the hepatic origin correlation with elevated GGT helps.

3. Synthetic function impairment:

*Albumin- Liver disease reduces albumin levels, Correlation with PT (Prothrombin Time) helps.

4. Associated tests for assessment of liver fibrosis - Fibrosis-4 and APRI Index.


 Dr. Shivangi Chauhan
 M.B.B.S, M.D (Pathology)
 Consultant Pathologist



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Test Name	Result	Unit	Bio. Ref. Interval	Method
RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , SERUM				
CREATININE	0.75	mg/dL	0.6-1.1	ENZYMATIC METHOD
UREA	17.10	mg/dL	17-48	Urease
BLOOD UREA NITROGEN	8.0	mg/dL	8.0 - 23.0	Calculated
URIC ACID	7.40	mg/dL	4.0-7.0	URICASE
CALCIUM	9.00	mg/dL	8.4-10.2	CPC
PHOSPHORUS, INORGANIC	2.90	mg/dL	2.6-4.4	PNP-XOD
SODIUM	141	mmol/L	135-145	Direct ISE
POTASSIUM	3.9	mmol/L	3.5-5.1	Direct ISE
CHLORIDE	96	mmol/L	98-107	Direct ISE
PROTEIN, TOTAL	7.10	g/dL	6.7-8.3	BIURET
ALBUMIN	4.60	g/dL	3.8-5.0	BROMOCRESOL GREEN
GLOBULIN	2.50	g/dL	2.0-3.5	Calculated
A/G RATIO	1.84		0.9-2.0	Calculated



Dr. Shivangi Chauhan
M.B.B.S., M.D (Pathology)
Consultant Pathologist



SIN No: AOP240900228

Patient Name : Mr.ARUN KUMAR	Collected : 14/Sep/2024 10:56AM
Age/Gender : 40 Y 10 M 23 D/M	Received : 14/Sep/2024 03:02PM
UHID/MR No : CAOP.0000001235	Reported : 14/Sep/2024 03:49PM
Visit ID : CAOPOPV01621	Status : Final Report
Ref Doctor : Self	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 22E32756	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM	66.00	U/L	16-73	Glycylglycine Kinetic method



Dr. Shivangi Chauhan
M.B.B.S, M.D(Pathology)
Consultant Pathologist



SIN No: AOP240900228

Patient Name : Mr.ARUN KUMAR Age/Gender : 40 Y 10 M 23 D/M UHID/MR No : CAOP.0000001235 Visit ID : CAOPOPV01621 Ref Doctor : Self Emp/Auth/TPA ID : 22E32756	Collected : 14/Sep/2024 10:56AM Received : 14/Sep/2024 02:28PM Reported : 14/Sep/2024 03:51PM Status : Final Report Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
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DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM				
TRI-IODOETHYRONINE (T3, TOTAL)	1.51	ng/mL	0.87-1.78	CLIA
THYROXINE (T4, TOTAL)	11.27	µg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	4.732	µIU/mL	0.38-5.33	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	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

Nidhi

Dr Nidhi Sachdev
M.B.B.S,MD(Pathology)
Consultant Pathologist

SIN No:AOP240900225




Patient Name	: Mr.ARUN KUMAR	Collected	: 14/Sep/2024 10:56AM
Age/Gender	: 40 Y 10 M 23 D/M	Received	: 14/Sep/2024 02:28PM
UHID/MR No	: CAOP.0000001235	Reported	: 14/Sep/2024 03:51PM
Visit ID	: CAOPOPV01621	Status	: Final Report
Ref Doctor	: Self	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 22E32756		

DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma
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Dr Nidhi Sachdev
M.B.B.S,MD(Pathology)
Consultant Pathologist

SIN No:AOP240900225



TOUCHING LIVES Patient Name : Mr.ARUN KUMAR Age/Gender : 40 Y 10 M 23 D/M UHID/MR No : CAOP.0000001235 Visit ID : CAOPPV01621 Ref Doctor : Self Emp/Auth/TPA ID : 22E32756		Collected : 14/Sep/2024 10:56AM Received : 14/Sep/2024 02:28PM Reported : 14/Sep/2024 03:14PM Status : Final Report Sponsor Name : ARCOFEMI HEALTHCARE LIMITED	
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DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
TOTAL PROSTATIC SPECIFIC ANTIGEN (tPSA) , SERUM	0.570	ng/mL	0-4	CLIA



