manipal hospitals





TMT INVESTIGATION REPORT

Patient Name: Mrs. KHUSHBOO PANDEY

Location

: Ghaziabad

Age/Sex

: 34Year(s)/Female

Visit No

: V0000000001-GHZB

MRN No

: GHZB-0000174786

Order Date

: 18/6/2022

Ref. Doctor : HCP

Report Date

: 18/6/2022

Protocol

: Bruce

MPHR

: 188BPM

Duration of exercise

: 5min 00sec

85% of MPHR

: 159BPM

Reason for termination : THR achieved

Peak HR Achieved : 167BPM % Target HR

: 88%

Blood Pressure (mmHg): Baseline BP: 124/80mmHg

Peak BP

: 140/80mmHg

METS

: 7.0METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	75	124/80	Nil	No ST changes seen	Nil
STAGE 1	3:00	145	130/80	Nil	No ST changes seen	Nil
STAGE 2	2:00	167	140/84	Nil	No ST changes seen	Nil
RECOVERY	3:01	104	128/84	Nil	No ST changes seen	Nil

COMMENTS:

- No ST changes in base line ECG.
- No ST changes during exercise & 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

Sr. Consultant Cardiology

Dr. Abbishek Singh

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

Sr.Consultant Cardiology

Dr. Sudhanshu Mishra

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

Livery state in

Manipal Health Enterprises Private Limited

CIN: U85110KA2003PTC033055

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



Name	KHUSHBOO PANDEY	Modality	DX
Patient ID	GHZB-0000174786	Accession No	1107920
Gender/Age	F7 34Y 1M 9D	Scan Date	18-06-2022 10:39:21
Ref. Phys	Dr. Deepak Verma	Report Date	18-06-2022 17:54:39

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: Normal Chest X-ray

Recommend clinical correlation and follow up.

Dr. jaihari Agarwal, MD, Consultant Radiologist, Reg No 51570



Name	KHUSHBOO PANDEY	Modality	US
Patient ID	GHZB-0000174786	Accession No	1107930
Gender/Age	F / 34Y 1M 9D	Scan Date	18-06-2022 12:39:43
Ref. Phys	Dr. Deepak Verma	Report Date	18-06-2022 13:39:31

Millian

Dr. Monica Shekhawat, MBBS, DNB, Consultant Radiologist, Reg No MCI 11 10887



Name	KHUSHBOO PANDEY	Modality	US
Patient ID	GHZB-0000174786	Accession No	1107930
Gender/Age	F / 34Y 1M 9D	Scan Date	18-06-2022 12:39:43
Ref. Phys	Dr. Deepak Verma	Report Date	18-06-2022 13:39:31

USG ABDOMEN & PELVIS

FINDINGS

LIVER: appears normal in size (measures 145 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 92 mm), shape and echotexture. Rest normal.

PORTAL VEIN: Appears normal in size and measures 9.6 mm.

COMMON BILE DUCT: Appears normal in size and measures 4.4 mm.

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

GALL BLADDER: not seen (surgically removed ; post cholecystectomy status). 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 98 x 40 mm. Left Kidney: measures 97 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 83 x 48 x 43 mm), shape and echotexture.

Endometrial thickness measures 5.3 mm. Cervix appears normal.

OVARIES: Both ovaries are normal in size, shape and echotexture. Rest normal.

Right ovary measures $27 \times 23 \times 11$ mm with volume 3.6 cc. Left ovary measures $21 \times 19 \times 18$ mm with volume 3.8 cc.

BOWEL: Visualized bowel loops appear normal.

IMPRESSION

-Diffuse grade I fatty infiltration in liver.

Recommend clinical correlation.



Name	KHUSHBOO PANDEY	Age	34y 1m 9d	Gender	FEMALE
MRN	GHZB-0000174786	Visit No	V000000001-GHZB	*	
Lab No	G000320045	Collected On	18/06/2022 10:22AM	Received On	18/06/2022 10:34AM
Referred By	Deepak Verma	Reported On	18/06/2022 12:19PM		

Test Name Result

Criticality Biological Factor Reference Interval

Test Method

GLUCOSE, FASTING (F) (Serum Fasting)

95 mg/dl

70 - 110 mg/dl

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

Processed by :- DEEPTI KUMARI

Region and 49422

DR CHARU AGARWAL

CONSULTANT PATHOLOGIST

Pathologist

Report Printed On:

20/6/2022

9:23AM



Name	KHUSHBOO PANDEY	Age	34y 1m 9d	Gender	FEMALE
MRN	GHZB-0000174786	Visit No	V000000001-GHZB		-
Lab No	G000320106	Collected On	18/06/2022 3:16PM	Received On	18/06/2022 3:19PM
Referred By	Deepak Verma	Reported On	18/06/2022 4:55PM		

