

Name : Mr. SOMNATH AGARWAL (40 /M)

Date : 07/11/2024

Address : 2, B G LANE, S I G QTRS, FLAT-G-6, P S- SHIBPUR, HOWRAH, HOWRAH, WEST BENGAL, INDIA

Examined by :

UHID : AGHL.0000426950

Package : MEDIWHEEL - FULL BODY ANNUAL PLUS WITH TMT MALE HCK

AHC No : AMHLAH225632



## CHIEF COMPLAINTS

For corporate health checkup

Migraine

Hyperpigmentation, Dry skin

## PRESENT KNOWN ILLNESS

No history of - Diabetes mellitus,  
Hypertension,  
Dyslipidemia, Thyroid  
disorder



## DRUG ALLERGY

NO KNOWN ALLERGY

:07/11/2024



## SYSTEMIC REVIEW

### Cardiovascular system

- Nil Significant

### Respiratory system

- Nil Significant

### Gastrointestinal system

- Nil Significant

### Genitourinary system

- Nil Significant

### Central nervous system

- Nil Significant

### Eyes

Vision - normal with glasses; Glasses - yes

### ENT

- Nil Significant

### Musculoskeletal system

Spine and joints

- Nil Significant

### Skin

- Nil Significant



## Past medical history

Past medical history - nil significant



## Personal history

Marital status - Married  
Diet - Vegetarian  
Alcohol - consumes alcohol  
occasionally  
Smoking - No  
Chews tobacco - No  
Physical activity - Mild



## Family history

Father - alive  
Mother - alive  
Diabetes - mother  
Age - greater than 50  
Hypertension - mother  
Coronary artery  
disease - none  
Cancer - None

## PHYSICAL EXAMINATION



## General

Build - normal  
Height - 178  
Weight - 76  
BMI - 23.99  
Pallor - No  
Oedema - no



## Cardiovascular system

Heart rate (Per minute) - 73  
Rhythm - Regular  
Systolic(mm of Hg) - 106  
Diastolic(mm of Hg) - 75  
- B.P. Sitting

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Heart sounds - S1S2+

### Respiratory system

Breath sounds - Normal vesicular breath sounds

### Abdomen

Organomegaly - No  
Tenderness - No

### Ophthalmology consultation

Ophthalmology findings - OCULAR MOVEMENTS:  
(RE):FULL (LE):FULL  
ANTERIOR SEGMENTS:  
(RE):WNL (LE):WNL INTRA  
OCULAR PRESSURE  
(RE):19 (LE):19 VISUAL  
ACUITY DISTANCE:WITH  
GLASS (RE):6/6 (LE):6/6  
VISUAL ACUITY  
NEAR:WITH GLASS  
(RE):N6 (LE)N6 ADVICE:\*To  
continue present  
glass\*Detail  
funduscopy\*Review after  
1yr/SOS

Printed By : Jhuma Bagchi

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**COMPLETE HAEMOGRAM**

Test Name	Result	Unit	Level	Range
Hemoglobin	14.3	g/dl	●	13.0-17.0
RBC COUNT	4.76	Million/ ul	●	4.5-5.5
Hematocrit - Hct:	45.8	%	●	41-53
MCV	96.1	fl	●	83-101
MCH	30.0	pg	●	27-32
MCHC	31.2 *	%	●	31.5-34.5
RDW	12.9	%	●	11.8-14.0
WBC Count	10100 *	/cu mm	●	4000-10000
Platelet Count	4.17 *	lacs/cu mm	●	1.5-4.0
Neutrophils	67	%	●	40-80
Lymphocytes	26	%	●	20-40
Monocytes	06	%	●	2-10
Eosinophils	01	%	●	01-06
Basophils	00	%	●	0-0
RBC:	Normocytic Normochromic cells			
Platelets:	Increased.			

**ERYTHROCYTE SEDIMENTATION RATE (ESR)**

Test Name	Result	Unit	Level	Range
ERYTHROCYTE SEDIMENTATION RATE (ESR)	05	mm/1st hr	●	0-15

**URINE ROUTINE AND MICROSCOPY**

Test Name	Result	Unit	Level	Range
Volume:	40	mL		
Colour:	Pale Straw			
Appearance	Clear			
Specific Gravity	1.005			
pH:	6.0			
Albumin:	Not Detected			
Glucose	Not Detected			
Ketone:	Not Detected			
Bile Pigments	Not Detected			
RBC	Nil	/hpf		
Pus Cells	Occasional/hpf			

