



TMT INVESTIGATION REPORT

Patient Name : Mrs. CHANCHAL TYAGI	Location	: Ghaziabad
Age/Sex : 39Year(s)/Female	Visit No	: V0000000001-GHZZB
MRN No : GHZZB-0000179374	Order Date	: 01/10/2022
Ref. Doctor : HCP	Report Date	: 01/10/2022

Protocol : Bruce **MPHR** : 181BPM
Duration of exercise : 10min 19sec **85% of MPHR** : 153BPM
Reason for termination : THR achieved **Peak HR Achieved** : 153BPM
Blood Pressure (mmHg) : Baseline BP : 126/74mmHg **% Target HR** : 85%
Peak BP : 146/78mmHg **METS** : 12.4METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	63	126/74	Nil	No ST changes seen	Nil
STAGE 1	3:00	94	134/74	Nil	No ST changes seen	Nil
STAGE 2	3:00	118	140/74	Nil	No ST changes seen	Nil
STAGE 3	3:00	127	146/78	Nil	No ST changes seen	Nil
STAGE 4	1:19	153	146/78	Nil	No ST changes seen	Nil
RECOVERY	3:03	90	130/74	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.
- Good effort tolerance.

IMPRESSION:

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

Dr. Bhupendra SinghMD, DM (CARDIOLOGY), FACC
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Sr. Consultant Cardioloav**Dr. Sudhanshu Mishra**MD
Cardioloav Reaistrar

RADIOLOGY REPORT

Name	CHANCHAL TYAGI	Modality	US
Patient ID	GHZB-0000179374	Accession No	1145969
Gender / Age	F / 37Y 6M 7D	Scan Date	01-10-2022 12:34:59
Ref. Phys	Dr. Deepak Verma	Report Date	01-10-2022 13:19:58

USG A ABDOMEN & PELVIS

FINDINGS

The patient has a high body mass index and excessive bowel echoes are seen all over the abdomen obscuring the details. Hence suboptimal study is possible.

LIVER: is enlarged in size (measures 154 mm) and shape but shows diffuse increase in liver echotexture, in keeping with diffuse grade II fatty infiltration. Rest normal.

SPLEEN: Spleen is normal in size (measures 68 mm), shape and echotexture. Rest normal.

PORTAL VEIN: Appears normal in size and measures 11.5 mm.

COMMON BILE DUCT: Appears normal in size and measures 3.6 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 95 x 43 mm.

Left Kidney: measures 95 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.

UTERUS: Uterus is anteverted, normal in size (measures 79 x 54 x 35 mm), shape. The endomyometrial junction is not completely delineated.

Cervix appears normal.

OVARIES: Right ovary is normal in size (measures 30 x 29 x 14 mm with volume 6.4 cc), shape and echotexture. Rest normal.

Left ovary is seen in pouch of douglas, It appears hypoechoic and measures 26 x 24 x 19 mm with volume 6.5 cc.

BOWEL: Visualized bowel loops appear normal.

IMPRESSION

-Diffuse grade II fatty infiltration in liver.

-The endomyometrial junction is not completely delineated (ADV: US-TVS for better assessment of uterus and bilateral adnexa.)

Recommend clinical correlation.

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Dr. Prabhat Prakash Gupta,
MBBS, DNB, MNAMS, FRCR(I)
Consultant Radiologist, Reg no DMC/R/14242

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RADIOLOGY REPORT

Name	CHANCHAL TYAGI	Modality	DX
Patient ID	GHZB-0000179374	Accession No	1145970
Gender/Age	F / 37Y 6M 7D	Scan Date	01-10-2022 07:35:32
Ref. Phys	Dr. Deepak Verma	Report Date	01-10-2022 10:21:56

XR- CHEST PA VIEW

FINDINGS:

LUNGS: Normal.
 TRACHEA: Normal.
 CARINA: Normal.
 RIGHT AND LEFT MAIN BRONCHI: Normal.
 PLEURA: Normal.
 HEART: Normal.
 RIGHT HEART BORDER: Normal.
 LEFT HEART BORDER: Normal.
 PULMONARY BAY: Normal.
 PULMONARY HILA: Normal.
 AORTA: Normal.
 THORACIC SPINE: Normal.
 OTHER VISUALIZED BONES: Normal.
 VISUALIZED SOFT TISSUES: Normal.
 DIAPHRAGM: Normal.
 VISUALIZED ABDOMEN: Normal.
 VISUALIZED NECK: Normal.

IMPRESSION:

XR- CHEST PA VIEW

No significant abnormality seen.

Please correlate clinically

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LABORATORY REPORT

Name	CHANCHAL TYAGI	Age	37y 6m 9d	Gender	FEMALE
MRN	GHZB-0000179374	Visit No	V0000000001-GHZB		
Lab No	G000331223	Collected On	01/10/2022 7:22AM	Received On	01/10/2022 7:22AM
Referred By	Deepak Verma	Reported On	01/10/2022 10:02AM		

