

Karan kakkar

ID: 000177927

31-Aug-2022 10:10:51

Mamipal Hospitals, Ghaziabad

43years  
Male Caucasian

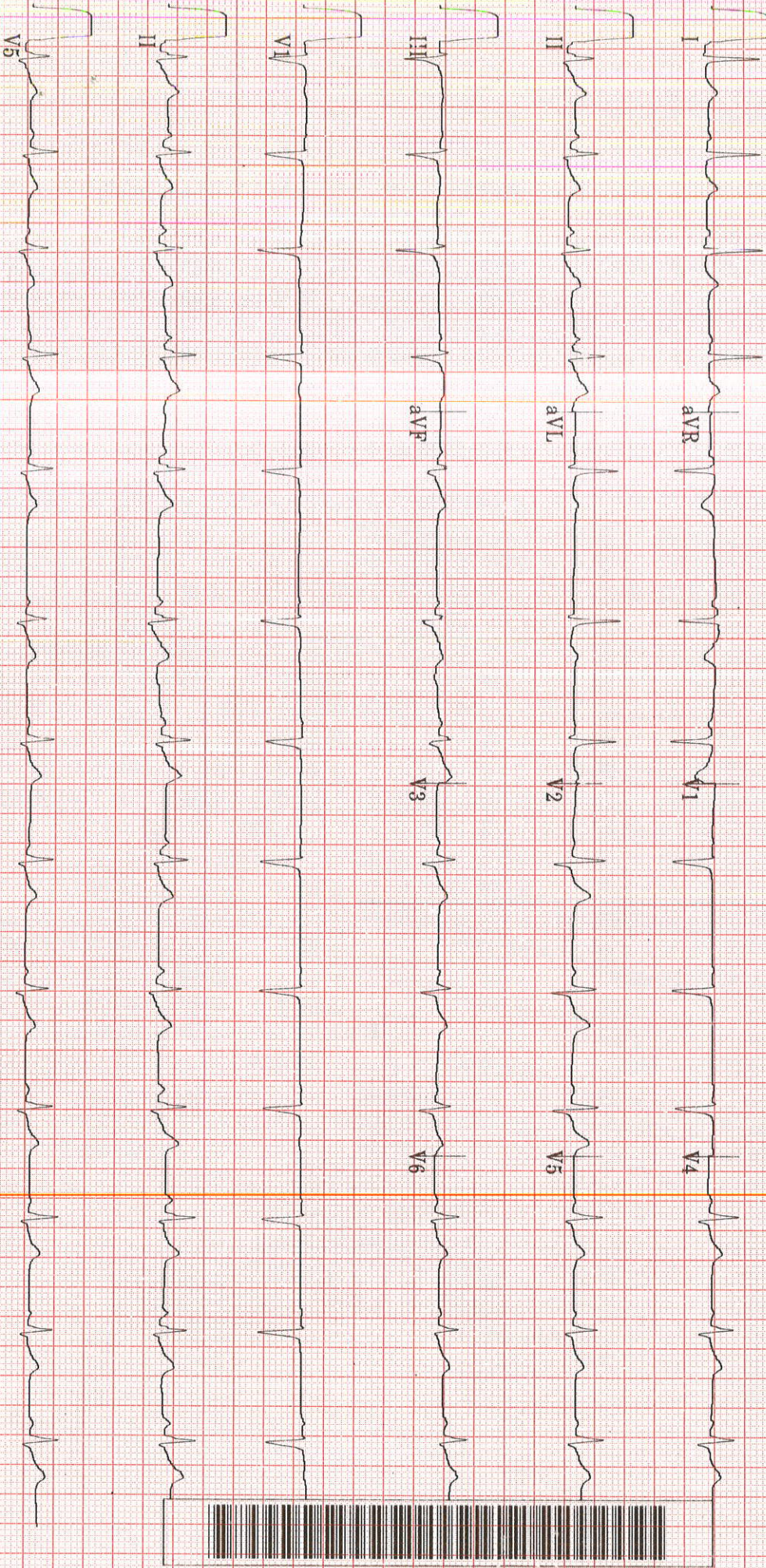
Vent. rate	77 bpm
PR interval	118 ms
QRS duration	82 ms
QT/QTc	370/418 ms
P-R-T axes	47 -6 42