Dr. Tanish Mandal
 M.B.B.S, M.D (Pathology)
 Consultant Pathologist

SIN No: AOP240900225



Patient Name : Mr.ARUN KUMAR	Collected : 14/Sep/2024 10:56AM
Age/Gender : 40 Y 10 M 23 D/M	Received : 14/Sep/2024 01:14PM
UHID/MR No : CAOP.0000001235	Reported : 14/Sep/2024 03:39PM
Visit ID : CAOPDPV01621	Status : Final Report
Ref Doctor : Self	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 22E32756	

DEPARTMENT OF CLINICAL PATHOLOGY


ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
COMPLETE URINE EXAMINATION (CUE) , URINE				
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Physical Measurement
pH	6.0		5-7.5	Double Indicator
SP. GRAVITY	1.025		1.002-1.030	Bromothymol Blue
BIOCHEMICAL EXAMINATION				
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	Modified Ehrlich Reaction
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	Leucocyte Esterase
CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY				
PUS CELLS	5-6	/hpf	0-5	Microscopy
EPITHELIAL CELLS	3-4	/hpf	<10	Microscopy
RBC	NIL	/hpf	0-2	Microscopy
CASTS	NIL		0-2 Hyaline Cast	Microscopy
CRYSTALS	ABSENT		ABSENT	Microscopy

Comment:

All urine samples are checked for adequacy and suitability before examination. All abnormal chemical examination are rechecked and verified by manual methods.

Microscopy findings are reported as an average of 10 high power fields.


 Dr. Shivangi Chauhan
 M.B.B.S, M.D(Pathology)
 Consultant Pathologist



TOUCHING LIVES Patient Name : Mr.ARUN KUMAR Age/Gender : 40 Y 10 M 23 D/M UHID/MR No : CAOP.0000001235 Visit ID : CAOPOPV01621 Ref Doctor : Self Emp/Auth/TPA ID : 22E32756	Collected : 16/Sep/2024 10:39AM Received : 16/Sep/2024 01:12PM Reported : 16/Sep/2024 01:43PM Status : Final Report Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
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DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

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



Dr. Shivangi Chauhan
 M.B.B.S, M.D(Pathology)
 Consultant Pathologist



SIN No: AOP240900399

Patient Name : Mr.ARUN KUMAR	Collected : 14/Sep/2024 10:56AM
Age/Gender : 40 Y 10 M 23 D/M	Received : 14/Sep/2024 01:14PM
UHID/MR No : CAOP.0000001235	Reported : 14/Sep/2024 03:39PM
Visit ID : CAOPOPV01621	Status : Final Report
Ref Doctor : Self	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 22E32756	

DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

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

*** End Of Report ***



Dr. Shivangi Chauhan
M.B.B.S, M.D(Pathology)
Consultant Pathologist




SIN No: AOP240900227

Patient Name : Mr.ARUN KUMAR
Age/Gender : 40 Y 10 M 23 D/M
UHID/MR No : CAOP.0000001235
Visit ID : CAOPOPV01621
Ref Doctor : Self
Emp/Auth/TPA ID : 22E32756

Collected : 14/Sep/2024 10:56AM
Received : 14/Sep/2024 01:14PM
Reported : 14/Sep/2024 03:39PM
Status : Final Report
Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

TERMS AND CONDITIONS GOVERNING THIS REPORT

The reported results are for information and interpretation of the referring doctor or such other medical professionals, who understand reporting units, reference ranges and limitations of technologies.
Laboratories not be responsible for any interpretation whatsoever.
It is presumed that the tests performed are, on the specimen / sample being to the patient named or identified and the verifications of the particulars have been cleared out by the patient or his / her representative at the point of generation of said specimen.
The reported results are restricted to the given specimen only. Results may vary from lab to lab and from time to time for the same parameter for the same patient.
Assays are performed in accordance with standard procedures, The reported results are dependent on individual assay methods / equipment used and quality of specimen received.
This report is not valid for medico legal purposes.



Dr. Shivangi Chauhan
M.B.B.S, M.D(Pathology)
Consultant Pathologist



SIN No: AOP240900227

DR. ALVEEN KAUR

Senior Consultant - Dental
BDS, MIDA, REG NO- A-12249
Specialized in Surgical, & Cosmetic procedures & Trauma
For Booking Call on - 9817966537
Days: - Mon to Sat
10AM to 5PM



Mr. Arjun Kumar

to / M

ofc:- - Leukoplakia patches seen on both sides of cheek.