Test Name

Result

Criticality **Factor**

Biological Reference Interval

Test Method

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

Processed by :- DEEPTI KUMARI

145 mg/dl

80 -140 mg/dl

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

DR ALKA DIXIT VATS

CONSULANT PATHOLOGIST **PATHOLOGIST**

Report Printed On: 20/6/2022

9:24AM



Name	KHUSHBOO PANDEY	Age	34y 1m 9d	Gender	FEMALE
MRN	GHZB-0000174786	Visit No	V0000000001-GHZB	* 0	
Lab No	G000320046	Collected On	18/06/2022 10:22AM	Received On	18/06/2022 10:34AM
Referred By	Deepak Verma	Reported On	18/06/2022 5:06PM		a

Test Name

Result

Criticality

Biological Reference Interval

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

BLOOD GROUPING

"AB"

RH TYPING

POSITIVE

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

Processed by :- DEEPTI KUMARI

CONSULANT PATHOLOGIST **PATHOLOGIST**

Report Printed On:

20/6/2022

9:24AM



Name	KHUSHBOO PANDEY	Age	34y 1m 9d	Gender	FEMALE
MRN	GHZB-0000174786	Visit No	V0000000001-GHZB		2
Lab No	G000320046	Collected On	18/06/2022 10:22AM	Received On	18/06/2022 10:34AM
Referred By	Deepak Verma	Reported On	18/06/2022 12:19PM		

	Test Name COMPLETE BLOOD COUNT (CBC) (Whole Blood)	Result	Criticality Factor	Biological Reference Interval
	HEMOGLOBIN, HB	11.7 g/dl		12 - 16 gm/ dl
	MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC	32.9 g/dl		33 - 36%
	MEAN CORPUSCULAR HAEMOGLOBIN, MCH	26.5 pg		26 -34 pg
	MEAN CORPUSCULAR VOLUME, MCV	80.5 fl		77 - 97 fl
	PLATELET COUNT	175 x10 ³ cells/ Cumm		150x10^3 - 400x10^3 cells/cumm
	RED BLOOD CELLS, RBC COUNT	4.42 million/cu mm		3.8 - 5.3 millions /cumm
	RED CELL DISTRIBUTION WIDTH, RDW	14.3 %		11.5 - 14.5 %
	LEUCOCYTE COUNT, TOTAL (TLC), AUTOMATED	6.81 x10 ³ cells/ Cumm		4x10^3 - 11x10^3 cells/cumm
	HEMATOCRIT (HCT)	35.6 %		34 -45%
	BASOPHILS	00 %		
	EOSINOPHILS	03 %		2 -7 %
	LYMPHOCYTES	30 %		17 - 45 %
	MONOCYTES	05 %		4 -13%
	NEUTROPHILS	62 %		40 - 80%
Pl	********* ENI rocessed by :- DEEPTI KUMARI	D OF REPORT *******	DR	CHARU AGARWAL ISULTANT PATHOLOGIST

Pathologist

Report Printed On:

20/6/2022

9:24AM

Page 2 of 4



Name	KHUSHBOO PANDEY	Age	34y 1m 9d	Gender	FEMALE
MRN	GHZB-0000174786	Visit No	V000000001-GHZB		
Lab No	G000320046	Collected On	18/06/2022 10:22AM	Received On	18/06/2022 10:34AM
Referred By	Deepak Verma	Reported On	18/06/2022 12:19PM		

Test Name KIDNEY FUNCTION TESTS (Se	Result rum)	Criticality Biological Factor Reference Interval	Test Method
UREA	15.4 mg/dl	15 - 40 mg/dl	
CREATININE, SERUM	0.83 mg/dl	0.7 - 1.2 mg/dl	
URIC ACID	4.1 mg/dl	4 - 8.5 mg/dl	
SODIUM, SERUM	136.7 mmol/L	136 - 144 mmol/ L	
POTASSIUM, SERUM	4.05 mmol/L	3.6 - 5.1 mmol/L	
CHLORIDE, SERUM LIPID PROFILE (Serum)	104.4 mmol/L	101 - 111 mmol/L	
CHOLESTEROL, TOTAL	147 mg/dl	Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	73 mg/dl	Upto 150 mg/dl	
CHOLESTEROL, HDL, DIRECT	57 mg/dl	35 - 65 mg/dl	
CHOLESTEROL, LDL, DIRECT	75 mg/dl	0 -120 mg/dl	
Cholesterol, VLDL LIVER FUNCTION TESTS (Seru	15 mg/dl m)	0 - 35 mg/dl	
BILIRUBIN, TOTAL	0.90 mg/dl	0.3 -1.2 mg/dl	
BILIRUBIN, DIRECT	0.22 mg/dl	0 - 0.3 mg/dl	
Report Printed On: 20/6/2022	9:24AM		Page 3 of 4

MANIPAL HOSPITALS

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



Name	KHUSHBOO PANDEY	Age	34y 1m 9d	Gender	FEMALE
MRN	GHZB-0000174786	Visit No	V000000001-GHZB		
Lab No	G000320046	Collected On	18/06/2022 10:22AM	Received On	18/06/2022 10:34AM
Referred By	Deepak Verma	Reported On	18/06/2022 12:19PM		

