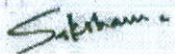


RADIOLOGY REPORT

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



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

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RADIOLOGY REPORT

Name	SUNITA SAGAR	Modality	US
Patient ID	GHZB-0000173934	Accession No	1100968
Gender / Age	F / 45Y 2M 16D	Scan Date	30-05-2022 10:32:50
Ref. Phys	Dr. Vinay Bhat	Report Date	30-05-2022 12:16:37

USG ABDOMEN & PELVIS**FINDINGS**

LIVER: appears enlarged in size (measures 177 mm) but normal in shape and shows diffuse increase in liver echotexture, in keeping with diffuse grade I fatty infiltration. Rest normal.

SPLEEN: Spleen is normal in size (measures 95 mm), shape and echotexture. Rest normal.

PORTAL VEIN: Appears normal in size and measures 9.1 mm.

COMMON BILE DUCT: Appears normal in size and measures 3.8 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 91 x 39 mm. It shows a concretion measuring 2.6 mm at mid calyx.

Left Kidney: measures 88 x 53 mm. It shows a concretion measuring 3.6 mm at mid calyx.

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 80 x 43 x 36 mm), shape but shows coarse myometrial echotexture. Endometrial thickness measures 4.1 mm. Cervix appears normal.

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

Right ovary measures 22 x 19 x 10 mm with volume 2.3 cc.

Left ovary measures 24 x 20 x 7 mm with volume 1.8 cc.

BOWEL: Visualized bowel loops appear normal.

IMPRESSION

-Hepatomegaly with diffuse grade I fatty infiltration in liver.

-Bilateral renal concretions.

-Coarse myometrial echotexture of uterus.

Recommend clinical correlation.

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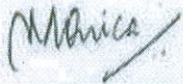
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RADIOLOGY REPORT

Name	SUNITA SAGAR	Modality	US
Patient ID	GHZB-0000173934	Accession No	1100968
Gender/Age	F / 45Y 2M 16D	Scan Date	30-05-2022 10:32:50
Ref. Phys	Dr. Vinay Bhat	Report Date	30-05-2022 12:16:37



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

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LABORATORY REPORT

Name	SUNITA SAGAR	Age	45y 2m 18d	Gender	FEMALE
MRN	GHZB-0000173934	Visit No	V0000000001-GHZB		
Lab No	G000318113	Collected On	30/05/2022 9:44AM	Received On	30/05/2022 9:47AM
Referred By	Vinay Bhat	Reported On	30/05/2022 10:47AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, FASTING (F) (Serum Fasting)	104 mg/dl		70 - 110 mg/dl	

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

Processed by :- DEEPTI KUMARI

Charu
Registration No: 45422
DR CHARU AGARWAL
CONSULTANT PATHOLOGIST
Pathologist

LABORATORY REPORT

Name	SUNITA SAGAR	Age	45y 2m 18d	Gender	FEMALE
MRN	GHZB-0000173934	Visit No	V0000000001-GHZB		
Lab No	G000318133	Collected On	30/05/2022 11:39AM	Received On	30/05/2022 11:39AM
Referred By	Vinay Bhat	Reported On	30/05/2022 4:12PM		

Test Name	Result	Criticality Factor	Biological Reference Interval
URINE EXAMINATION, ROUTINE (Urine)			
PHYSICAL EXAMINATION			
Colour	P.YELLOW		
Appearance	S.TURBID		
pH	6.0		
Specific gravity	1.005		
CHEMICAL EXAMINATION			
Glucose	Nil		
Protein	Absent		
Ketone bodies	Absent		
Urobilinogen	Absent		
MICROSCOPIC EXAMINATION			
Leukocytes	12-15/HPF		
Erythrocytes	NIL		
Epithelial Cells	1-2/HPF		
Casts	NIL		
Crystals	NIL		
Others	NIL		

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

Processed by :- KAPIL GAUR

Alka
MCT-39093
DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

Report Printed On: 2/6/2022 4:33PM

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LABORATORY REPORT

Name	SUNITA SAGAR	Age	45y 2m 18d	Gender	FEMALE
MRN	GHZB-0000173934	Visit No	V0000000001-GHZB		
Lab No	G000318171	Collected On	30/05/2022 3:02PM	Received On	30/05/2022 3:02PM
Referred By	Vinay Bhat	Reported On	30/05/2022 5:27PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS (Serum Post Prandial)	96 mg/dl		80 -140 mg/dl	