Technician:  
Test ind:

Sinus rhythm with marked sinus arrhythmia  
Otherwise normal ECG

Referred by:

Unconfirmed





TMT INVESTIGATION REPORT

Patient Name : Mr. KARAN KAKKAAR	Location : Ghaziabad
Age/Sex : 43Year(s)/male	Visit No : V0000000001-GHZB
MRN No : GHZB-0000177927	Order Date : 31/8/2022
Ref. Doctor : HCP	Report Date : 31/8/2022

Protocol : Bruce  
 Duration of exercise : 6min 43sec  
 Reason for termination : THR achieved  
 Blood Pressure (mmHg) : Baseline BP : 130/92mmHg  
 Peak BP : 150/92mmHg

MPHR : 177BPM  
 85% of MPHR : 150BPM  
 Peak HR Achieved : 166BPM  
 % Target HR : 93%  
 METS : 8.1METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	85	130/92	Nil	No ST changes seen	Nil
STAGE 1	3:00	113	136/92	Nil	No ST changes seen	Nil
STAGE 2	3:00	155	144/92	Nil	No ST changes seen	Nil
STAGE 3	0:43	166	144/92	Nil	No ST changes seen	Nil
RECOVERY	3:09	99	134/92	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.

**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

HCMCT

# ManipalHospitals

LIFE'S ON 



Name : MR KARAN KAKKAAR  
Registration No : RH1493338 RefHosp No. : GHZB-177927  
Patient Episode : R03000042835  
Referred By : MANIPAL HOSPITALS GHAZIABAD  
Receiving Date : 31 Aug 2022 13:43

Age : 43 Yr(s) Sex : Male  
Lab No : 32220810821  
Collection Date : 31 Aug 2022 13:31  
Reporting Date : 31 Aug 2022 14:52

## BIOCHEMISTRY

THYROID PROFILE, Serum

T3 - Triiodothyronine (ECLIA)

1.21

ng/ml

1  
[0.70-2.04]

T4 - Thyroxine (ECLIA)

8.44

micg/dl

[4.60-12.00]

Thyroid Stimulating Hormone (ECLIA)

2.090

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>

Page 1 of 1

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

*Neelam Singal*

Dr. Neelam Singal  
CONSULTANT BIOCHEMISTRY



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## BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
TOTAL PSA, Serum (ECLIA)	2.020	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.

Page 1 of 1

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

Dr. Neelam Singal  
 CONSULTANT BIOCHEMISTRY

## LABORATORY REPORT

Name	KARAN KAKKAAR	Age	42y 8m 25d	Gender	MALE
MRN	GHZB-0000177927	Visit No	V0000000001-GHZB		
Lab No	G000327657	Collected On	31/08/2022 9:42AM	Received On	31/08/2022 9:44AM
Referred By	Deepak Verma	Reported On	31/08/2022 12:16PM		

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 :- ROBIN DHIRANIYA

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

## LABORATORY REPORT

Name	KARAN KAKKAAR	Age	42y 8m 25d	Gender	MALE
MRN	GHZB-0000177927	Visit No	V0000000001-GHZB		
Lab No	G000327718	Collected On	31/08/2022 1:27PM	Received On	31/08/2022 1:27PM
Referred By	Deepak Verma	Reported On	31/08/2022 3:14PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS (Serum Post Prandial)	98 mg/dl		80 -140 mg/dl	

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

Processed by :- KAPIL GAUR

*Alka*  
MCT-39093  
**DR ALKA DIXIT VATS**  
CONSULTANT PATHOLOGIST  
PATHOLOGIST

## LABORATORY REPORT

Name	KARAN KAKKAAR	Age	42y 8m 25d	Gender	MALE
MRN	GHZB-0000177927	Visit No	V0000000001-GHZB		
Lab No	G000327680	Collected On	31/08/2022 11:15AM	Received On	31/08/2022 11:15AM
Referred By	Deepak Verma	Reported On	31/08/2022 3:17PM		

