

RADIOLOGY REPORT

Name	AMARNATH SINGH	Modality	US
Patient ID	GHZB-0000170607	Accession No	1100934
Gender / Age	M / 43Y 7M 15D	Scan Date	30-05-2022 10:49:02
Ref. Phys	Dr. Vinay Bhat	Report Date	30-05-2022 12:21:16

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 102 mm), shape and echotexture. Rest normal.

PORTAL VEIN: Appears normal in size and measures 10.3 mm.

COMMON BILE DUCT: Appears normal in size and measures 3.4 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 106 x 42 mm.

Left Kidney: measures 97 x 44 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 25 x 24 x 24 mm with volume 7 cc. Rest normal.

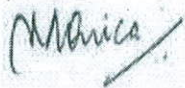
SEMINAL VESICLES: Normal.

BOWEL: Visualized bowel loops appear normal.

IMPRESSION

-Diffuse grade I fatty infiltration in liver.

Recommend clinical correlation.



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

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NH-24, Hapur Road, Near Landcraft Golflinks, Ghaziabad - 201002

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RADIOLOGY REPORT

Name	SUNITA SAGAR	Modality	DX
Patient ID	GHZB-0000173934	Accession No	1100967
Gender/Age	F / 45Y 2M 16D	Scan Date	30-05-2022 10:47:51
Ref. Phys	Dr. Vinay Bhat	Report Date	30-05-2022 11:04:03

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.

Recommended clinical correlation.

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RADIOLOGY REPORT

Name	AMARNATH SINGH	Modality	DX
Patient ID	GHZB-0000170607	Accession No	1100933
Gender/Age	M / 43Y 7M 15D	Scan Date	30-05-2022 09:44:26
Ref. Phys	Dr. Vinay Bhat	Report Date	30-05-2022 11:01:37

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.

Recommended clinical correlation.

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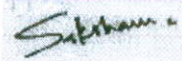
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RADIOLOGY REPORT

Name	AMARNATH SINGH	Modality	DX
Patient ID	GHZB-0000170607	Accession No	1100933
Gender/Age	M / 43Y 7M 15D	Scan Date	30-05-2022 09:44:26
Ref. Phys	Dr. Vinay Bhat	Report Date	30-05-2022 11:01:37



Dr. Saksham Bansal, MBBS, MD, DNB, FRCR.
Consultant Radiologist, Reg No DMC-R-010695

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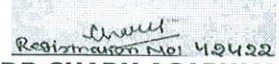
LABORATORY REPORT

Name	AMARNATH SINGH	Age	43y 7m 15d	Gender	MALE
MRN	GHZB-0000170607	Visit No	V0000000002-GHZB		
Lab No	G000318129	Collected On	30/05/2022 11:08AM	Received On	30/05/2022 11:08AM
Referred By	Vinay Bhat	Reported On	30/05/2022 12:26PM		

Test Name	Result	Criticality Factor	Biological Reference Interval
URINE EXAMINATION, ROUTINE (Urine)			
PHYSICAL EXAMINATION			
Colour	P.YELLOW		
Appearance	CLEAR		
pH	7.0		
Specific gravity	1.005		
CHEMICAL EXAMINATION			
Glucose	Nil		
Protein	Absent		
Ketone bodies	Absent		
Urobilinogen	Absent		
MICROSCOPIC EXAMINATION			
Leukocytes	2-3/HPF		
Erythrocytes	NIL		
Epithelial Cells	1-2/HPF		
Casts	NIL		
Crystals	NIL		
Others	NIL		

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

Processed by :- KAPIL GAUR


 Registration No: 419422
DR CHARU AGARWAL
 CONSULTANT PATHOLOGIST
 Pathologist-

Report Printed On: 2/6/2022 4:14PM

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LABORATORY REPORT

Name	AMARNATH SINGH	Age	43y 7m 15d	Gender	MALE
MRN	GHZB-0000170607	Visit No	V0000000002-GHZB		
Lab No	G000318112	Collected On	30/05/2022 9:42AM	Received On	30/05/2022 9:42AM
Referred By	Vinay Bhat	Reported On	30/05/2022 5:45PM		

