

Normal sinus rhythm  
Normal ECG

P-R-T axes 67 48 58  
QT/QTc 352/415 ms  
QRS duration 88 ms  
PR interval 174 ms

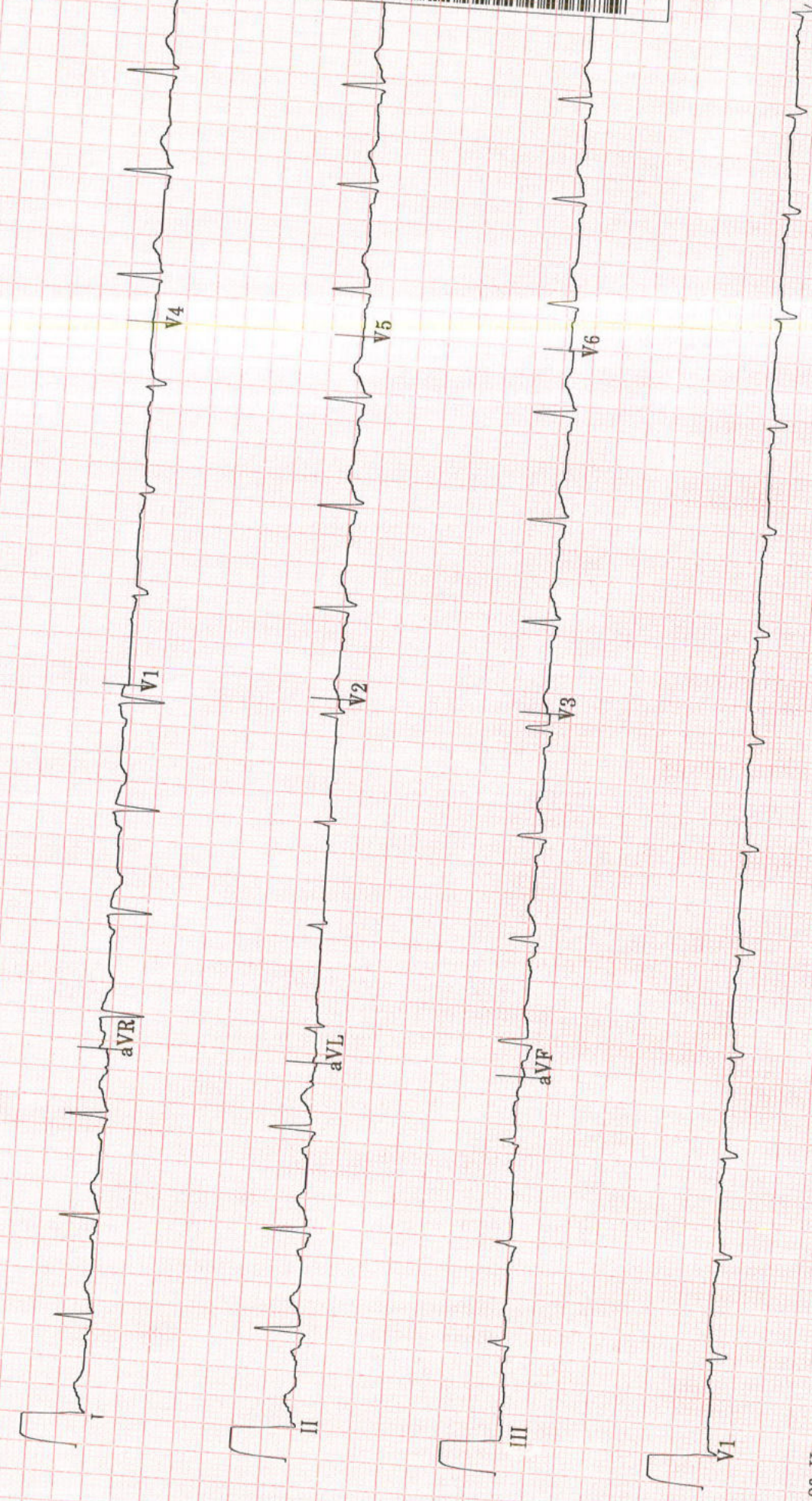
Technician:  
Test ind:

Amit/dumari  
180303

79

Referred by:

Unconfirmed



20 Hz 25.0 mm/s 10.0 mm/mV

4 by 2.5s + 1 rhythm 1d

MAC55 009C

12SL™ v239



## TMT INVESTIGATION REPORT

|                               |                             |
|-------------------------------|-----------------------------|
| Patient Name : Mr. AMIT KUMAR | Location : Ghaziabad        |
| Age/Sex : 37Year(s)/male      | Visit No : V0000000001-GHZB |
| MRN No : GHZB-0000180303      | Order Date : 27/10/2022     |
| Ref. Doctor : HCP             | Report Date : 27/10/2022    |

