Name	: Mr. SANJIB KUMAR BARUA (42 /M)	Date	: 10/02/2024

Address : SODEPUR, NORTH 24 PARGANAS, NORTH 24 PARGANAS, WEST BENGAL, INDIA

Examined by : Dr .SHARMISTHA MALLIK

UHID : AMHL.0002294088

Package : MEDIWHEEL - FULL BODY ANNUAL PLUS WITH TMT MALE HCK **AHC No :** AMHLAH195793

CHIEF COMPLAINTS

For corporate health checkup

PRESENT KNOWN ILLNESS

No history of — Diabetes mellitus, Hypertension, Dyslipidemia, Thyroid disorder, Heart disease, Asthma

DRUG ALLERGY

NO KNOWN ALLERGY :10/02/2024

SYSTEMIC REVIEW

Cardiovascular system

Chest pain - yes; Character - atypical; Lasts - for few minutes; Site of pain - central chest, upper back, upper chest(left)

Gastrointestinal system

- Nil Significant

Genitourinary system

- Nil Significant

Central nervous system

- Nil Significant

Eyes

- Nil Significant

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
No. of children	- 2
Diet	- Non Vegetarian
Alcohol	- consumes alcohol occasionally
Smoking	- No
Chews tobacco	- No
Physical activity	- Sedentary

Family history

Father	- has expired
Mother	- alive
Hypertension	- father,brother
Coronary artery disease	- none
Cancer	- None

PHYSICAL EXAMINATION

General

Height	- 170
Weight	- 79
BMI	- 27.34
Pallor	- No
Oedema	- no

Cardiovascular system

Heart rate (Per minute)	- 80
Rhythm	- Regular
	- B.P. Sitting
Systolic(mm of Hg)	- 160
Diastolic(mm of Hg)	- 100
Heart sounds	- S1S2+

Respiratory system

Breath sounds   - Normal vesicular breath
                               sounds

Abdomen

Organomegaly   - No
Tenderness   - No

Opthalmology consultation

Opthalmology findings   - UCVA:RE:6/9P LE:6/9
                               NVA:RE:N8 LE:N8
                               OCULAR MOVEMENT:WNL
                               ANT.SEG:WNL
                               ACCPT: SPECTACLE PWR
                               RE:-1.25DS(6/6)
                               LE:-1.75DS(6/6)
                               ADD(BE):+1.25DSPH(N6)
                               ADVICE:*Glass Rx.*Review
                               after 1yr/SOS

COMPLETE HAEMOGRAM PROFILE

Test Name	Result	Unit	Level	Range
Hemoglobin	16.2	g/dl	🟢	13.0-17.0
RBC COUNT	5.55 *	Million/ul	🔴	4.5-5.5
Hematocrit - Hct:	48.1	%	🟢	41-53
MCV	86.7	fl	🟢	83-101
MCH	29.2	pg	🟢	27-32
MCHC	33.7	%	🟢	31.5-34.5
RDW	12.7	%	🟢	11.8-14.0
WBC Count	8300	/cu mm	🟢	4000-10000
Platelet Count	3.27	lacs/cu mm	🟢	1.5-4.0
Neutrophils	68	%	🟢	40-80
Lymphocytes	22	%	🟢	20-40
Monocytes	06	%	🟢	2-10
Eosinophils	04	%	🟢	01-06
Basophils	00	%	🟢	0-0
RBC:	Normocytic Normochromic cells			
Platelets:	Adequate.			
ERYTHROCYTE SEDIMENTATION RATE (ESR)	01	mm/1st hr	🟢	0-15

URINE ROUTINE AND MICROSCOPY

Test Name	Result	Unit	Level	Range
Volume:	30	mL		
Colour:	Pale Straw			
Appearance	Slightly Turbid			
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			

LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
ALT(SGPT) - SERUM	16	U/L	🟢	0-50
ALBUMIN - SERUM	4.8	g/dL	🟢	3.5-5.1
ALKALINE PHOSPHATASE - SERUM	85	U/L	🟢	43-115
AST (SGOT) - SERUM	23	U/L	🟢	0-50
BILIRUBIN TOTAL - SERUM	0.7	mg/dL	🟢	0.3-1.2

LIPID PROFILE TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
CHOLESTEROL - SERUM	211 *	mg/dL	🔴	0-200

