





TMT INVESTIGATION REPORT

Patient Name : Mr. SUBHASH CHAND

Location

: Ghaziabad

Age/Sex

: 45Year(s)/male

Visit No

: V0000000001-GHZB

MRN No

: GHZB-0000177739

Order Date

: 27/8/2022

Ref. Doctor : HCP

Report Date

: 27/8/2022

Protocol

: Bruce

MPHR

: 175BPM

Duration of exercise

: 6min 04sec

85% of MPHR

: 148BPM

Reason for termination : THR achieved

Peak HR Achieved : 163BPM

Blood Pressure (mmHg): Baseline BP: 118/72mmHg

Peak BP

% Target HR

METS

: 93%

: 134/80mmHg

: 7.0METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	74	118/72	Nil	No ST changes seen	Nil
STAGE 1	3:00	132	126/72	Nil	No ST changes seen	Nil
STAGE 2	3:00	161	134/80	Nil	No ST changes seen	Nil
STAGE 3	0:04	162	134/80	Nil	No ST changes seen	Nil
RECOVERY	3:04	101	120/76	Nil	No ST changes seen	Nil

COMMENTS:

- No ST changes in base line ECG.
- No ST changes at peak.
- No ST changes in recovery.
- Normal chronotropic response.
- Normal blood pressure response.
- Fair effort tolerance.

IMPRESSION:

Treadmill test is **negative** for exercise induced reversible myocardial ischemia.

Dr. Bhupendra Singh

Dr. Abhishek Singh

Dr. Sudhanshu Mishra

MD, DM (CARDIOLOGY), FACC MD, DNB (CARDIOLOGY), MNAMS MD

Sr. Consultant Cardiology

Sr.Consultant Cardiology

Cardiology Registrar

Page 1 of 2

Manipal Hospital, Ghaziabad

NH - 24, Hapur Road, Opp. Bahmeta Village, Ghaziabad, Uttar Pradesh - 201 002 P: 0120-616 5666

Manipal Health Enterprises Private Limited

CIN: U85110KA2003PTC033055

Regd. Off. The Annexe, #98/2, Rustom Bagh, Off. HAL Airport Road, Bengaluru - 560 017

HCMCT

ManipalHospitals



Name

: SUBHASH CHAND

Registration No

: MH010381982

Patient Episode

: R03000042631

Referred By Receiving Date : MANIPAL HOSPITALS GHAZIABAD

: 27 Aug 2022 14:13

Age

44 Yr(s) Sex :Male

Lab No

32220809445

Collection Date:

27 Aug 2022 14:06

Reporting Date:

27 Aug 2022 16:49

BIOCHEMISTRY

Test Name

Result

Unit

Biological Ref. Interval

TOTAL PSA, Serum (ECLIA)

0.439

ng/mL

[<2.500]

Note: PSA is a glycoprotein that is produced by the prostate gland. Normally, very little PSA is secreted in the blood. Increases in glandular size and tissue damage caused by BPH, prostatitis, or prostate cancer may increase circulating PSA levels.

Caution : Serum markers are not specific for malignancy, and values may vary by method.

Immediate PSA testing following digital rectal examination, ejaculation, prostate massage urethral instrumentation, prostate biopsy may increase PSA levels.

Some patients who have been exposed to animal antigens, may have circulating anti-animal antibodies present. These antibodies may interfere with the assay reagents to produce unreliable results.

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-----END OF REPORT-----

Dr. Neelam Singal
CONSULTANT BIOCHEMISTRY

HCMCT

ManipalHospitals



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BIOCHEMISTRY

THYROID PROFILE, Serum

[0.70-2.04]T3 - Triiodothyronine (ECLIA) nq/ml T4 - Thyroxine (ECLIA) 8.95 micg/dl [4.60-12.00] [0.340-4.250] Thyroid Stimulating Hormone (ECLIA) uIU/mL 2.610

Note: TSH levels are subject to circadian variation, reaching peak levels between 2-4.a.m. and at a minimum between 6-10 pm. Factors such as change of seasons hormonal fluctuations, Ca or Fe supplements, high fibre diet, stress and illness affect TSH results.

