

# Health Check up Booking Request(bobE48039), Beneficiary Code-47014

Mediwheel <wellness@mediwheel.in>

Wed 10/11/2023 2:15 PM

To:

Cc:



011-41195959

Email:wellness@mediwheel.in

Dear Manipal Hospitals,

**City :** Ghaziabad . **Address :** NH-24 Hapur Road,Oppo. Bahmeta Village, Near Lancroft Golf Links Apartment,

We have received the confirmation for the following booking .

**Name** : MR. GARG SAGAR  
**Age** : 26  
**Gender** : Male  
**Package Name** : Medi-Wheel Metro Full Body Health Checkup Male Below 40  
**Contact Details** : 9650678973  
**Booking Date** : 11-10-2023  
**Appointment Date** : 14-10-2023

Member Information			
Booked Member Name	Age	Gender	Cost(In INR)
MR. GARG SAGAR	26	Male	Cashless
<b>Total amount to be paid</b>			<b>Cashless</b>

We will get back to you with confirmation update shortly. Please find the package details as attached for your reference.

**Package Name** : Medi-Wheel Metro Full Body Health Checkup Male Below 40 - Includes (37)Tests

**Tests included in this Package** : Ecg, TSH, X-ray Chest, Stress Test (tmt)/ 2d Echo, Blood Sugar Postprandial, A:g Ratio, Blood Group, Total Cholesterol, Triglycerides, Fasting Blood Sugar, Ultrasound Whole Abdomen , Glycosylated Haemoglobin (hba1c), Hdl, Vldl, Urine Analysis, LDL, Total Protine, General Consultation, HDL/ LDL ratio, GGT(Gamma-glutamyl Transferase), Eye Check-up consultation, ALP (ALKALINE PHOSPHATASE), Uric Acid, AST/ALT Ratio, Serum Protein, CBC with ESR, Stool Analysis, Urine Sugar Fasting, Urine Sugar PP, T3, T4, Cholesterol Total / HDL Ratio, BUN, BUN/Creatinine Ratio, Bilirubin Total & Direct and Indirect, Albumin, Globulin

