

Name : Mr. SUKUMAR BARAI (56 /M)

Date : 08/11/2024

Address :

Examined by: Dr .SUCHISMITA BHAUMIK

UHID : AMHL.0002195954

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

AHC No : AMHLAH225809



## CHIEF COMPLAINTS

For corporate health checkup  
C/O Cramps in fingers

## PRESENT KNOWN ILLNESS

No history of - Diabetes mellitus,  
Dyslipidemia, Thyroid  
disorder, Heart disease,  
Stroke, Asthma  
Hypertension Since - 5 yrs; Medication -  
regular



## SYSTEMIC REVIEW

### Cardiovascular system

- Nil Significant

### Respiratory system

Sneezing - on and off; Exacerbated by - allergens;  
Runny nose - yes; Exacerbated by - allergens

### Gastrointestinal system

Appetite - normal; Symptoms - acidity, bloating;  
Bowel habits - regular; Piles - no

### Genitourinary system

- Nil Significant

### Eyes

Vision - normal with glasses

### ENT

Hearing loss right - moderate

### Musculoskeletal system

Muscles and  
extremities  
Muscle - cramps

### Skin

- Nil Significant



## Present medications

- names not known



## Past medical history

Past medical history - nil significant



## Surgical history

Appendicectomy - 1994



## Personal history

Marital status - Married  
No. of children - 3  
Diet - Non Vegetarian  
Alcohol - consumes alcohol  
occasionally  
Smoking - No  
Chews tobacco - No  
Physical activity - Moderate



## Family history

Father - alive  
Mother - has expired  
Coronary artery  
disease - none  
Cancer - mother

## PHYSICAL EXAMINATION



## General

Build - over weight  
Height - 167  
Weight - 71  
BMI - 25.46  
Pallor - No  
Oedema - no



## Cardiovascular system

Heart rate (Per minute) - 89  
Rhythm - Regular  
- B.P. Sitting  
Systolic(mm of Hg) - 150

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Diastolic(mm of Hg) - 100  
Heart sounds - S1S2+

### Respiratory system

Breath sounds - Normal vesicular breath sounds

### Abdomen

Organomegaly - No  
Tenderness - No

### Skin

- No significant finding

### Ophthalmology consultation

Ophthalmology findings - OCULAR MOVEMENTS:  
(RE):FULL (LE):FULL  
ANTERIOR SEGMENTS:  
(RE):WNL (LE):WNL  
VISUAL ACUITY  
DISTANCE:WITH GLASS  
(RE):6/9 (LE):6/9 VISUAL  
ACUITY NEAR:WITH  
GLASS (RE):N8 (LE)N8  
SPECTACLE POWER: RE:  
+1.00/+1.00X180\*(6/6) LE:  
+1.00/+0.75X180\*(6/6) ADD:  
+2.50DSPH(N6)  
ADVICE:\*Glass Rx\*Review  
after 1yr/SOS

Printed By : Benazir Begaum

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**COMPLETE HAEMOGRAM**

Test Name	Result	Unit	Level	Range
Hemoglobin	14.3	g/dl	<span style="color: green;">●</span>	13.0-17.0
RBC COUNT	4.83	Million/ ul	<span style="color: green;">●</span>	4.5-5.5
Hematocrit - Hct:	43.0	%	<span style="color: green;">●</span>	41-53
MCV	89.0	fl	<span style="color: green;">●</span>	83-101
MCH	29.5	pg	<span style="color: green;">●</span>	27-32
MCHC	33.2	%	<span style="color: green;">●</span>	31.5-34.5
RDW	13.5	%	<span style="color: green;">●</span>	11.8-14.0
WBC Count	8200	/cu mm	<span style="color: green;">●</span>	4000-10000
Platelet Count	2.56	lacs/cu mm	<span style="color: green;">●</span>	1.5-4.0
Neutrophils	61	%	<span style="color: green;">●</span>	40-80
Lymphocytes	30	%	<span style="color: green;">●</span>	20-40
Monocytes	06	%	<span style="color: green;">●</span>	2-10
Eosinophils	03	%	<span style="color: green;">●</span>	01-06
Basophils	00	%	<span style="color: green;">●</span>	0-0
RBC:	Normocytic Normochromic cells			
Platelets:	Adequate.			

**ERYTHROCYTE SEDIMENTATION RATE (ESR)**

Test Name	Result	Unit	Level	Range
ERYTHROCYTE SEDIMENTATION RATE (ESR)	11	mm/1st hr	<span style="color: green;">●</span>	0-15

**URINE ROUTINE AND MICROSCOPY**

Test Name	Result	Unit	Level	Range
Volume:	60	mL		
Colour:	Pale Straw			
Appearance	Slightly Turbid			
Specific Gravity	1.015			
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:	B			
Rh (D) Type:	POSITIVE			

**ALT(SGPT) - SERUM**

Test Name	Result	Unit	Level	Range
ALT(SGPT) - SERUM	23	U/L	<span style="color: green;">●</span>	0-50

**ALBUMIN - SERUM**

Test Name	Result	Unit	Level	Range
ALBUMIN - SERUM	4.3	g/dL	<span style="color: green;">●</span>	3.5-5.1

**ALKALINE PHOSPHATASE - SERUM**

Test Name	Result	Unit	Level	Range
ALKALINE PHOSPHATASE - SERUM	120 *	U/L	<span style="color: red;">●</span>	43-115