- * References ranges recommended by the American Thyroid Association
- 1) Thyroid. 2011 Oct; 21(10):1081-125.PMID .21787128
- 2) http://www.thyroid-info.com/articles/tsh-fluctuating.html

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----END OF REPORT-----

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY



LIFE'S'ON

LABORATORY REPORT

Name	SUBHASH CHAND	Age	44y 10m 26d	Gender	MALE
varrie	GHZB-0000177739	Visit No	V0000000001-GHZB		
1101	G000327188	Collected On	27/08/2022 9:31AM	Received On	27/08/2022 9:37AM
	Deepak Verma	Reported On	27/08/2022 11:52AM		

		Result	Criticality Biological Factor Reference Interval	Test Method
K	IDNEY FUNCTION TESTS (Seru	m)		
	UREA	23.4 mg/dl	15 - 40 mg/dl	
	CREATININE, SERUM	0.86 mg/dl	0.7 - 1.2 mg/dl	en e
	URIC ACID	5.3 mg/dl	4 - 8.5 mg/dl	
	SODIUM, SERUM	137.7 mmol/L	136 - 144 mmol/ L	March and a colonia and colonia.
	POTASSIUM, SERUM	4.56 mmol/L	3.6 - 5.1 mmol/L	
	CHLORIDE, SERUM	108.1 mmol/L	101 - 111 mmol/L	
	LIPID PROFILE (Serum)			
	CHOLESTEROL, TOTAL	158 mg/dl	Upto 200 mg/dl	acesarines in the later and delegated the later
)	TRIGLYCERIDES, SERUM	69 mg/dl	Upto 150 mg/dl	
	CHOLESTEROL, HDL, DIRECT	47 mg/dl	35 - 65 mg/dl	ggildelesif si bergerendi page a si Silosymplatiga ann yanka yanka yang
	CHOLESTEROL, LDL, DIRECT	97 mg/dl	0 -120 mg/dl	The gradual fittered sequence of the control of the
	Cholesterol, VLDL	14 mg/dl	0 - 35 mg/dl	
	LIVER FUNCTION TESTS (Seru	ım)		
	BILIRUBIN, TOTAL	1.11 mg/dl	0.3 -1.2 mg/dl	Table 1 (Fig. 1) Sales of Rostland
	BILIRUBIN, DIRECT	0.23 mg/dl	0 - 0.3 mg/dl	
	Report Printed On: 29/8/2022	8:59AM		Page 4 of 5

MANIPAL HOSPITALS NH-24, Hapur Road, Near Landcraft Golflinks, Ghaziabad - 201002 www.manipalhospitals.com



LIFE'S'ON

LABORATORY REPORT

SQL (A SQL)	SUBHASH CHAND	Age	44y 10m 26d	Gender	MALE
Varie	GHZB-0000177739	Visit No	V0000000001-GHZB		
- I II I	G000327188	Collected On	27/08/2022 9:31AM	Received On	27/08/2022 9:37AM
Lub III	Deepak Verma	Reported On	27/08/2022 11:52AM		

Test Name Indirect Bilirubin	Result 0.88	Criticality Biological Factor Reference Interval 0.1 - 0.3 mg/dl	Test Method
TOTAL PROTEIN, SERUM	7.6 g/dl	6.6 - 8.7 g/dl	
ALBUMIN, SERUM	4.70 g/dl	3.5 - 5.2 gm/dl	e v kreitori sensat et rikbi matikakin umera yikasi ses
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	1.62	1:1 - 2.5:1	
GLOBULIN, SERUM	2.9		
SGPT	85 IU/L	17 - 63 IU/L	
SGOT	52 IU/L	0 - 40 IU/L	
GGTP, GGT, GAMMA GT,	38 IU/L	7 -50 U/L	
GAMMA GLUTAMYL TRANSPEPTIDASE			
ALKALINE PHOSPHATASE, ALP	103 IU/L	32 -91 IU/L	
ALIVILITE THOS. THE		******* END OF REPORT *******	Regionason No. 42422

Processed by :- AVNEESH KUMAR

DR CHARU AGARWAL CONSULTANT PATHOLOGIST Pathologist

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LABORATORY REPORT

		Gender MALE
Marine	SUBHASH CHAND GHZB-0000177739	Age
Lab No	G000327187	Collected On 27/08/2022 9:30AM Received On 27/08/2022 10:16AM
Referred I	By Deepak Verma	Criticality Biological Test Method

Criticality Reference Interval Factor Result 70 - 110 mg/dl **Test Name** 108 mg/dl GLUCOSE, FASTING (F) (Serum Fasting)

****** END OF REPORT ********

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Registration No. 42422 DR CHARU AGARWAL