→ Tobacco Stained Habits.

Restricted mouth opening.

R Adv.

→ Adv. → Deep oral Propylaxis
Gum Curettage.

Pt. wants to come on Monday Morning.

Signature: Dr. Alveen Kaur
APOLLO HEALTH AND LIFESTYLE LTD.
APOLLO ONE
Plot No. 3, Block No. 34, Metro Pillar No. 77
Pusa Road, New Delhi - 110005

Apollo One (Unit of Apollo Health and Lifestyle Ltd)
Plot no. 3, Block no. 34, Pusa Road, WEA, opposite metro pillar no. 77, Karol Bagh,
New Delhi - 110005. Contact Number 011- 40393610 / Helpline No: 1860 500 7788
Emergency: 1066 / Email: ApolloOnePusaRoad@apolloclinic.com

Registered Office: Apollo Health and Lifestyle Limited
7-1-617/A, 615 and 616, Imperial Towers, 7th Floor,
Ameerpet, Hyderabad-500038, U85110TG2000PLC115819

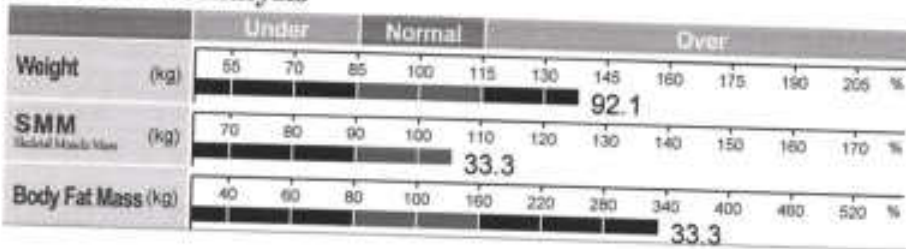
www.apolloclinic.com

ID caop000001235	Height 174cm	Age 40	Gender Male	Test Date / Time 14.09.2024. 12:01
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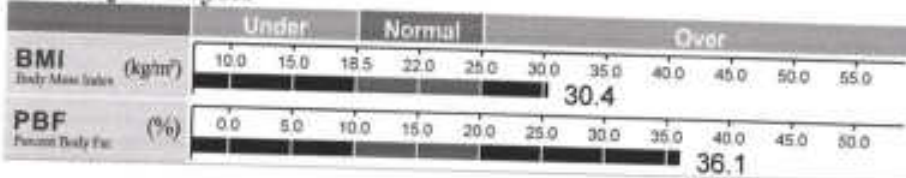
Body Composition Analysis

	Values	Total Body Water	Soft Lean Mass	Fat Free Mass	Weight
Total Body Water (L)	43.1 (37.4~45.8)	43.1	55.4 (48.1~58.7)	58.8 (51.0~62.3)	92.1 (56.6~76.6)
Protein (kg)	11.7 (10.1~12.3)				
Minerals (kg)	4.00 (3.46~4.23)				
Body Fat Mass (kg)	33.3 (8.0~16.0)				