Test Name	Result	Criticality Factor	Biological Reference Interval
BLOOD GROUP (A, B, O) AND RH FACTOR WITH REVERSE GROUPING (Whole Blood)			
BLOOD GROUPING	"O"		
RH TYPING	POSITIVE		
ESR (WESTERGREN),AUTOMATED ERYTHROCYTE SEDIMENTATION RATE	24 mm/1st hour		0 - 15 mm/Hr

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

Processed by :- DEEPTI KUMARI

Alka
mcy-39093
DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

LABORATORY REPORT

Name	AMARNATH SINGH	Age	43y 7m 15d	Gender	MALE
MRN	GHZB-0000170607	Visit No	V0000000002-GHZB		
Lab No	G000318112	Collected On	30/05/2022 9:42AM	Received On	30/05/2022 9:42AM
Referred By	Vinay Bhat	Reported On	30/05/2022 10:54AM		

Test Name	Result	Criticality Factor	Biological Reference Interval
HEMOGLOBIN, HB	14.3 g/dl		12 - 16 gm/ dl
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC	35.0 g/dl		33 - 36%
MEAN CORPUSCULAR HAEMOGLOBIN, MCH	31.6 pg		26 -34 pg
MEAN CORPUSCULAR VOLUME, MCV	90.3 fl		77 - 97 fl
PLATELET COUNT	154 x10 ³ cells/ Cumm		150x10 ³ - 400x10 ³ cells/cumm
RED BLOOD CELLS, RBC COUNT	4.53 million/cu mm		3.8 - 5.3 millions /cumm
RED CELL DISTRIBUTION WIDTH, RDW	12.5 %		11.5 - 14.5 %
LEUCOCYTE COUNT, TOTAL (TLC), AUTOMATED	5.09 x10 ³ cells/ Cumm		4x10 ³ - 11x10 ³ cells/cumm
HEMATOCRIT (HCT)	40.9 %		34 -45%
BASOPHILS	00 %		0 - 2%
EOSINOPHILS	03 %		2 -7 %
LYMPHOCYTES	42 %		17 - 45 %
MONOCYTES	06 %		4 -13%
NEUTROPHILS	49 %		40 - 80%

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

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 Registration No. 410452
DR CHARU AGARWAL
 CONSULTANT PATHOLOGIST
 Pathologist

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LABORATORY REPORT

Name	AMARNATH SINGH	Age	43y 7m 15d	Gender	MALE
MRN	GHZB-0000170607	Visit No	V0000000002-GHZB		
Lab No	G000318112	Collected On	30/05/2022 9:42AM	Received On	30/05/2022 9:42AM
Referred By	Vinay Bhat	Reported On	30/05/2022 5:26PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
HBA1C (Whole Blood)	5.1 %		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 *****

Alka
MCT-39093

DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

Processed by :- KAPIL GAUR

LABORATORY REPORT

Name	AMARNATH SINGH	Age	43y 7m 15d	Gender	MALE
MRN	GHZB-0000170607	Visit No	V0000000002-GHZB		
Lab No	G000318112	Collected On	30/05/2022 9:42AM	Received On	30/05/2022 9:42AM
Referred By	Vinay Bhat	Reported On	30/05/2022 11:07AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
KIDNEY FUNCTION TESTS (Serum)				
UREA	29.4 mg/dl		15 - 40 mg/dl	
CREATININE, SERUM	1.18 mg/dl		0.7 - 1.2 mg/dl	
URIC ACID	7.1 mg/dl		4 - 8.5 mg/dl	
SODIUM, SERUM	137.6 mmol/L		136 - 144 mmol/ L	
POTASSIUM, SERUM	4.20 mmol/L		3.6 - 5.1 mmol/L	
CHLORIDE, SERUM	104.6 mmol/L		101 - 111 mmol/L	
LIPID PROFILE (Serum)				
CHOLESTEROL, TOTAL	177 mg/dl		Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	112 mg/dl		Upto 150 mg/dl	
CHOLESTEROL, HDL, DIRECT	40 mg/dl		35 - 65 mg/dl	
CHOLESTEROL, LDL, DIRECT	115 mg/dl		0 -120 mg/dl	
Cholesterol, VLDL	22 mg/dl		0 - 35 mg/dl	
LIVER FUNCTION TESTS (Serum)				
BILIRUBIN, TOTAL	1.14 mg/dl		0.3 -1.2 mg/dl	
BILIRUBIN, DIRECT	0.20 mg/dl		0 - 0.3 mg/dl	