CONSULTANT PATHOLOGIST Pathologist

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8:59AM

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LABORATORY REPORT

Name	SUBHASH CHAND	Age	44y 10m 26d	Gender	MALE
MRN	GHZB-0000177739	Visit No	V0000000001-GHZB		Prophenic of the State of
Lab No	G000327268	Collected On	27/08/2022 2:16PM	Received On	27/08/2022 2:16PM
Referred By	Deepak Verma	Reported On	27/08/2022 2:44PM		

Test Name

Result

Criticality Biological
Factor Reference Interval

Test Method

GLUCOSE, POST PRANDIAL (PP), 2 HOURS (Serum Post Prandial)

101 mg/dl

80 -140 mg/dl

****** END OF REPORT *******

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29/8/2022

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DR ALKA DIXIT VATS
CONSULANT PATHOLOGIST

PATHOLOGIST

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LABORATORY REPORT

Name	SUBHASH CHAND	Age	44y 10m 26d	Gender	MALE
MRN	GHZB-0000177739	Visit No	V0000000001-GHZB		
1 11 (1 -	G000327231	Collected On	27/08/2022 11:56AM	Received On	27/08/2022 11:56AM
BLASSEL BLASS	Deepak Verma	Reported On	27/08/2022 2:45PM		· ·

Criticality Biological Factor Reference Interval

Test Name

Result

1.020

URINE EXAMINATION, ROUTINE (Urine)

PHYSICAL EXAMINATION

Colour P.YELLOW
Appearance CLEAR
pH 5.0

Specific gravity

CHEMICAL EXAMINATION
Glucose
Protein
Ketone bodies
Urobilinogen

Nil
Absent
Absent
Absent

MICROSCOPIC EXAMINATION

Leukocytes 1-2/HPF
Erythrocytes NIL
Epithelial Cells 1-2/HPF
Casts NIL
Crystals
Others NIL
NIL

****** END OF REPORT ********

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DR ALKA DIXIT VATS
CONSULANT PATHOLOGIST
PATHOLOGIST

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This report is subject to the terms and conditions mentioned overleaf

Name	SUBHASH CHAND	Age	44y 10m 26d	Gender	MALE
MRN	GHZB-0000177739	Visit No	V0000000001-GHZB		
Lab No	G000327188	Collected On	27/08/2022 9:31AM	Received On	27/08/2022 9:37AM
Referred By	Deepak Verma	Reported On	27/08/2022 4:27PM		

Test Name

Result

Criticality Factor

Biological Reference Interval

BLOOD GROUP (A, B, O) AND RH FACTOR WITH REVERSE GROUPING (Whole Blood)

BLOOD GROUPING

"А"

RH TYPING

POSITIVE

ESR (WESTERGREN), AUTOMATED ERYTHROCYTE

06 mm/1st hour

0 - 15 mm/Hr

SEDIMENTATION RATE

****** END OF REPORT *******

Processed by :- DEEPTI KUMARI

ON CY 39093

DR ALKA DIXIT VATS

CONSULANT PATHOLOGIST

PATHOLOGIST

Name	SUBHASH CHAND	Age	44y 10m 26d	Gender	MALE
MRN	GHZB-0000177739	Visit No	V0000000001-GHZB		
Lab No	G000327188	Collected On	27/08/2022 9:31AM	Received On	27/08/2022 9:37AM
Referred By	Deepak Verma	Reported On	27/08/2022 10:08AM		

Test Name	Result	Criticality Factor	Biological Reference Interval
HEMOGLOBIN, HB	14.1 g/dl		12 - 16 gm/ dl
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC	34.3 g/dl		33 - 36%
MEAN CORPUSCULAR HAEMOGLOBIN, MCH	35.1 pg		26 -34 pg
MEAN CORPUSCULAR VOLUME, MCV	102.2 fl		77 - 97 fl
PLATELET COUNT	183 x103 cells/ Cumm		150x10^3 - 400x10^3 cells/cumm
RED BLOOD CELLS, RBC COUNT	4.02 million/cu mm		3.8 - 5.3 millions /cumm
RED CELL DISTRIBUTION WIDTH, RDW	14.2 %		11.5 - 14.5 %
LEUCOCYTE COUNT, TOTAL (TLC), AUTOMA	TED 6.41 x10 ³ cells/ Cumm		4x10^3 - 11x10^3 cells/cumm
HEMATOCRIT (HCT)	41.1 %		34 -45%
BASOPHILS	00 %		0 - 2%
EOSINOPHILS	01 %	L	2 -7 %
LYMPHOCYTES	29 %		17 - 45 %
MONOCYTES	06 %		4 -13%
NEUTROPHILS	64 %		40 - 80%
	********* END OF REPORT ********	DĪ	Registration of the USU 22 R CHARU AGARWAL