**Protocol** : Bruce **MPHR** : 183BPM  
**Duration of exercise** : 6min 11sec **85% of MPHR** : 155BPM  
**Reason for termination** : THR achieved **Peak HR Achieved** : 160BPM  
**Blood Pressure (mmHg)** : Baseline BP : 122/82mmHg **% Target HR** : 87%  
Peak BP : 136/82mmHg **METS** : 7.2METS

| STAGE     | TIME (min) | H.R (bpm) | BP (mmHg) | SYMPTOMS | ECG CHANGES        | ARRHYTHMIA |
|-----------|------------|-----------|-----------|----------|--------------------|------------|
| PRE- EXC. | 0:00       | 93        | 122/82    | Nil      | No ST changes seen | Nil        |
| STAGE 1   | 3:00       | 131       | 130/82    | Nil      | No ST changes seen | Nil        |
| STAGE 2   | 3:00       | 154       | 136/82    | Nil      | No ST changes seen | Nil        |
| STAGE 3   | 0:11       | 160       | 136/82    | Nil      | No ST changes seen | Nil        |
| RECOVERY  | 2:17       | 102       | 130/82    | 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.
- 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

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HCMCT

# Manipal Hospitals

LIFE'S ON



Name : MR AMIT KUMAR Age : 37 Yr(s) Sex : Male  
Registration No : RH1546473 Lab No : 32221008293  
Patient Episode : R03000045253 Collection Date : 27 Oct 2022 20:41  
Referred By : MANIPAL HOSPITALS GHAZIABAD Reporting Date : 28 Oct 2022 09:44  
Receiving Date : 27 Oct 2022 21:06

## BIOCHEMISTRY

### THYROID PROFILE, Serum

|                                     |       |         |               |
|-------------------------------------|-------|---------|---------------|
| T3 - Triiodothyronine (ECLIA)       | 1.11  | ng/ml   | 1 [0.70-2.04] |
| T4 - Thyroxine (ECLIA)              | 9.19  | micg/dl | [4.60-12.00]  |
| Thyroid Stimulating Hormone (ECLIA) | 1.720 | 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

Human Care Medical Charitable Trust

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Phone: +91 11 4967 4967 | [www.manipalhospitals.com](http://www.manipalhospitals.com) | [www.hcmct.in](http://www.hcmct.in)

## LABORATORY REPORT

|             |                 |              |                    |             |                    |
|-------------|-----------------|--------------|--------------------|-------------|--------------------|
| Name        | AMIT KUMAR      | Age          | 37y 9m 3d          | Gender      | MALE               |
| MRN         | GHZB-0000180303 | Visit No     | V0000000001-GHZB   |             |                    |
| Lab No      | G000333652      | Collected On | 27/10/2022 10:19AM | Received On | 27/10/2022 10:28AM |
| Referred By | Deepak Verma    | Reported On  | 27/10/2022 12:05PM |             |                    |

| Test Name                               | Result   | Criticality Factor | Biological Reference Interval | Test Method |
|---|----------|--------------------|-------------------------------|-------------|
| GLUCOSE, FASTING (F)<br>(Serum Fasting) | 92 mg/dl |                    | 70 - 110 mg/dl                |             |

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

Processed by :- DEEPTI KUMARI

*Charu*  
Registration No: 40422  
**DR CHARU AGARWAL**  
CONSULTANT PATHOLOGIST  
Pathologist

## LABORATORY REPORT

|             |                 |              |                    |             |                    |
|-------------|-----------------|--------------|--------------------|-------------|--------------------|
| Name        | AMIT KUMAR      | Age          | 37y 9m 3d          | Gender      | MALE               |
| MRN         | GHZB-0000180303 | Visit No     | V0000000001-GHZB   |             |                    |
| Lab No      | G000333653      | Collected On | 27/10/2022 10:21AM | Received On | 27/10/2022 10:28AM |
| Referred By | Deepak Verma    | Reported On  | 27/10/2022 12:35PM |             |                    |