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

#### PHYSICAL EXAMINATION

Colour	Pale yellow
Appearance	Clear
pH	5.0
Specific gravity	1.015

#### CHEMICAL EXAMINATION

Glucose	Nil
Protein	Absent
Ketone bodies	Absent
Urobilinogen	Absent

#### MICROSCOPIC EXAMINATION

Leukocytes	1-2 /HPF
Erythrocytes	NIL
Epithelial Cells	0-1 /HPF
Casts	NIL
Crystals	NIL
Others	NIL

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

Processed by :- KAPIL GAUR

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mcy-39093  
**DR ALKA DIXIT VATS**  
CONSULTANT PATHOLOGIST  
PATHOLOGIST

Report Printed On: 31/8/2022 8:31PM

Page 1 of 1

## LABORATORY REPORT

Name	KARAN KAKKAAR	Age	42y 8m 25d	Gender	MALE
MRN	GHZB-0000177927	Visit No	V0000000001-GHZB		
Lab No	G000327658	Collected On	31/08/2022 9:44AM	Received On	31/08/2022 9:44AM
Referred By	Deepak Verma	Reported On	31/08/2022 4:57PM		

Test Name	Result	Criticality Factor	Biological Reference Interval
<b>BLOOD GROUP (A, B, O) AND RH FACTOR WITH REVERSE GROUPING (Whole Blood)</b>			
BLOOD GROUPING	" B "		
RH TYPING	POSITIVE		
ESR (WESTERGREN),AUTOMATED ERYTHROCYTE SEDIMENTATION RATE	10 mm/1st hour		0 - 15 mm/Hr

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

Processed by :- DEEPTI KUMARI

*Alka*  
*mcr-39093*  
**DR ALKA DIXIT VATS**  
CONSULTANT PATHOLOGIST  
PATHOLOGIST



## LABORATORY REPORT

Name	KARAN KAKKAAR	Age	42y 8m 25d	Gender	MALE
MRN	GHZB-0000177927	Visit No	V0000000001-GHZB		
Lab No	G000327658	Collected On	31/08/2022 9:44AM	Received On	31/08/2022 9:44AM
Referred By	Deepak Verma	Reported On	31/08/2022 12:16PM		

Test Name	Result	Criticality Factor	Biological Reference Interval
HEMOGLOBIN, HB	14.9 g/dl		12 - 16 gm/ dl
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC	33.1 g/dl		33 - 36%
MEAN CORPUSCULAR HAEMOGLOBIN, MCH	29.8 pg		26 -34 pg
MEAN CORPUSCULAR VOLUME, MCV	90.0 fl		77 - 97 fl
PLATELET COUNT	321 x10 <sup>3</sup> cells/ Cumm		150x10 <sup>3</sup> - 400x10 <sup>3</sup> cells/cumm
RED BLOOD CELLS, RBC COUNT	5.00 million/cu mm		3.8 - 5.3 millions /cumm
RED CELL DISTRIBUTION WIDTH, RDW	13.0 %		11.5 - 14.5 %
LEUCOCYTE COUNT, TOTAL (TLC), AUTOMATED	6.69 x10 <sup>3</sup> cells/ Cumm		4x10 <sup>3</sup> - 11x10 <sup>3</sup> cells/cumm
HEMATOCRIT (HCT)	45.0 %		34 -45%
BASOPHILS	00 %		0 - 2%
EOSINOPHILS	03 %		2 -7 %
LYMPHOCYTES	34 %		17 - 45 %
MONOCYTES	05 %		4 -13%
NEUTROPHILS	58 %		40 - 80%

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

Processed by :- ROBIN DHIRANIYA

*Dr. Charu Agarwal*  
 Registration No: 429422  
**DR CHARU AGARWAL**  
 CONSULTANT PATHOLOGIST  
 Pathologist

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Page 2 of 5

## LABORATORY REPORT

Name	KARAN KAKKAAR	Age	42y 8m 25d	Gender	MALE
MRN	GHZB-0000177927	Visit No	V0000000001-GHZB		
Lab No	G000327658	Collected On	31/08/2022 9:44AM	Received On	31/08/2022 9:44AM
Referred By	Deepak Verma	Reported On	31/08/2022 4:53PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
HBA1C (Whole Blood)	4.4 %		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.	