Epithelial Cells	Occasional/hpf
Casts:	Not Found
Crystals:	Not Found

**URINE SUGAR - POST PRANDIAL (QUALITATIVE)**

Test Name	Result	Unit	Level	Range
URINE GLUCOSE(POST PRANDIAL)	Nil			

**URINE SUGAR- FASTING(QUALITATIVE)**

Test Name	Result	Unit	Level	Range
URINE GLUCOSE(FASTING)	Nil			

**BLOOD GROUPING AND TYPING (ABO AND RH)**

Test Name	Result	Unit	Level	Range
ABO Group:	O			
Rh (D) Type:	POSITIVE			

**ALT(SGPT) - SERUM**

Test Name	Result	Unit	Level	Range
ALT(SGPT) - SERUM	28	U/L	●	0-50

**ALBUMIN - SERUM**

Test Name	Result	Unit	Level	Range
ALBUMIN - SERUM	4.6	g/dL	●	3.5-5.1

**ALKALINE PHOSPHATASE - SERUM**

Test Name	Result	Unit	Level	Range
ALKALINE PHOSPHATASE - SERUM	98	U/L	●	43-115

**AST (SGOT) - SERUM**

Test Name	Result	Unit	Level	Range
AST (SGOT) - SERUM	25	U/L	●	0-50

**BILIRUBIN, TOTAL - SERUM**

Test Name	Result	Unit	Level	Range
BILIRUBIN TOTAL - SERUM	1.0	mg/dL	●	0.3-1.2

**CHOLESTEROL - SERUM**

Test Name	Result	Unit	Level	Range

● Within Normal Range    
 ● Borderline High/Low    
 ● Out of Range

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CHOLESTEROL - SERUM 138 mg/dL ● 0-200

Non-HDL Cholesterol 100

LDL CHOLESTEROL -SERUM 93 mg/dL ● Optimal: <100

VLDL CHOLESTEROL - SERUM (Calculated) 7 mg/dL ● 0-35

**CREATININE - SERUM**

Test Name Result Unit Level Range  
CREATININE - SERUM 0.8 \* mg/dL ● 0.9-1.3

**GGTP: GAMMA GLUTAMYL TRANSPEPTIDASE - SERUM**

Test Name Result Unit Level Range  
GGTP: GAMMA GLUTAMYL TRANSPEPTIDASE - SERUM 19 U/L ● 0-55

**GLUCOSE - PLASMA (FASTING)**

Test Name Result Unit Level Range  
GLUCOSE - PLASMA (FASTING) 90 mg/dL ● 70-99

**GLUCOSE - PLASMA (POST PRANDIAL)**

Test Name Result Unit Level Range  
GLUCOSE - PLASMA (POST PRANDIAL) 96 mg/dL ● 70-140

**HBA1C (GLYCOSYLATED HAEMOGLOBIN)-WHOLE BLOOD**

Test Name Result Unit Level Range  
HBA1C (GLYCOSYLATED HAEMOGLOBIN)-WHOLE BLOOD 5.1 % ●  
Nondiabetic : 4 - 5.6 %  
Prediabetics : 5.7 - 6.4%  
Diabetes : >= 6.5%  
ADA  
Therapeutic goal : <7%

**HDL CHOLESTEROL - SERUM**

Test Name Result Unit Level Range  
HDL CHOLESTEROL - SERUM 38 mg/dL ● 30-70  
TC/HDL-C ratio serum 4 \* ● Optimal<3.5

**LDL CHOLESTEROL -SERUM**

Test Name Result Unit Level Range

**PROTEIN TOTAL - SERUM**

Test Name Result Unit Level Range  
PROTEIN TOTAL - SERUM 7.6 g/dL ● 6.4-8.3  
Albumin/Globulin Ratio 1.5 ● 1.0-2.0  
GLOBULIN: (CALCULATED) - SERUM 3.1 g/dL ● 1.8-3.6

**TOTAL T3: TRI IODOTHYRONINE - SERUM**

Test Name Result Unit Level Range  
TOTAL T3: TRI IODOTHYRONINE - SERUM (Chemiluminescence) 0.89 ng/ml ● 0.87-1.78

**TOTAL T4: THYROXINE - SERUM**

Test Name Result Unit Level Range  
TOTAL T4: THYROXINE - SERUM (Chemiluminescence) 8.59 µg/dL ● 5.48-14.28

**TRIGLYCERIDES - SERUM**

Test Name Result Unit Level Range  
TRIGLYCERIDES - SERUM 58 mg/dL ● 0-150

**TSH: THYROID STIMULATING HORMONE - SERUM**

Test Name Result Unit Level Range  
TSH: THYROID STIMULATING HORMONE - SERUM (Chemiluminescence) 4.09 µIU/mL ● 0.38-5.33

**URIC ACID - SERUM**

Test Name Result Unit Level Range  
URIC ACID - SERUM 6.7 mg/dL ● 2.6-7.2

**BILIRUBIN CONJUGATED (DIRECT) - SERUM**

Test Name Result Unit Level Range

● Within Normal Range ● Borderline High/Low ● Out of Range

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BILIRUBIN 0.2 mg/dL ● 0.0-0.2  
CONJUGATED  
(DIRECT) - SERUM

\* No significant abnormality noted.