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29 years  
Male

Asian

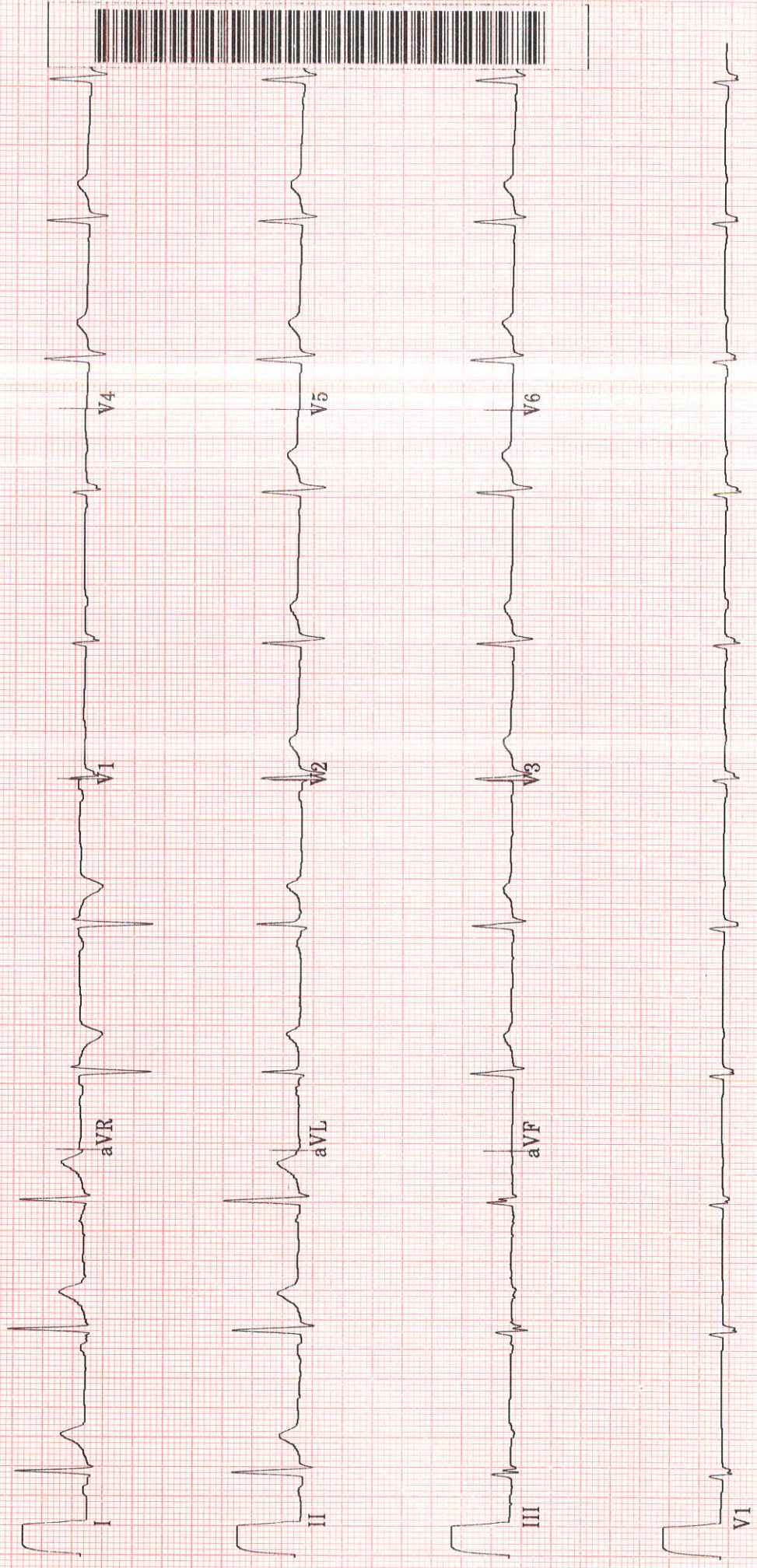
Vent. rate 64 bpm  
PR interval 146 ms  
QRS duration 86 ms  
QT/QTc 376/387 ms  
P-R-T axes 15 28 29

Normal sinus rhythm  
Normal ECG

Technician:  
Test ind:

Referred by: hcp

Unconfirmed







## TMT INVESTIGATION REPORT

Patient Name	SAGAR GARG	Location	: Ghaziabad
Age/Sex	: 29Year(s)/male	Visit No	: V0000000001-GHZB
MRN No	MH011410504	Order Date	: 14/10/2023
Ref. Doctor	: HCP	Report Date	: 14/10/2023

**Protocol** : Bruce **MPHR** : 191BPM  
**Duration of exercise** : 4min 11sec **85% of MPHR** : 162BPM  
**Reason for termination** : THR achieved **Peak HR Achieved** : 180BPM  
**Blood Pressure (mmHg)** : Baseline BP : 124/84mmHg **% Target HR** : 94%  
Peak BP : 140/84mmHg **METS** : 6.0METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	65	124/84	Nil	No ST changes seen	Nil
STAGE 1	3:00	162	134/84	Nil	No ST changes seen	Nil
STAGE 2	2:11	180	140/84	Nil	No ST changes seen	Nil
RECOVERY	3:00	99	128/84	Nil	No ST changes seen	Nil

**COMMENTS:**

- No ST changes in base line ECG.
- No ST changes during test and 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

Manipal Hospital, Ghaziabad

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Manipal Health Enterprises Private Limited

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<b>Name</b>	: MR SAGAR GARG	<b>Age</b>	: 29 Yr(s) Sex :Male
<b>Registration No</b>	: MH011410504	<b>Lab No</b>	: 202310003018
<b>Patient Episode</b>	: H18000001333	<b>Collection Date</b>	: 14 Oct 2023 10:06
<b>Referred By</b>	: HEALTH CHECK MGD	<b>Reporting Date</b>	: 14 Oct 2023 14:39
<b>Receiving Date</b>	: 14 Oct 2023 12:41		