Report Printed On: 2/6/2022 4:14PM

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LABORATORY REPORT

Name	AMARNATH SINGH	Age	43y 7m 15d	Gender	MALE
MRN	GHZB-0000170607	Visit No	V0000000002-GHZB		
Lab No	G000318112	Collected On	30/05/2022 9:42AM	Received On	30/05/2022 9:42AM
Referred By	Vinay Bhat	Reported On	30/05/2022 5:45PM		

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BLOOD GROUPING	"O"		
RH TYPING	POSITIVE		
ESR (WESTERGREN),AUTOMATED ERYTHROCYTE SEDIMENTATION RATE	24 mm/1st hour		0 - 15 mm/Hr

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

Processed by :- DEEPTI KUMARI

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mcr-39093
DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

LABORATORY REPORT

Name	AMARNATH SINGH	Age	43y 7m 15d	Gender	MALE
MRN	GHZB-0000170607	Visit No	V0000000002-GHZB		
Lab No	G000318112	Collected On	30/05/2022 9:42AM	Received On	30/05/2022 9:42AM
Referred By	Vinay Bhat	Reported On	30/05/2022 10:54AM		

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MEAN CORPUSCULAR HAEMOGLOBIN, MCH	31.6 pg		26 -34 pg
MEAN CORPUSCULAR VOLUME, MCV	90.3 fl		77 - 97 fl
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RED CELL DISTRIBUTION WIDTH, RDW	12.5 %		11.5 - 14.5 %
LEUCOCYTE COUNT, TOTAL (TLC), AUTOMATED	5.09 x10 ³ cells/ Cumm		4x10 ³ - 11x10 ³ cells/cumm
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BASOPHILS	00 %		0 - 2%
EOSINOPHILS	03 %		2 -7 %
LYMPHOCYTES	42 %		17 - 45 %
MONOCYTES	06 %		4 -13%
NEUTROPHILS	49 %		40 - 80%

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

Processed by :- DEEPTI KUMARI

Charu
 Registration No: 42422
DR CHARU AGARWAL
 CONSULTANT PATHOLOGIST
 Pathologist

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LABORATORY REPORT

Name	AMARNATH SINGH	Age	43y 7m 15d	Gender	MALE -
MRN.	GHZB-0000170607	Visit No	V0000000002-GHZB		
Lab No	G000318112	Collected On	30/05/2022 9:42AM	Received On	30/05/2022 9:42AM
Referred By	Vinay Bhat	Reported On	30/05/2022 5:26PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
HBA1C (Whole Blood)	5.1 %		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 *****

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Alka
MCT-39093

DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

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LABORATORY REPORT

Name	AMARNATH SINGH	Age	43y 7m 15d	Gender	MALE
MRN	GHZB-0000170607	Visit No	V0000000002-GHZB		
Lab No	G000318112	Collected On	30/05/2022 9:42AM	Received On	30/05/2022 9:42AM
Referred By	Vinay Bhat	Reported On	30/05/2022 11:07AM		

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

UREA	29.4 mg/dl		15 - 40 mg/dl	
CREATININE, SERUM	1.18 mg/dl		0.7 - 1.2 mg/dl	
URIC ACID	7.1 mg/dl		4 - 8.5 mg/dl	
SODIUM, SERUM	137.6 mmol/L		136 - 144 mmol/ L	
POTASSIUM, SERUM	4.20 mmol/L		3.6 - 5.1 mmol/L	
CHLORIDE, SERUM	104.6 mmol/L		101 - 111 mmol/L	

LIPID PROFILE (Serum)

CHOLESTEROL, TOTAL	177 mg/dl		Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	112 mg/dl		Upto 150 mg/dl	
CHOLESTEROL, HDL, DIRECT	40 mg/dl		35 - 65 mg/dl	
CHOLESTEROL, LDL, DIRECT	115 mg/dl		0 -120 mg/dl	
Cholesterol, VLDL	22 mg/dl		0 - 35 mg/dl	

LIVER FUNCTION TESTS (Serum)