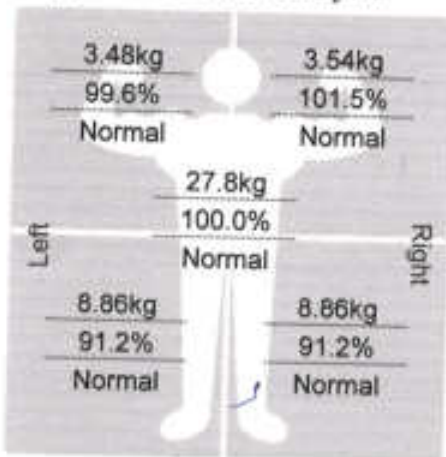
Muscle-Fat Analysis



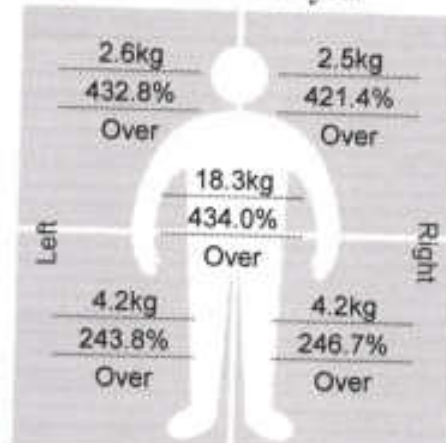
Obesity Analysis



Segmental Lean Analysis



Segmental Fat Analysis



Body Composition History

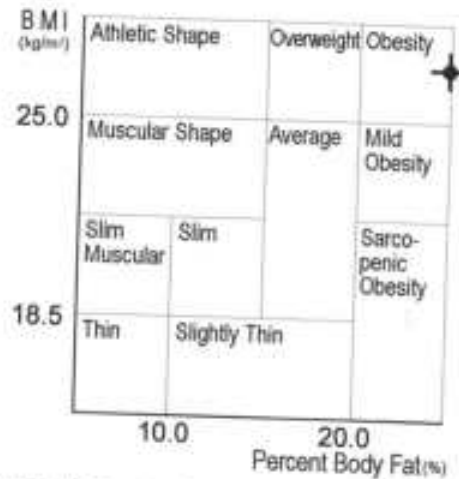
	Weight (kg)	SMM (kg)	PBF (%)
Recent	92.1	33.3	36.1
Total			

InBody Score

59/100 Points

* Total score that reflects the evaluation of body composition. A muscular person may score over 100 points.

Body Type



Weight Control

Target Weight	69.2 kg
Weight Control	- 22.9 kg
Fat Control	- 22.9 kg
Muscle Control	0.0 kg

Obesity Evaluation

BMI	<input type="checkbox"/> Normal	<input type="checkbox"/> Under	<input type="checkbox"/> Slightly Over	<input checked="" type="checkbox"/> Over
PBF	<input type="checkbox"/> Normal	<input type="checkbox"/> Slightly Over	<input checked="" type="checkbox"/> Over	

Body Balance Evaluation

Upper	<input checked="" type="checkbox"/> Balanced	<input type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced
Lower	<input checked="" type="checkbox"/> Balanced	<input type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced
Upper-Lower	<input checked="" type="checkbox"/> Balanced	<input type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced

Research Parameters

Basal Metabolic Rate	1641 kcal	(1892~2230)
Waist-Hip Ratio	1.07	(0.80~0.90)
Visceral Fat Level	16	(1~9)
Obesity Degree	138 %	(90~110)
Bone Mineral Content	3.36 kg	(2.85~3.49)
SMI	8.2 kg/m ²	
Recommended calorie intake	2449 kcal	

Impedance

	RA	LA	TR	RL	LL
Z(Ω) 5 kHz	337.4	342.4	27.3	308.6	304.2
50 kHz	292.5	299.9	23.4	263.2	261.4
250 kHz	259.9	268.2	19.5	234.3	233.9

DR. RAJEEV NANGIA

MBBS, MS (ENT)

Senior Consultant

Contact: 8929440195

Mr. Anur Kumar

60 yrs

M

Height :	Weight :	BMI :	Waist Circum :
Temp :	Pulse :	Resp :	B.P :

General Examination / Allergies
History

Clinical Diagnosis & Management Plan

*For Routine ENT
Examination
H/O Ear Discharge*

*8/8/1
Wax (R)
Emf seen success
meas
Nose - H.*

*Ado
R*

Ado
S/S X
- Cap ABSOLUT 34
- Clean wax sm of
2-3

APOLLO HEALTH AND LIFESTYLE LTD.
APOLLO ONE
Plot No. 3, Block No. 34, Metro Pillar No. 77
Pusa Road, WEA, Karol Bagh

Follow up date:

Doctor Signature

Eye Checkup

NAME:- MR. Arun Kumar

Age:- 40

Date: 14/9/24

SELF / CORPORATE:-

	Right Eye	Left Eye
Distant Vision	+0.75 x 90 (C/B)	+0.25 sph (C/B)
Near vision	6/6	6/6
Color vision	OK	OK
Fundus examination	/	/
Intraocular pressure	/	/
Slit lamp exam	/	/

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Plot no. 3, Block no. 34, Pusa Road, WEA, opposite metro pillar no. 77, Karol Bagh,
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Amberpet, Hyderabad-500038, U85110TG2000PLC115819

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Signature
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New Delhi, India