## HAEMATOLOGY

### COMPLETE BLOOD COUNT (AUTOMATED)

RBC COUNT (IMPEDEANCE) 4.86  
HEMOGLOBIN 13.6  
Method:cyanide free SLS-colorimetry  
HEMATOCRIT (CALCULATED) 43.4  
MCV (DERIVED) 89.3  
MCH (CALCULATED) 28.0  
**MCHC (CALCULATED) 31.3 #**  
**RDW CV% (DERIVED) 14.2 #**  
Platelet count 337  
Method: Electrical Impedance  
MPV (DERIVED) 9.5

### SPECIMEN-EDTA Whole Blood

	millions/cumm	[4.50-5.50]
	g/dl	[13.0-17.0]
	%	[40.0-50.0]
	fL	[83.0-101.0]
	pg	[25.0-32.0]
	<b>g/dl</b>	<b>[31.5-34.5]</b>
	%	<b>[11.6-14.0]</b>
	x 10 <sup>3</sup> cells/cumm	[150-410]
	x 10 <sup>3</sup> cells/cumm	[4.00-10.00]
DIFFERENTIAL COUNT (VCS TECHNOLOGY/MICROSCOPY)		
Neutrophils	54.0 %	[40.0-80.0]
Lymphocytes	37.0 %	[20.0-40.0]
Monocytes	6.0 %	[2.0-10.0]
Eosinophils	3.0 %	[1.0-6.0]
Basophils	0.0 %	[0.0-2.0]
<b>ESR</b>	<b>22.0 #</b>	<b>mm/1sthour</b> [0.0-10.0]

Name : MR SAGAR GARG Age : 29 Yr(s) Sex : Male  
 Registration No : MH011410504 Lab No : 202310003018  
 Patient Episode : H18000001333 Collection Date : 14 Oct 2023 10:06  
 Referred By : HEALTH CHECK MGD Reporting Date : 14 Oct 2023 16:47  
 Receiving Date : 14 Oct 2023 12:41

**BIOCHEMISTRY****Glycosylated Hemoglobin**

Specimen: EDTA

**HbA1c (Glycosylated Hemoglobin) 5.9 # % [0.0-5.6]**

Method: HPLC

As per American Diabetes Association (ADA)  
 HbA1c in %  
 Non diabetic adults  $\geq$  18years  $<$  5.7  
 Prediabetes (At Risk ) 5.7-6.4  
 Diagnosing Diabetes  $\geq$  6.5

Estimated Average Glucose (eAG) 123 mg/dl

Comments : HbA1c provides an index of average blood glucose levels over the past  
 8-12 weeks and is a much better indicator of long term glycemc control.

**Blood Group & Rh Typing (Agglutination by gel/tube technique) Specimen-Blood****Blood Group & Rh typing B Rh(D) Positive****Technical note:**

ABO grouping and Rh typing is done by cell and serum grouping by microplate /  
 gel technique.

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



**Dr. Alka Dixit Vats**  
 Consultant Pathologist









**LABORATORY REPORT**

<b>Name</b>	: MR SAGAR GARG	<b>Age</b>	: 29 Yr(s) Sex :Male
<b>Registration No</b>	: MH011410504	<b>Lab No</b>	: 202310003018
<b>Patient Episode</b>	: H18000001333	<b>Collection Date</b>	: 14 Oct 2023 10:06
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**BIOCHEMISTRY**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
<b>Serum LIPID PROFILE</b>			
Serum TOTAL CHOLESTEROL Method:Oxidase,esterase, peroxide	162	mg/dl	[<200] Moderate risk:200-239 High risk:>240
TRIGLYCERIDES (GPO/POD)	85	mg/dl	[<150] Borderline high:151-199 High: 200 - 499 Very high:>500
HDL- CHOLESTEROL Method : Enzymatic Immunoimhibition	46.0	mg/dl	[35.0-65.0]
VLDL- CHOLESTEROL (Calculated)	17	mg/dl	[0-35]
CHOLESTEROL, LDL, CALCULATED	99.0	mg/dl	[<120.0] Near/ Borderline High:130-159 High Risk:160-189
Above optimal-100-129			<4.0 Optimal 4.0-5.0 Borderline >6 High Risk
T.Chol/HDL.Chol ratio(Calculated)	3.5		
LDL.CHOL/HDL.CHOL Ratio(Calculated)	2.2		<3 Optimal 3-4 Borderline >6 High Risk

Note:  
Reference ranges based on ATP III Classifications.