Test Name	Result	Criticality Factor	Biological Reference Interval
BLOOD GROUP (A, B, O) AND RH FACTOR WITH REVERSE GROUPING (Whole Blood)			
BLOOD GROUPING	"B"		
RH TYPING	POSITIVE		
ESR (WESTERGREIN),AUTOMATED ERYTHROCYTE SEDIMENTATION RATE	35 mm/1st hour		0 - 20 mm/Hr
HEMOGLOBIN, HB	12.3 g/dl		12 - 16 gm/ dl
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC	31.8 g/dl		33 - 36%
MEAN CORPUSCULAR HAEMOGLOBIN, MCH	27.6 pg		26 -34 pg
MEAN CORPUSCULAR VOLUME, MCV	86.8 fl		77 - 97 fl
PLATELET COUNT	235 x10 ³ cells/ Cumm		150x10 ³ - 400x10 ³ cells/cumm
RED BLOOD CELLS, RBC COUNT	4.46 million/cu mm		3.8 - 5.3 millions /cumm
RED CELL DISTRIBUTION WIDTH, RDW	13.8 %		11.5 - 14.5 %
LEUCOCYTE COUNT, TOTAL (TLC), AUTOMATED	6.03 x10 ³ cells/ Cumm		4x10 ³ - 11x10 ³ cells/cumm
HEMATOCRIT (HCT)	38.7 %		34 -45%
BASOPHILS	00 %		
EOSINOPHILS	03 %		2 -7 %
LYMPHOCYTES	48 %	H	17 - 45 %
MONOCYTES	06 %		4 -13%
NEUTROPHILS	43 %		40 - 80%

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Lab No	G000331223	Collected On	01/10/2022 7:22AM	Received On	01/10/2022 7:22AM
Referred By	Deepak Verma	Reported On	01/10/2022 9:56AM		

Test Name

Result

Criticality
Factor

Biological
Reference Interval

..... END OF REPORT

Processed by :- SHAHRUKH KHAN

Dr. Charu Agarwal
Registration No: 410422
DR CHARU AGARWAL
CONSULTANT PATHOLOGIST
Pathologist

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Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
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KIDNEY FUNCTION TESTS (Serum)

UREA	17.2 mg/dl		15 - 40 mg/dl	
CREATININE, SERUM	0.73 mg/dl		0.7 - 1.2 mg/dl	
URIC ACID	5.2 mg/dl		4 - 8.5 mg/dl	
SODIUM, SERUM	137.3 mmol/L		136 - 144 mmol/ L	
POTASSIUM, SERUM	4.69 mmol/L		3.6 - 5.1 mmol/L	
CHLORIDE, SERUM	102.8 mmol/L		101 - 111 mmol/L	

LIPID PROFILE (Serum)

CHOLESTEROL, TOTAL	250 mg/dl		Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	136 mg/dl		Upto 150 mg/dl	
CHOLESTEROL, HDL, DIRECT	45 mg/dl		35 - 65 mg/dl	
CHOLESTEROL, LDL, DIRECT	133 mg/dl		0 -120 mg/dl	
Cholesterol, VLDL	27 mg/dl		0 - 35 mg/dl	

LIVER FUNCTION TESTS (Serum)

BILIRUBIN, TOTAL	0.45 mg/dl		0.3 -1.2 mg/dl	
BILIRUBIN, DIRECT	0.06 mg/dl		0 - 0.3 mg/dl	

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Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
Indirect Bilirubin	0.39		0.1 - 0.3 mg/dl	
TOTAL PROTEIN, SERUM	7.4 g/dl		6.6 - 8.7 g/dl	
ALBUMIN, SERUM	4.34 g/dl			
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	1.42		1:1 - 2.5:1	
GLOBULIN, SERUM	3.1			
SGPT	27 IU/L		14 - 54 IU/L	
SGOT	21 IU/L		0 - 40 IU/L	
GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE	18 IU/L		7 - 50 U/L	
ALKALINE PHOSPHATASE, ALP	59 IU/L		32 - 91 IU/L	

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

Processed by :- SHAHRUKH KHAN

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DR CHARU AGARWAL
CONSULTANT PATHOLOGIST
Pathologist

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Referred By	Deepak Verma	Reported On	01/10/2022 10:03AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, FASTING (F) (Serum Fasting)	101 mg/dl		70 - 110 mg/dl	

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

Processed by :- SHAHRUKH KHAN

Charu
Registration No: 45422
DR CHARU AGARWAL
CONSULTANT PATHOLOGIST
Pathologist

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Name	CHANCHAL TYAGI	Age	37y 6m 9d	Gender	FEMALE
MRN	GHZB-0000179374	Visit No	V0000000001-GHZB		
Lab No	G000331224	Collected On	01/10/2022 7:29AM	Received On	01/10/2022 7:29AM
Referred By	Deepak Verma	Reported On	01/10/2022 10:07AM		

Test Name	Result	Criticality Factor	Biological Reference Interval
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URINE EXAMINATION, ROUTINE (Urine)

PHYSICAL EXAMINATION

Colour	P.YELLOW
Appearance	S.TURBID
pH	5.0
Specific gravity	1.025

CHEMICAL EXAMINATION

Glucose	Nil
Protein	Absent
Ketone bodies	Absent
Urobilinogen	Absent

MICROSCOPIC EXAMINATION

Leukocytes	5-6/HPF
Erythrocytes	NIL
Epithelial Cells	2-3/HPF
Casts	NIL
Crystals	NIL
Others	NIL

..... END OF REPORT

Processed by :- SHAHRUKH KHAN

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Pathologist

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Name : MRS CHANCHAL TYAGI Age : 37 Yr(s) Sex :Female
 Registration No : RH1523631 RefHosp No. : GHZB-179374 Lab No : 32221000278
 Patient Episode : R03000044203 Collection Date : 01 Oct 2022 13:37
 Referred By : MANIPAL HOSPITALS GHAZIABAD Reporting Date : 01 Oct 2022 14:09
 Receiving Date : 01 Oct 2022 13:38

BIOCHEMISTRY

THYROID PROFILE, Serum

T3 - Triiodothyronine (ECLIA)	0.96	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	6.53	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	2.510	uIU/mL	[0.340-4.250]

Pregnancy TSH:1st Trimester:0.6 - 3.4 micIU/mL
 Pregnancy TSH:2nd Trimester:0.37 - 3.6 micIU/mL
 Pregnancy TSH:3rd Trimester:0.38 - 4.04 micIU/mL

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-----

Neelam Singal

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