BILIRUBIN, TOTAL	1.14 mg/dl		0.3 -1.2 mg/dl	
BILIRUBIN, DIRECT	0.20 mg/dl		0 - 0.3 mg/dl	

Report Printed On: 2/6/2022 4:16PM


LABORATORY REPORT

Name	AMARNATH SINGH	Age	43y 7m 15d	Gender	MALE
MRN	GHZB-0000170607	Visit No	V0000000002-GHZB		
Lab No	G000318112	Collected On	30/05/2022 9:42AM	Received On	30/05/2022 9:42AM
Referred By	Vinay Bhat	Reported On	30/05/2022 11:07AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
Indirect Bilirubin	0.94		0.1 - 0.3 mg/dl	
TOTAL PROTEIN, SERUM	7.5 g/dl		6.6 - 8.7 g/dl	
ALBUMIN, SERUM	4.17 g/dl		3.5 - 5.2 gm/dl	
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	1.25		1:1 - 2.5:1	
GLOBULIN, SERUM	3.3			
SGPT	53 IU/L		17 - 63 IU/L	
SGOT	35 IU/L		0 - 40 IU/L	
GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE	37 IU/L		7 -50 U/L	
ALKALINE PHOSPHATASE, ALP	77 IU/L		32 -91 IU/L	

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

Processed by :- DEEPTI KUMARI


Registration No: 42422

DR CHARU AGARWAL
CONSULTANT PATHOLOGIST
Pathologist

Report Printed On: 2/6/2022 4:16PM

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LABORATORY REPORT

Name	AMARNATH SINGH	Age	43y 7m 16d	Gender	MALE
MRN	GHZB-0000170607	Visit No	V0000000002-GHZB		
Lab No	G000318218	Collected On	31/05/2022 8:47AM	Received On	31/05/2022 8:48AM
Referred By	Vinay Bhat	Reported On	31/05/2022 11:16AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS (Serum Post Prandial)	90 mg/dl		80 -140 mg/dl	

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

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DR CHARU AGARWAL
CONSULTANT PATHOLOGIST
Pathologist

Report Printed On: 2/6/2022 4:16PM

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HCMCT

Manipal Hospitals

LIFE'S ON



Name : MR AMARNATH SINGH
Registration No : MH009942696 RefHosp No. :
ghzb-0000170607
Patient Episode : R03000037873
Referred By : MANIPAL HOSPITALS GHAZIABAD
Receiving Date : 30 May 2022 13:42

Age : 43 Yr(s) Sex : Male
Lab No : 32220510023
Collection Date : 30 May 2022 13:35
Reporting Date : 30 May 2022 15:41

BIOCHEMISTRY

THYROID PROFILE, Serum

T3 - Triiodothyronine (ECLIA)	0.94	ng/ml	Adult > 20 yrs [0.70-2.04]
T4 - Thyroxine (ECLIA)	5.72	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	5.570 #	µIU/mL	[0.340-4.250]

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



TMT INVESTIGATION REPORT

Patient Name : Mr. AMARNATH SINGH	Location : Ghaziabad
Age/Sex : 44Year(s)/male	Visit No : V0000000001-GHZZ
MRN No : GHZZ-0000170607	Order Date : 30/5/2022
Ref. Doctor : HCP	Report Date : 30/5/2022

Protocol : Bruce **MPHR** : 176BPM
Duration of exercise : 6min 04sec **85% of MPHR** : 149BPM
Reason for termination : THR achieved **Peak HR Achieved** : 169BPM
Blood Pressure (mmHg) : Baseline BP : 126/74mmHg **% Target HR** : 96%
Peak BP : 140/78mmHg **METS** : 7.0METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	74	126/74	Nil	No ST changes seen	Nil
STAGE 1	3:00	135	130/74	Nil	No ST changes seen	Nil
STAGE 2	3:00	167	140/78	Nil	No ST changes seen	Nil
STAGE 3	0:04	168	140/78	Nil	No ST changes seen	Nil
RECOVERY	3:09	93	130/74	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 SinghMD, DM (CARDIOLOGY),FACC
Sr. Consultant Cardiology**Dr. Abhishek Singh**MD, DNB (CARDIOLOGY),MNAMS
Sr.Consultant Cardiology**Dr. Sudhanshu Mishra**MD
Cardiology Registrar