| 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   | "A"                               |                    |  |
| RH TYPING  | POSITIVE                          |                    |  |
| ESR (WESTERGREIN),AUTOMATED ERYTHROCYTE SEDIMENTATION RATE                     | 08 mm/1st hour                    |                    | 0 - 15 mm/Hr   |
| HEMOGLOBIN, HB   | 15.8 g/dl                         |                    | 12 - 16 gm/ dl                                       |
| MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC                               | 33.8 g/dl                         |                    | 33 - 36%   |
| MEAN CORPUSCULAR HAEMOGLOBIN, MCH  | 28.4 pg                           |                    | 26 -34 pg  |
| MEAN CORPUSCULAR VOLUME, MCV   | 83.8 fl                           |                    | 77 - 97 fl   |
| PLATELET COUNT   | 309 x10 <sup>3</sup> cells/ Cumm  |                    | 150x10 <sup>3</sup> - 400x10 <sup>3</sup> cells/cumm |
| RED BLOOD CELLS, RBC COUNT   | <b>5.57 million/cu mm</b>         |                    | 3.8 - 5.3 millions /cumm                             |
| RED CELL DISTRIBUTION WIDTH, RDW   | 12.2 %                            |                    | 11.5 - 14.5 %  |
| LEUCOCYTE COUNT, TOTAL (TLC), AUTOMATED  | 8.29 x10 <sup>3</sup> cells/ Cumm |                    | 4x10 <sup>3</sup> - 11x10 <sup>3</sup> cells/cumm    |
| HEMATOCRIT (HCT)   | <b>46.7 %</b>                     |                    | 34 -45%  |
| BASOPHILS  | 00 %                              |                    | 0 - 2%   |
| EOSINOPHILS  | 06 %                              |                    | 2 -7 %   |
| LYMPHOCYTES  | 37 %                              |                    | 17 - 45 %  |
| MONOCYTES  | 06 %                              |                    | 4 -13%   |
| NEUTROPHILS  | 51 %                              |                    | 40 - 80%   |

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## LABORATORY REPORT

|             |                 |              |                    |             |                    |
|-------------|-----------------|--------------|--------------------|-------------|--------------------|
| Name        | AMIT KUMAR      | Age          | 37y 9m 3d          | Gender      | MALE               |
| MRN         | GHZB-0000180303 | Visit No     | V0000000001-GHZB   |             |                    |
| Lab No      | G000333653      | Collected On | 27/10/2022 10:21AM | Received On | 27/10/2022 10:28AM |
| Referred By | Deepak Verma    | Reported On  | 27/10/2022 11:56AM |             |                    |

**Test Name**

**Result**

**Criticality  
Factor**

**Biological  
Reference Interval**

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

Processed by :- DEEPTI KUMARI

*Charu*  
Registration No: 40122  
**DR CHARU AGARWAL**  
CONSULTANT PATHOLOGIST  
Pathologist

Report Printed On: 28/10/2022 12:22AM

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**MANIPAL HOSPITALS**

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## LABORATORY REPORT

|             |                 |              |                    |             |                    |
|-------------|-----------------|--------------|--------------------|-------------|--------------------|
| Name        | AMIT KUMAR      | Age          | 37y 9m 3d          | Gender      | MALE               |
| MRN         | GHZB-0000180303 | Visit No     | V0000000001-GHZB   |             |                    |
| Lab No      | G000333653      | Collected On | 27/10/2022 10:21AM | Received On | 27/10/2022 10:28AM |
| Referred By | Deepak Verma    | Reported On  | 27/10/2022 12:26PM |             |                    |

| Test Name | Result | Criticality Factor | Biological Reference Interval | Test Method |
|-----------|--------|--------------------|-------------------------------|-------------|
|-----------|--------|--------------------|-------------------------------|-------------|

### KIDNEY FUNCTION TESTS (Serum)

|                   |                     |  |                  |  |
|-------------------|---------------------|--|------------------|--|
| UREA              | 20.1 mg/dl          |  | 15 - 40 mg/dl    |  |
| CREATININE, SERUM | 0.81 mg/dl          |  | 0.7 - 1.2 mg/dl  |  |
| URIC ACID         | 6.1 mg/dl           |  | 4 - 8.5 mg/dl    |  |
| SODIUM, SERUM     | <b>144.8 mmol/L</b> |  | 136 - 144 mmol/L |  |
| POTASSIUM, SERUM  | 4.62 mmol/L         |  | 3.6 - 5.1 mmol/L |  |
| CHLORIDE, SERUM   | <b>94.3 mmol/L</b>  |  | 101 - 111 mmol/L |  |

### LIPID PROFILE (Serum)

|                          |                  |  |                |  |
|--------------------------|------------------|--|----------------|--|
| CHOLESTEROL, TOTAL       | <b>228 mg/dl</b> |  | Upto 200 mg/dl |  |
| TRIGLYCERIDES, SERUM     | 134 mg/dl        |  | Upto 150 mg/dl |  |
| CHOLESTEROL, HDL, DIRECT | 55 mg/dl         |  | 35 - 65 mg/dl  |  |
| CHOLESTEROL, LDL, DIRECT | <b>146 mg/dl</b> |  | 0 -120 mg/dl   |  |
| Cholesterol, VLDL        | 27 mg/dl         |  | 0 - 35 mg/dl   |  |