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

Processed by :- KAPIL GAUR

Alka
mcy-39093
DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

LABORATORY REPORT

Name	SUNITA SAGAR	Age	45y 2m 18d	Gender	FEMALE
MRN	GHZB-0000173934	Visit No	V0000000001-GHZB		
Lab No	G000318114	Collected On	30/05/2022 9:47AM	Received On	30/05/2022 9:47AM
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	"B"		
RH TYPING	POSITIVE		
ESR (WESTERGREN),AUTOMATED ERYTHROCYTE SEDIMENTATION RATE	45 mm/1st hour		0 - 20 mm/Hr

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

Processed by :- DEEPTI KUMARI

Alka
MCT-39093
DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

LABORATORY REPORT

Name	SUNITA SAGAR	Age	45y 2m 18d	Gender	FEMALE
MRN	GHZB-0000173934	Visit No	V0000000001-GHZB		
Lab No	G000318114	Collected On	30/05/2022 9:47AM	Received On	30/05/2022 9:47AM
Referred By	Vinay Bhat	Reported On	30/05/2022 10:54AM		

Test Name	Result	Criticality Factor	Biological Reference Interval
HEMOGLOBIN, HB	13.5 g/dl		12 - 16 gm/ dl
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC	32.6 g/dl		33 - 36%
MEAN CORPUSCULAR HAEMOGLOBIN, MCH	28.3 pg		26 -34 pg
MEAN CORPUSCULAR VOLUME, MCV	86.8 fl		77 - 97 fl
PLATELET COUNT	157 x10 ³ cells/ Cumm		150x10 ³ - 400x10 ³ cells/cumm
RED BLOOD CELLS, RBC COUNT	4.77 million/cu mm		3.8 - 5.3 millions /cumm
RED CELL DISTRIBUTION WIDTH, RDW	13.5 %		11.5 - 14.5 %
LEUCOCYTE COUNT, TOTAL (TLC), AUTOMATED	8.74 x10 ³ cells/ Cumm		4x10 ³ - 11x10 ³ cells/cumm
HEMATOCRIT (HCT)	41.4 %		34 -45%
BASOPHILS	00 %		
EOSINOPHILS	02 %		2 -7 %
LYMPHOCYTES	25 %		17 - 45 %
MONOCYTES	06 %		4 -13%
NEUTROPHILS	67 %		40 - 80%

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

DR CHARU AGARWAL
 CONSULTANT PATHOLOGIST
 Pathologist

Processed by :- DEEPTI KUMARI

Report Printed On: 2/6/2022 4:33PM

LABORATORY REPORT

Name	SUNITA SAGAR	Age	45y 2m 18d	Gender	FEMALE
MRN	GHZB-0000173934	Visit No	V0000000001-GHZB		
Lab No	G000318114	Collected On	30/05/2022 9:47AM	Received On	30/05/2022 9:47AM
Referred By	Vinay Bhat	Reported On	30/05/2022 5:26PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
HBA1C (Whole Blood)	5.0 %		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 *****

Processed by :- KAPIL GAUR

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PATHOLOGIST

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LABORATORY REPORT

Name	SUNITA SAGAR	Age	45y 2m 18d	Gender	FEMALE
MRN	GHZB-0000173934	Visit No	V0000000001-GHZB		
Lab No	G000318114	Collected On	30/05/2022 9:47AM	Received On	30/05/2022 9:47AM
Referred By	Vinay Bhat	Reported On	30/05/2022 11:26AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
KIDNEY FUNCTION TESTS (Serum)				
UREA	15.2 mg/dl		15 - 40 mg/dl	
CREATININE, SERUM	0.80 mg/dl		0.7 - 1.2 mg/dl	
URIC ACID	4.9 mg/dl		4 - 8.5 mg/dl	
SODIUM, SERUM	139.3 mmol/L		136 - 144 mmol/ L	
POTASSIUM, SERUM	4.14 mmol/L		3.6 - 5.1 mmol/L	
CHLORIDE, SERUM	105.5 mmol/L		101 - 111 mmol/L	
LIPID PROFILE (Serum)				
CHOLESTEROL, TOTAL	176 mg/dl		Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	103 mg/dl		Upto 150 mg/dl	
CHOLESTEROL, HDL, DIRECT	50 mg/dl		35 - 65 mg/dl	
CHOLESTEROL, LDL, DIRECT	105 mg/dl		0 -120 mg/dl	
Cholesterol, VLDL	21 mg/dl		0 - 35 mg/dl	
LIVER FUNCTION TESTS (Serum)				
BIL IRUBIN, TOTAL	0.45 mg/dl		0.3 -1.2 mg/dl	
BILIRUBIN, DIRECT	0.07 mg/dl		0 - 0.3 mg/dl	