### KIDNEY FUNCTION TESTS (Serum)

UREA	27.6 mg/dl		15 - 40 mg/dl	
CREATININE, SERUM	1.02 mg/dl		0.7 - 1.2 mg/dl	
URIC ACID	5.5 mg/dl		4 - 8.5 mg/dl	
SODIUM, SERUM	140.0 mmol/L		136 - 144 mmol/ L	
POTASSIUM, SERUM	4.59 mmol/L		3.6 - 5.1 mmol/L	
CHLORIDE, SERUM	106.3 mmol/L		101 - 111 mmol/L	

### LIPID PROFILE (Serum)

CHOLESTEROL, TOTAL	<b>252 mg/dl</b>		Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	134 mg/dl		Upto 150 mg/dl	
CHOLESTEROL, HDL, DIRECT	43 mg/dl		35 - 65 mg/dl	
CHOLESTEROL, LDL, DIRECT	<b>182 mg/dl</b>		0 -120 mg/dl	

Report Printed On: 31/8/2022 8:31PM

Page 3 of 5

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Referred By	Deepak Verma	Reported On	31/08/2022 3:16PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
Cholesterol, VLDL	27 mg/dl		0 - 35 mg/dl	
<b>LIVER FUNCTION TESTS (Serum)</b>				
BILIRUBIN, TOTAL	0.83 mg/dl		0.3 - 1.2 mg/dl	
BILIRUBIN, DIRECT	0.14 mg/dl		0 - 0.3 mg/dl	
Indirect Bilirubin	<b>0.69</b>		0.1 - 0.3 mg/dl	
TOTAL PROTEIN, SERUM	7.1 g/dl		6.6 - 8.7 g/dl	
ALBUMIN, SERUM	4.80 g/dl		3.5 - 5.2 gm/dl	
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	2.09		1:1 - 2.5:1	
GLOBULIN, SERUM	2.3			
SGPT	62 IU/L		17 - 63 IU/L	
SGOT	36 IU/L		0 - 40 IU/L	
GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE	<b>59 IU/L</b>		7 - 50 U/L	
ALKALINE PHOSPHATASE, ALP	82 IU/L		32 - 91 IU/L	

Report Printed On: 31/8/2022 8:31PM

Page 4 of 5

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Referred By	Deepak Verma	Reported On	31/08/2022 3:16PM		

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

Processed by :- KAPIL GAUR

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**DR ALKA DIXIT VATS**  
CONSULTANT PATHOLOGIST  
PATHOLOGIST

Report Printed On: 31/8/2022 8:31PM

Page 5 of 5

## RADIOLOGY REPORT

Name	KARAN KAKKAAR	Modality	US
Patient ID	GHZB-0000177927	Accession No	1134230
Gender/Age	M / 42Y 8M 25D	Scan Date	31-08-2022 12:25:44
Ref. Phys	Dr. Deepak Verma	Report Date	31-08-2022 12:01:34

**USG ABDOMEN & PELVIS****FINDINGS**

LIVER: Liver is normal in size (measures 139 mm), shape and echotexture. Rest normal.  
 SPLEEN: Spleen is normal in size (measures 90 mm), shape and echotexture. Rest normal.  
 PORTAL VEIN: Appears normal in size and measures 12.9 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 100 x 36 mm.  
 Left Kidney: measures 115 x 52 mm. It shows a calculus measuring 5.2 mm at lower 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.  
 PROSTATE: Prostate is normal in size, shape and echotexture. It measures 46 x 36 x 29 mm with volume 25 cc. Rest normal.  
 SEMINAL VESICLES: Normal.  
 BOWEL: Visualized bowel loops appear normal.

**IMPRESSION**

-Left renal calculus.

Recommend clinical correlation.



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

## RADIOLOGY REPORT

Name	KARAN KAKKAAR	Modality	DX
Patient ID	GHZB-0000177927	Accession No	1134231
Gender / Age	M / 42Y 8M 25D	Scan Date	31-08-2022 09:52:19
Ref. Phys	Dr. Deepak Verma	Report Date	31-08-2022 10:36:05

## 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:**

**No significant abnormality noted.**

Recommend clinical correlation.



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