### PROSTATIC SPECIFIC ANTIGEN (PSA TOTAL) - SERUM

Test Name	Result	Unit	Level	Range
PROSTATIC SPECIFIC ANTIGEN (PSA TOTAL) - SERUM (Chemiluminescence)	0.75	ng/mL	●	0.00-6.50

[NOTE: At times pelvic structures are not well visualized due to inadequate patient preparation / excess bowel gas shadow. However suggested clinical correlation and other investigations if clinically indicated.]

### BUN (BLOOD UREA NITROGEN)

Test Name	Result	Unit	Level	Range
BUN (BLOOD UREA NITROGEN)	7	mg/dL	●	7.0-18.0

Dr. SRIJITA GHOSH SEN  
DNB (RADIODIAGNOSIS)  
MNAMS, FRCR (LONDON)  
CONSULTANT RADIOLOGIST  
Reg. No. 68918 (WBMC)

### BUN/CREATININE RATIO

Test Name	Result	Unit	Level	Range
BUN/CREATININE RATIO	8.75			

### ECG

NORMAL SINUS RHYTHM, WITHIN NORMAL LIMITS.

INVESTIGATIONS NOT DONE / NOT YET REPORTED / NOT PART OF PACKAGE(LAB,RADIOLOGY & CARDIOLOGY)

### X-RAY CHEST PA

\* Chest skiagram does not reveal any significant abnormality.

### Biochemistry

A/G - RATIO

Dr. ARKADEEP DEY  
DNB RESIDENT  
In consultation with

Dr. SRIJITA GHOSH SEN  
DNB (RADIODIAGNOSIS)  
MNAMS, FRCR (LONDON)  
CONSULTANT RADIOLOGIST  
Reg. No. 68918 (WBMC)

### TREADMILL TEST / STRESS TEST

STRESS TEST IS NEGATIVE FOR PROVOCABLE MYOCARDIAL ISCHAEMIA.

### ULTRASOUND SCREENING WHOLE ABDOMEN

● Within Normal Range    ● Borderline High/Low    ● Out of Range

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**Printed By** :

AHC Physician / Consultant Internal Medicine

**Note** :- The Health Check-up examinations and routine investigations have certain limitations and may not be able to detect all the diseases. Any new or persisting symptoms should be brought to the attention of the Consulting Physician. Additional tests, consultations and follow up may be required in some cases.

## AICVD RISK SCORE REPORT

### RISK STATUS

Low Risk

### YOUR SCORE

2

### ACCEPTABLE SCORE

5

### Your cardiovascular disease risk in the next 10 years is within the Normal limits for your age and gender

The AICVD risk score developed by Apollo Hospitals is a novel artificial intelligence-based risk scoring system that predicts your risk of having Coronary Artery Disease (CAD) related events in the next ten years. This scoring system uses Indian data and has been validated by multiple national and international institutions. This risk score is more than 92% accurate and has been compiled based on your physical parameters, heart health attributes, lifestyle and medical history. **Note:** The risk category is determined through the ratio between guest score and acceptable score at multiple decimal points. The outputs are shown in whole numbers.

### Based on your AICVD risk score you are advised the following:

- Follow the guidance and education on **lifestyle and dietary management provided through the ProHealth program. Maintain a healthy BMI (<25). Avoid tobacco in any form and if you are a smoker, stop smoking.**
- Continue with **medications** for high blood pressure, diabetes, or dyslipidemia, if advised by your physician. Maintain HbA1c <7% (<53mmol/mol), blood pressure <140/90mmHg.
- Follow your physician's advice regarding **follow up tests, consults and annual health assessment**

### DISCLAIMER

1. This is not a diagnostic tool and it does not guarantee accuracy of the result and cannot be acted upon independently.
2. This risk score and clinical algorithm is a general guideline for physicians. Any additional laboratory investigations, diagnostic imaging, treatment or patient education related to lifestyle management is under the physician 's or cardiologist's discretion.
3. To ensure the information in the report is up to date , accurate and correct, doctor shall be consulted for interpretation of the report.
4. Apollo Hospitals and its staff does not offer any assurance on the information made available or be liable for any loss or damage as the said report is based on the AICVD risk score without any intervention from their side .
5. By usage of the AICVD risk score, it is deemed that the beneficiary of this service has agreed to get the same done at his own risk and further agrees with this disclaimer without any limitation or any clauses or sub-clauses.

**The Clinical AI Models and APIs used at Apollo Hospitals are certified by ISO 13485 : 2016 vide certificate no. MD 763515**