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DR CHARU AGARWAL CONSULTANT PATHOLOGIST Pathologist

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Name	SUBHASH CHAND	Age	44y 10m 26d	Gender	MALE
MRN	GHZB-0000177739	Visit No	V0000000001-GHZB		
Lab No	G000327188	Collected On	27/08/2022 9:31AM	Received On	27/08/2022 9:3 7A M
Referred By	Deepak Verma	Reported On	27/08/2022 4:16PM		

Test Name

Result

Criticality Biological Factor Reference Interval

Test Method

HBA1C (Whole Blood)

5.3 %

Normal: < or = 5.6 % Increased risk for Diabetes (Pre-diabetes): 5.7 – 6.4 % Diabetes: > or = 6.5 % If you are a Diabetic, please consult your doctor for your

HbA1c target.

******** END OF REPORT ********

1001-31092

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DR AL**KA DIXIT VATS**CONSULANT PATHOLOGIST
PATHOLOGIST



RADIOLOGY REPORT

Name	SUBHASH CHAND	Modality	US
Patient ID	GHZB-0000177739	Accession No	1132622
Gender/Age	M / 44Y 10M 26D	Scan Date	27-08-2022 12:50:56
Ref. Phys	Dr. Deepak Verma	Report Date	27-08-2022 14:43:56

USG ABDOMEN & PELVIS

FINDINGS

LIVER: appears normal in size (measures 150 mm) and shape but shows diffuse increase in liver echotexture, in keeping with diffuse grade I fatty infiltration. Rest normal.

SPLEEN: Spleen is normal in size (measures 126 mm), shape and echotexture. Rest normal.

PORTAL VEIN: Appears normal in size and measures 12.3 mm.

COMMON BILE DUCT: Appears normal in size and measures 3.8 mm.

IVC, HEPATIC VEINS: Normal. BILIARY SYSTEM: Normal.

GALL BLADDER: Gall bladder is well distended. Wall thickness is normal and lumen is echofree. Rest normal.

PANCREAS: Pancreas is normal in size, shape and echotexture. Rest normal.

KIDNEYS: Bilateral kidneys are normal in size, shape and echotexture. Cortico-medullary differentiation is maintained.

Rest normal.

Right Kidney: measures 104 x 35 mm. Left Kidney: measures 118 x 47 mm. PELVI-CALYCEAL SYSTEMS: Compact.

NODES: Not enlarged. FLUID: Nil significant.

URINARY BLADDER: Urinary bladder is well distended. Wall thickness is normal and lumen is echofree. Rest normal. PROSTATE: Prostate is normal in size, shape and echotexture. It measures $44 \times 33 \times 26$ mm with volume 20 cc. Rest normal.

SEMINAL VESICLES: Normal.

BOWEL: Visualized bowel loops appear normal.

IMPRESSION

-Diffuse grade I fatty infiltration in liver.

Recommend clinical correlation.

Dr. Prabhat Prakash Gupta,

MBBS, DNB, MNAMS, FRCR(I)

Consultant Radiologist, Reg no DMC/R/14242



RADIOLOGY REPORT

Name	SUBHASH CHAND	Modality	US
Patient ID	GHZB-0000177739	Accession No	1132622
Gender/Age	M / 44Y 10M 26D	Scan Date	27-08-2022 12:50:56
Ref. Phys	Dr. Deepak Verma	Report Date	27-08-2022 14:43:56



RADIOLOGY REPORT

Name	SUBHASH CHAND	Modality	DX
Patient ID	GHZB-0000177739	Accession No	1132623
Gender/Age	M / 44Y 10M 26D	Scan Date	27-08-2022 09:45:09
Ref. Phys	Dr. Deepak Verma	Report Date	27-08-2022 15:44:41

XR- CHEST PA VIEW

FINDINGS:

LUNGS: Normal. TRACHEA: Normal. PLEURA: Normal. HEART: Normal.

PULMONARY HILA: Normal.

AORTA: Normal.

OTHER VISUALIZED BONES: Normal. VISUALIZED SOFT TISSUES: Normal.

DIAPHRAGM: Normal.

VISUALIZED ABDOMEN: Normal.

IMPRESSION

XR- CHEST PA VIEW

Normal study.

Clinical correlation is recommended and further evaluation, as clinically indicated.

Dr. Prakash Naik, MBBS, DMRD, FRCR [UK],

Consultant Radiologist, Reg No 63755