Lipid profile is a panel of blood tests that serves as initial broad medical screening too for abnormalities in lipids, the results of this tests can identify certain genetic diseases and determine approximate risks for cardiovascular disease, certain forms of pancreatitis and other diseases





**LABORATORY REPORT**

<b>Name</b>	: MR SAGAR GARG	<b>Age</b>	: 29 Yr(s) Sex :Male
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<b>Patient Episode</b>	: H18000001333	<b>Collection Date</b>	: 14 Oct 2023 10:06
<b>Referred By</b>	: HEALTH CHECK MGD	<b>Reporting Date</b>	: 14 Oct 2023 15:21
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**BIOCHEMISTRY**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
<b>KIDNEY PROFILE</b>			
Specimen: Serum			
UREA	34.1	mg/dl	[15.0-40.0]
<i>Method: GLDH, Kinatic assay</i>			
BUN, BLOOD UREA NITROGEN	15.9	mg/dl	[8.0-20.0]
<i>Method: Calculated</i>			
CREATININE, SERUM	0.89	mg/dl	[0.70-1.20]
<i>Method: Jaffe rate-IDMS Standardization</i>			
URIC ACID	5.8	mg/dl	[4.0-8.5]
<i>Method:uricase PAP</i>			
SODIUM, SERUM	136.30	mmol/L	[136.00-144.00]
POTASSIUM, SERUM	5.09	mmol/L	[3.60-5.10]
SERUM CHLORIDE	104.0	mmol/L	[101.0-111.0]
<i>Method: ISE Indirect</i>			
eGFR (calculated)	115.5	ml/min/1.73sq.m	[>60.0]

**Technical Note**

eGFR which is primarily based on Serum Creatinine is a derivation of CKD-EPI 2009 equation normalized to 1.73 sq.m BSA and is not applicable to individuals below 18 years. eGFR tends to be less accurate when Serum Creatinine estimation is indeterminate e.g. patients at extremes of muscle mass, on unusual diets etc. and samples with severe Hemolysis Icterus / Lipemia.



**LABORATORY REPORT**

**Name** : MR SAGAR GARG  
**Registration No** : MH011410504  
**Patient Episode** : H18000001333  
**Referred By** : HEALTH CHECK MGD  
**Receiving Date** : 14 Oct 2023 12:41

**Age** : 29 Yr(s) Sex :Male  
**Lab No** : 202310003018  
**Collection Date** : 14 Oct 2023 10:06  
**Reporting Date** : 14 Oct 2023 15:21

**BIOCHEMISTRY**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
<b>LIVER FUNCTION TEST</b>			
BILIRUBIN - TOTAL <i>Method: D P D</i>	0.94	mg/dl	[0.30-1.20]
BILIRUBIN - DIRECT <i>Method: DPD</i>	0.22	mg/dl	[0.00-0.30]
INDIRECT BILIRUBIN (SERUM) <i>Method: Calculation</i>	0.72	mg/dl	[0.10-0.90]
TOTAL PROTEINS (SERUM) <i>Method: BIURET</i>	6.80	gm/dl	[6.60-8.70]
ALBUMIN (SERUM) <i>Method: BCG</i>	4.00	g/dl	[3.50-5.20]
GLOBULINS (SERUM) <i>Method: Calculation</i>	2.80	gm/dl	[1.80-3.40]
PROTEIN SERUM (A-G) RATIO <i>Method: Calculation</i>	1.43		[1.00-2.50]
<b>AST (SGOT) (SERUM)</b> <i>Method: IFCC W/O P5P</i>	<b>42.00 #</b>	<b>U/L</b>	<b>[0.00-40.00]</b>
ALT (SGPT) (SERUM) <i>Method: IFCC W/O P5P</i>	33.60	U/L	[17.00-63.00]
Serum Alkaline Phosphatase <i>Method: AMP BUFFER IFCC</i>	85.0	IU/L	[32.0-91.0]
GGT	24.0	U/L	[7.0-50.0]