CREATININE - SERUM

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

LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range

🟢 Within Normal Range 🟡 Borderline High/Low 🔴 Out of Range

	Result	Unit	Level	Range
GGTP: GAMMA GLUTAMYL TRANSPEPTIDASE - SERUM	41	U/L	🟢	0-55

GLUCOSE - PLASMA (FASTING)

Test Name	Result	Unit	Level	Range
GLUCOSE - PLASMA (FASTING)	95	mg/dL	🟢	70-99

GLUCOSE - PLASMA (POST PRANDIAL)

Test Name	Result	Unit	Level	Range
GLUCOSE - PLASMA (POST PRANDIAL)	97	mg/dL	🟢	70-140

HBA1C (GLYCOSYLATED HAEMOGLOBIN)-WHOLE BLOOD

Test Name	Result	Unit	Level	Range
HBA1C (GLYCOSYLATED HAEMOGLOBIN)-WHOLE BLOOD	5.2	%	🟢	Nondiadetic : 4 - 5.6 % Prediabetics : 5.7 - 6.4% Diabetes : >/= 6.5% ADA Theraputic goal : <7%

LIPID PROFILE TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
HDL CHOLESTEROL - SERUM	43	mg/dL	🟢	30-70
LDL CHOLESTEROL -SERUM	157 *	mg/dL	🔴	Optimal: <100
VLDL CHOLESTEROL - SERUM (Calculated)	11	mg/dL	🟢	0-35

LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
PROTEIN TOTAL - SERUM	8.2	g/dL	🟢	6.4-8.3
GLOBULIN: (CALCULATED) - SERUM	3.4	g/dL	🟢	1.8-3.6

THYROID PROFILE - I(T3,T4 AND TSH)

Test Name	Result	Unit	Level	Range

	Result	Unit	Level	Range
TOTAL T3: TRI IODOTHYRONINE - SERUM	0.97	ng/ml	🟢	0.87-1.78
TOTAL T4: THYROXINE - SERUM	6.77	µg/dL	🟢	5.48-14.28

LIPID PROFILE TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
TRIGLYCERIDES - SERUM	172 *	mg/dL	🔴	0-150

THYROID PROFILE - I(T3,T4 AND TSH)

Test Name	Result	Unit	Level	Range
TSH: THYROID STIMULATING HORMONE - SERUM	2.08	µIU/mL	🟢	0.38-5.33

URIC ACID - SERUM

Test Name	Result	Unit	Level	Range
URIC ACID - SERUM	6.5	mg/dL	🟢	2.6-7.2

LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
BILIRUBIN CONJUGATED (DIRECT) - SERUM	0.1	mg/dL	🟢	0.0-0.2

PROSTATIC SPECIFIC ANTIGEN (PSA TOTAL) - SERUM

Test Name	Result	Unit	Level	Range
PROSTATIC SPECIFIC ANTIGEN (PSA TOTAL) - SERUM	0.63	ng/mL	🟢	0.00-6.50

BUN (BLOOD UREA NITROGEN)

Test Name	Result	Unit	Level	Range
BUN (BLOOD UREA NITROGEN)	10.9	mg/dL	🟢	7.0-18.0

LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
A/G - RATIO	1.4		🟢	1.0-2.0

BUN/CREATININE RATIO

Test Name	Result	Unit	Level	Range

🟢 Within Normal Range   🟡 Borderline High/Low   🔴 Out of Range

BUN/CREATININE RATIO	11.1

ECG

NORMAL SINUS RHYTHM, WITHIN NORMAL LIMITS.

TREADMILL TEST / STRESS TEST

STRESS TEST IS NEGATIVE FOR PROVOCABLE MYOCARDIAL ISCHAEMIA.

ULTRASOUND SCREENING WHOLE ABDOMEN

* Grade I fatty liver.

[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.

X-RAY CHEST PA

* No significant abnormality detected.

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

Printed By :

Dr.SHARMISTHA MALLIK

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	YOUR SCORE	ACCEPTABLE SCORE
Moderate Risk	6	5

Your likelihood of developing cardiovascular disease in the next ten years is 1.3 times higher than the people of 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**
- **It is recommended that you visit your physician every 6 months** if you have:
  - Uncontrolled high blood pressure, Diabetes, Dyslipidemia, Coronary heart disease

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