		•		
Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
Indirect Bilirubin	0.68		0.1 - 0.3 mg/dl	
TOTAL PROTEIN, SERUM	6.8 g/dl		6.6 - 8.7 g/dl	
ALBUMIN, SERUM	4.30 g/dl			
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	1.72		1:1 - 2.5:1	
GLOBULIN, SERUM	2.5			
SGPT	17 IU/L		14 - 54 IU/L	
SGOT	17 IU/L		0 - 40 IU/L	
GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE	- 20 IU/L		7 -50 U/L	
ALKALINE PHOSPHATASE, ALP	55 IU/L		32 -91 IU/L	
4		****** END OF RI	EPORT *******	Regionation No. 42422

Processed by :- DEEPTI KUMARI

DR CHARU AGARWAL CONSULTANT PATHOLOGIST Pathologist

Report Printed On:

20/6/2022

9:24AM

Page 4 of 4



Name	KHUSHBOO PANDEY	Age	34y 1m 9d	Gender	FEMALE
MRN	GHZB-0000174786	Visit No	V0000000001-GHZB		
Lab No	G000320083	Collected On	18/06/2022 12:52PM	Received On	18/06/2022 1:36PM
Referred By	Deepak Verma	Reported On	18/06/2022 5:20PM		

Test Name

Result

Criticality

Biological Factor Reference Interval

URINE, GLUCOSE (Urine)

NIL

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

mcy-39093

DR ALKA DIXIT VATS CONSULANT PATHOLOGIST **PATHOLOGIST**

Processed by :- DEEPTI KUMARI

Report Printed On:

20/6/2022

9:24AM



Name	KHUSHBOO PANDEY	Age	34y 1m 9d	Gender	FEMALE
MRN	GHZB-0000174786	Visit No	V0000000001-GHZB		and the supremental state of the state of th
Lab No	G000320116	Collected On	18/06/2022 3:47PM	Received On	18/06/2022 4:03PM
Referred By	Deepak Verma	Reported On	18/06/2022 6:01PM		

Test Name

Result

Criticality **Factor**

Biological Reference Interval

STOOL EXAMINATION, ROUTINE, STOOL, R/E (Stool)

PHYSICAL EXAMINATION

Colour

Brownish

Consistency

Semisolid

Mucus

Absent

CHEMICAL EXAMINATION

Occult Blood

Negative

MICROSCOPIC EXAMINATION

20/6/2022

9:24AM

Cyst

Not seen

Erythrocytes

Not seen

Pus cells

Not seen

Ova

Report Printed On:

Not seen

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

Processed by :-DEEPTI KUMARI DR ASHUTOSH RAWAT

MICROBIOLOGIST



Name	KHUSHBOO PANDEY	Modality	DX
Patient ID	GHZB-0000174786	Accession No	1107920
Gender/Age	F / 34Y 1M 9D	Scan Date	18-06-2022 10:39:21
Ref. Phys	Dr. Deepak Verma	Report Date	18-06-2022 17:54:39

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: Normal Chest X-ray

Recommend clinical correlation and follow up.

Dr. jaihari Agarwal, MD,

Consultant Radiologist, Reg No 51570



Name	KHUSHBOO PANDEY	Modality	US
Patient ID	GHZB-0000174786	Accession No	1107930
Gender/Age	F / 34Y IM 9D	Scan Date	18-06-2022 12:39:43
Ref. Phys	Dr. Deepak Verma	Report Date	18-06-2022 13:39:31

USG ABDOMEN & PELVIS

FINDINGS

LIVER: appears normal in size (measures 145 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 92 mm), shape and echotexture. Rest normal.

PORTAL VEIN: Appears normal in size and measures 9.6 mm.

COMMON BILE DUCT: Appears normal in size and measures 4.4 mm.

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

GALL BLADDER: not seen (surgically removed; post cholecystectomy status). 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 98 x 40 mm. Left Kidney: measures 97 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 83 x 48 x 43 mm), shape and echotexture.

Endometrial thickness measures 5.3 mm. Cervix appears normal.

OVARIES: Both ovaries are normal in size, shape and echotexture. Rest normal.

Right ovary measures 27 x 23 x 11 mm with volume 3.6 cc. Left ovary measures 21 x 19 x 18 mm with volume 3.8 cc.

BOWEL: Visualized bowel loops appear normal.

IMPRESSION

-Diffuse grade I fatty infiltration in liver.

Recommend clinical correlation.



Name	KHUSHBOO PANDEY	Modality	US
Patient ID	GHZB-0000174786	Accession No	1107930
Gender/Age	F / 34Y 1M 9D	Scan Date	18-06-2022 12:39:43
Ref. Phys	Dr. Deepak Verma	Report Date	18-06-2022 13:39:31

MANGE

Dr. Monica Shekhawat, MBBS, DNB, Consultant Radiologist, Reg No MCI 11 10887