### LIVER FUNCTION TESTS (Serum)

|                   |            |  |                |  |
|-------------------|------------|--|----------------|--|
| BILIRUBIN, TOTAL  | 0.59 mg/dl |  | 0.3 -1.2 mg/dl |  |
| BILIRUBIN, DIRECT | 0.10 mg/dl |  | 0 - 0.3 mg/dl  |  |

Report Printed On: 28/10/2022 12:22AM

## LABORATORY REPORT

|             |                 |              |                    |             |                    |
|-------------|-----------------|--------------|--------------------|-------------|--------------------|
| Name        | AMIT KUMAR      | Age          | 37y 9m 3d          | Gender      | MALE               |
| MRN         | GHZB-0000180303 | Visit No     | V0000000001-GHZB   |             |                    |
| Lab No      | G000333653      | Collected On | 27/10/2022 10:21AM | Received On | 27/10/2022 10:28AM |
| Referred By | Deepak Verma    | Reported On  | 27/10/2022 12:26PM |             |                    |

| Test Name  | Result      | Criticality Factor | Biological Reference Interval | Test Method |
|--|-------------|--------------------|-------------------------------|-------------|
| Indirect Bilirubin                                 | <b>0.49</b> |                    | 0.1 - 0.3 mg/dl               |             |
| TOTAL PROTEIN, SERUM                               | 7.4 g/dl    |                    | 6.6 - 8.7 g/dl                |             |
| ALBUMIN, SERUM                                     | 4.83 g/dl   |                    | 3.5 - 5.2 gm/dl               |             |
| A/G RATIO (ALBUMIN / GLOBULIN RATIO)               | 1.88        |                    | 1:1 - 2.5:1                   |             |
| GLOBULIN, SERUM                                    | 2.6         |                    |                               |             |
| SGPT   | 22 IU/L     |                    | 17 - 63 IU/L                  |             |
| SGOT   | 21 IU/L     |                    | 0 - 40 IU/L                   |             |
| GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE | 24 IU/L     |                    | 7 -50 U/L                     |             |
| ALKALINE PHOSPHATASE, ALP                          | 63 IU/L     |                    | 32 -91 IU/L                   |             |

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

Processed by :- DEEPTI KUMARI

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

Report Printed On: 28/10/2022 12:22AM

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## RADIOLOGY REPORT

|            |                  |              |                     |
|------------|------------------|--------------|---------------------|
| Name       | AMIT KUMAR       | Modality     | US                  |
| Patient ID | GHZB-0000180303  | Accession No | 1153982             |
| Gender/Age | M / 37Y 9M 2D    | Scan Date    | 27-10-2022 13:07:08 |
| Ref. Phys  | Dr. Deepak Verma | Report Date  | 27-10-2022 12:35:04 |

## USG ABDOMEN &amp; PELVIS

## FINDINGS

LIVER: appears normal in size (measures 137 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 107 mm), shape and echotexture. Rest normal.

PORTAL VEIN: Appears normal in size and measures 10.6 mm.

COMMON BILE DUCT: Appears normal in size and measures 4.2 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 106 x 40 mm.

Left Kidney: measures 100 x 42 mm. It shows a concretion measuring 3 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.

PROSTATE: Prostate is normal in size, shape and echotexture. It measures 41 x 29 x 23 mm with volume 14 cc. Rest normal.

SEMINAL VESICLES: Normal.

BOWEL: Visualized bowel loops appear normal.

## IMPRESSION

-Diffuse grade I fatty infiltration in liver.

-Left renal concretion.

Recommend clinical correlation.

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

## RADIOLOGY REPORT

|            |                  |              |                     |
|------------|------------------|--------------|---------------------|
| Name       | AMIT KUMAR       | Modality     | US                  |
| Patient ID | GHZB-0000180303  | Accession No | 1153982             |
| Gender/Age | M / 37Y 9M 2D    | Scan Date    | 27-10-2022 13:07:08 |
| Ref. Phys  | Dr. Deepak Verma | Report Date  | 27-10-2022 12:35:04 |

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## RADIOLOGY REPORT

|            |                  |              |                     |
|------------|------------------|--------------|---------------------|
| Name       | AMIT KUMAR       | Modality     | DX                  |
| Patient ID | GHZB-0000180303  | Accession No | 1153983             |
| Gender/Age | M / 37Y 9M 2D    | Scan Date    | 27-10-2022 10:35:14 |
| Ref. Phys  | Dr. Deepak Verma | Report Date  | 27-10-2022 11:44:01 |

### XR- CHEST PA VIEW

#### FINDINGS:

LUNGS: Multiple calcified opacities are seen in bilateral upper zones suggesting old calcified granulomas. Rest 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:

**Multiple calcified opacities seen in bilateral upper zones suggesting old calcified granulomas.**

Recommend clinical correlation.

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