**LABORATORY REPORT**

Name : MR SAGAR GARG Age : 29 Yr(s) Sex : Male  
Registration No : MH011410504 Lab No : 202310003018  
Patient Episode : H18000001333 Collection Date : 14 Oct 2023 10:06  
Referred By : HEALTH CHECK MGD Reporting Date : 14 Oct 2023 15:21  
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**BIOCHEMISTRY**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
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Liver function test aids in diagnosis of various pre hepatic, hepatic and post hepatic causes of dysfunction like hemolytic anemia's, viral and alcoholic hepatitis and cholestasis of obstructive causes.

The test encompasses hepatic excretory, synthetic function and also hepatic parenchymal cell damage. LFT helps in evaluating severity, monitoring therapy and assessing prognosis of liver disease and dysfunction.

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

Dr. Alka Dixit Vats  
Consultant Pathologist



**LABORATORY REPORT**

Name	: MR SAGAR GARG	Age	: 29 Yr(s) Sex :Male
Registration No	: MH011410504	Lab No	: 202310003019
Patient Episode	: H18000001333	Collection Date	: 14 Oct 2023 10:06
Referred By	: HEALTH CHECK MGD	Reporting Date	: 14 Oct 2023 15:21
Receiving Date	: 14 Oct 2023 10:06		

**BIOCHEMISTRY**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
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**GLUCOSE-Fasting**

Specimen: Plasma

GLUCOSE, FASTING (F)	95.0	mg/dl	[70.0-110.0]
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Method: Hexokinase

Normally, the glucose concentration in extracellular fluid is closely regulated so that a source of energy is readily available to tissues and so that no glucose is excreted in the urine.

Increased in Diabetes mellitus; Cushing's syndrome (10-15%), chronic pancreatitis (30%).  
Drugs corticosteroids, phenytoin, estrogen, thiazides

Decreased in Pancreatic islet cell disease with increased insulin, insulinoma, adrenocortical insufficiency, hypopituitarism, diffuse liver disease, malignancy(adrenocortical, stomach, fibro sarcoma), infant of a diabetic mother enzyme deficiency diseases(e.g.galactosemia),  
Drugs-  
insulin, ethanol, propranolol, sulfonylureas, tobutamide, and other oral hypoglycemic agents.

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

**Dr. Alka Dixit Vats**  
Consultant Pathologist





## RADIOLOGY REPORT

NAME	MR Sagar GARG	STUDY DATE	14/10/2023 12:28PM
AGE / SEX	29 y / M	HOSPITAL NO.	MH011410504
ACCESSION NO.	R6251365	MODALITY	US
REPORTED ON	14/10/2023 10:08PM	REFERRED BY	HEALTH CHECK MGD

**USG 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: appears normal in size (measures 149 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 87 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 3.2 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 93 x 49 mm.

Left Kidney: measures 91 x 43 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 30 x 34 x 22 mm with volume 12 cc. Rest normal.

SEMINAL VESICLES: Normal.

BOWEL: Visualized bowel loops appear normal.

**IMPRESSION**

**-Diffuse grade I fatty infiltration in liver.**

Recommend clinical correlation.



Dr. Prabhat Prakash Gupta MBBS, DNB, MNAMS  
CONSULTANT RADIOLOGIST

\*\*\*\*\*End Of Report\*\*\*\*\*

**MANIPAL HOSPITALS**

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

www.manipalhospitals.com

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## RADIOLOGY REPORT

NAME	MR Sagar GARG	STUDY DATE	14/10/2023 10:29AM
AGE / SEX	29 y / M	HOSPITAL NO.	MH011410504
ACCESSION NO.	R6251364	MODALITY	CR
REPORTED ON	14/10/2023 4:09PM	REFERRED BY	HEALTH CHECK MGD

## 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*



Dr. Prabhat Prakash Gupta MBBS, DNB, MNAMS  
CONSULTANT RADIOLOGIST

\*\*\*\*\*End Of Report\*\*\*\*\*

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