**AST (SGOT) - SERUM**

Test Name	Result	Unit	Level	Range
AST (SGOT) - SERUM	27	U/L	<span style="color: green;">●</span>	0-50

**BILIRUBIN, TOTAL - SERUM**

Test Name	Result	Unit	Level	Range
BILIRUBIN TOTAL - SERUM	0.7	mg/dL	<span style="color: green;">●</span>	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 219 \* mg/dL Out of Range 0-200

Non-HDL Cholesterol 160

LDL CHOLESTEROL -SERUM 143 \* mg/dL Out of Range Optimal: <100

VLDL CHOLESTEROL - SERUM (Calculated) 17 mg/dL Within Normal Range 0-35

CREATININE - SERUM

Test Name Result Unit Level Range
CREATININE - SERUM 1.0 mg/dL Within Normal Range 0.9-1.3

GGTP: GAMMA GLUTAMYL TRANSPEPTIDASE - SERUM

Test Name Result Unit Level Range
GGTP: GAMMA GLUTAMYL TRANSPEPTIDASE - SERUM 60 \* U/L Out of Range 0-55

GLUCOSE - PLASMA (FASTING)

Test Name Result Unit Level Range
GLUCOSE - PLASMA (FASTING) 100 \* mg/dL Out of Range 70-99

GLUCOSE - PLASMA (POST PRANDIAL)

Test Name Result Unit Level Range
GLUCOSE - PLASMA (POST PRANDIAL) 115 mg/dL Within Normal Range 70-140

HBA1C (GLYCOSYLATED HAEMOGLOBIN)-WHOLE BLOOD

Test Name Result Unit Level Range
HBA1C (GLYCOSYLATED HAEMOGLOBIN)-WHOLE BLOOD 5.7 \* % Out of Range
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
TC/HDL-C ratio serum 4 \* Out of Range Optimal<3.5
HDL CHOLESTEROL - SERUM 59 mg/dL Within Normal Range 30-70

LDL CHOLESTEROL -SERUM

Test Name Result Unit Level Range

PROTEIN TOTAL - SERUM

Test Name Result Unit Level Range
PROTEIN TOTAL - SERUM 7.5 g/dL Within Normal Range 6.4-8.3
Albumin/Globulin Ratio 1.3 Within Normal Range 1.0-2.0
GLOBULIN: (CALCULATED) - SERUM 3.2 g/dL Within Normal Range 1.8-3.6

TOTAL T3: TRI IODOTHYRONINE - SERUM

Test Name Result Unit Level Range
TOTAL T3: TRI IODOTHYRONINE - SERUM (Chemiluminescence) 0.94 ng/ml Within Normal Range 0.87-1.78

TOTAL T4: THYROXINE - SERUM

Test Name Result Unit Level Range
TOTAL T4: THYROXINE - SERUM (Chemiluminescence) 6.94 µg/dL Within Normal Range 5.48-14.28

TRIGLYCERIDES - SERUM

Test Name Result Unit Level Range
TRIGLYCERIDES - SERUM 110 mg/dL Within Normal Range 0-150

TSH: THYROID STIMULATING HORMONE - SERUM

Test Name Result Unit Level Range
TSH: THYROID STIMULATING HORMONE - SERUM (Chemiluminescence) 2.86 µIU/mL Within Normal Range 0.38-5.33

URIC ACID - SERUM

Test Name Result Unit Level Range
URIC ACID - SERUM 6.3 mg/dL Within Normal Range 2.6-7.2

BILIRUBIN CONJUGATED (DIRECT) - SERUM

Test Name Result Unit Level Range

Legend: Green dot = Within Normal Range, Yellow dot = Borderline High/Low, Red dot = Out of Range


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BILIRUBIN 0.1 mg/dL  0.0-0.2  
CONJUGATED  
(DIRECT) - SERUM



\* Multiple cysts in liver and left kidney  
\* prostatomegaly.

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

Test Name	Result	Unit	Level	Range
PROSTATIC SPECIFIC ANTIGEN (PSA TOTAL) - SERUM (Chemiluminescence)	1.29	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)	7.9	mg/dL		7.0-18.0
UREA - SERUM	17	mg/dL		13-43

Dr. SANJIB MAJUMDAR  
MD (RADIOLOGIS) CONSULTANT RADIOLOGIST  
Reg. No. 56991 (WBMC)

### BUN/CREATININE RATIO

Test Name	Result	Unit	Level	Range
BUN/CREATININE RATIO	7.9			
BUN (BLOOD UREA NITROGEN)	7.9	mg/dL		7.0-18.0
UREA - SERUM	17	mg/dL		13-43
CREATININE - SERUM	1.0	mg/dL		0.9-1.3

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

### Biochemistry

A/G - RATIO

### CARDIOLOGY

TREADMILL TEST / STRESS TEST

### EKG

NORMAL SINUS RHYTHM, WITHIN NORMAL LIMITS.

### X-RAY CHEST PA

\* Chest skiagram does not reveal any significant abnormality.

Dr. MOURUSI MANDAL  
DNB RESIDENT  
In consultation with

Dr. SANJIB MAJUMDAR  
MD (RADIOLOGIS) CONSULTANT RADIOLOGIST  
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### ULTRASOUND SCREENING WHOLE ABDOMEN



Within Normal Range



Borderline High/Low



Out of Range

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**Printed By** :

**Dr.SUCHISMITA BHAUMIK**  
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

6

### ACCEPTABLE SCORE

8

#### 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**