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LABORATORY REPORT

Name	SUNITA SAGAR	Age	45y 2m 18d	Gender	FEMALE
MRN	GHZB-0000173934	Visit No	V0000000001-GHZB		
Lab No	G000318114	Collected On	30/05/2022 9:47AM	Received On	30/05/2022 9:47AM
Referred By	Vinay Bhat	Reported On	30/05/2022 11:26AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
Indirect Bilirubin	0.38		0.1 - 0.3 mg/dl	
TOTAL PROTEIN, SERUM	7.6 g/dl		6.6 - 8.7 g/dl	
ALBUMIN, SERUM	4.17 g/dl			
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	1.22		1:1 - 2.5:1	
GLOBULIN, SERUM	3.4			
SGPT	17 IU/L		14 - 54 IU/L	
SGOT	22 IU/L		0 - 40 IU/L	
GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE	10 IU/L		7 -50 U/L	
ALKALINE PHOSPHATASE, ALP	123 IU/L		32 -91 IU/L	

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

Processed by :- DEEPTI KUMARI

Charu Agarwal
 Registration No: 42422
DR CHARU AGARWAL
 CONSULTANT PATHOLOGIST
 Pathologist

Report Printed On: 2/6/2022 4:33PM

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HCMCT

Manipal Hospitals

LIFE'S ON



Name : SUNITA SAGAR
Registration No : MH010131764
Patient Episode : R03000037876
Referred By : MANIPAL HOSPITALS GHAZIABAD
Receiving Date : 30 May 2022 13:42

Age : 45 Yr(s) Sex :Female
Lab No : 32220510038
Collection Date : 30 May 2022 13:35
Reporting Date : 30 May 2022 15:41

BIOCHEMISTRY

THYROID PROFILE, Serum

		ng/ml	Non Pregnant Adult
T3 - Triiodothyronine (ECLIA)	1.30	micg/dl	[0.70-2.04]
T4 - Thyroxine (ECLIA)	7.89	µIU/mL	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	4.830 #		[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

Dr. Neelam Singal
CONSULTANT BIOCHEMISTRY



TMT INVESTIGATION REPORT

Patient Name : Mrs. SUNITA SAGAR	Location : Ghaziabad
Age/Sex : 42Year(s)/Female	Visit No : V0000000001-GHZZ
MRN No : GHZZ-0000173934	Order Date : 30/5/2022
Ref. Doctor : HCP	Report Date : 30/5/2022

Protocol : Bruce	MPHR : 178BPM
Duration of exercise : 6min 04sec	85% of MPHR : 151BPM
Reason for termination : THR achieved	Peak HR Achieved : 162BPM
Blood Pressure (mmHg) : Baseline BP : 124/84mmHg	% Target HR : 91%
Peak BP : 140/88mmHg	METS : 7.0METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	93	124/84	Nil	No ST changes seen	Nil
STAGE 1	3:00	120	130/84	Nil	No ST changes seen	Nil
STAGE 2	3:00	161	140/88	Nil	No ST changes seen	Nil
STAGE 3	0:04	162	140/88	Nil	No ST changes seen	Nil
RECOVERY	3:02	103	130/86	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
MD, DM (CARDIOLOGY),FACC
Sr. Consultant Cardiology

Dr. Abhishek Singh
MD, DNB (CARDIOLOGY),MNAMS
Sr.Consultant Cardiology

Dr. Sudhanshu Mishra
MD
Cardiology Registrar