

Dr. Vimmi Goel  
MBBS, MD (Internal Medicine)  
Sr. Consultant Non Invasive Cardiology  
Reg. No: MMC- 2014/01/0113

Preventive Health Check up  
KIMS Kingsway Hospitals  
Nagpur  
Phone No.: 7499913052



Name: Mr. Raju Amru Date: 22/3/24

Age: 55 y Sex: M Weight: 55.9 kg Height: 172-3 inc BMI: 18.8

BP: 118/62 mmHg Pulse: 61/m bpm RBS: \_\_\_\_\_ mg/dl

SpO2: 99%

Dr. Rahul Atara  
BDS, MDS (Endodontics)  
Sr. Consultant Dental Surgeon  
Reg. No: A-16347

Name: Mr Raju P. Amru Date: 22.03.24

Age: 55y Sex: M/F Weight: \_\_\_\_\_ kg Height: \_\_\_\_\_ inc BMI: \_\_\_\_\_

BP: \_\_\_\_\_ mmHg Pulse: \_\_\_\_\_ bpm RBS: \_\_\_\_\_ mg/dl

PMH :- Nil

OE - calculus (sev)  
Stm (sev)

AV scaling ⊕

Vishu



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF PATHOLOGY**

**Patient Name** : Mr. RAJU PURUSHOTTAM AMRU **Age /Gender** : 55 Y(s)/Male  
**Bill No/ UMR No** : BIL2324087250/UMR2324041539 **Referred By** : Dr. Vimmi Goel MBBS,MD  
**Received Dt** : 22-Mar-24 09:10 am **Report Date** : 22-Mar-24 11:04 am

**HAEMOGRAM**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Haemoglobin	Blood	13.6	13.0 - 17.0 gm%	Photometric
Haematocrit(PCV)		40.4	40.0 - 50.0 %	Calculated
RBC Count		<b>4.38</b>	4.5 - 5.5 Millions/cumm	Photometric
Mean Cell Volume (MCV)		92	83 - 101 fl	Calculated
Mean Cell Haemoglobin (MCH)		31.2	27 - 32 pg	Calculated
Mean Cell Haemoglobin Concentration (MCHC)		33.7	31.5 - 35.0 g/l	Calculated
RDW		<b>14.4</b>	11.5 - 14.0 %	Calculated
Platelet count		195	150 - 450 $10^3$ /cumm	Impedance
WBC Count		<b>3400</b>	4000 - 11000 cells/cumm	Impedance
<b><u>DIFFERENTIAL COUNT</u></b>				
Neutrophils		54.3	50 - 70 %	Flow Cytometry/Light microscopy
Lymphocytes		37.0	20 - 40 %	Flow Cytometry/Light microscopy
Eosinophils		4.3	1 - 6 %	Flow Cytometry/Light microscopy
Monocytes		4.4	2 - 10 %	Flow Cytometry/Light microscopy
Basophils		0.0	0 - 1 %	Flow Cytometry/Light microscopy
Absolute Neutrophil Count		<b>1846.2</b>	2000 - 7000 /cumm	Calculated



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<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Absolute Lymphocyte Count		1258	1000 - 4800 /cumm	Calculated
Absolute Eosinophil Count		146.2	20 - 500 /cumm	Calculated
Absolute Monocyte Count		<b>149.6</b>	200 - 1000 /cumm	Calculated
Absolute Basophil Count		0	0 - 100 /cumm	Calculated
<b><u>PERIPHERAL SMEAR</u></b>				
RBC		Normochromic Normocytic		
WBC		As Above		
Platelets		Adequate		
<b>ESR</b>		02	0 - 20 mm/hr	Automated Westergren's Method
*** End Of Report ***				

Suggested Clinical Correlation \* If necessary, Please discuss

Verified By : : 11100245

Test results related only to the item tested.

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**Dr. GAURI HARDAS, MBBS,MD  
CONSULTANT PATHOLOGIST**



**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mr. RAJU PURUSHOTTAM AMRU	<b>Age /Gender</b> : 55 Y(s)/Male
<b>Bill No/ UMR No</b> : BIL2324087250/UMR2324041539	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 22-Mar-24 09:08 am	<b>Report Date</b> : 22-Mar-24 11:21 am

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Fasting Plasma Glucose	Plasma	88	< 100 mg/dl	GOD/POD,Colorimetric
<b>GLYCOSYLATED HAEMOGLOBIN (HBA1C)</b>				
HbA1c		5.2	Non-Diabetic : <= 5.6 % Pre-Diabetic : 5.7 - 6.4 % Diabetic : >= 6.5 %	HPLC
*** End Of Report ***				

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**CONSULTANT PATHOLOGIST**  
SPANV Medisearch Lifesciences Private Limited

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Phone: +91 0712 6789100

CIN: U74999MH2018PTC303510



**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mr. RAJU PURUSHOTTAM AMRU	<b>Age / Gender</b> : 55 Y(s)/Male
<b>Bill No/ UMR No</b> : BIL2324087250/UMR2324041539	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 22-Mar-24 11:12 am	<b>Report Date</b> : 22-Mar-24 12:40 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Post Prandial Plasma Glucose	Plasma	68	< 140 mg/dl	GOD/POD, Colorimetric

**Interpretation:**

Clinical Decision Value as per ADA Guidelines 2021  
Diabetes Mellites If,  
Fasting  $\geq$  126 mg/dl  
Random/2Hrs. OGTT  $\geq$  200 mg/dl  
Impaired Fasting = 100-125 mg/dl  
Impaired Glucose Tolerance = 140-199 mg/dl

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

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**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF BIOCHEMISTRY**

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**LIPID PROFILE**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Method</u>
Total Cholesterol	Serum	136 < 200 mg/dl	Enzymatic(CHE/CHO/POD)
Triglycerides		56 < 150 mg/dl	Enzymatic (Lipase/GK/GPO/POD)
HDL Cholesterol Direct		46 > 40 mg/dl	Phosphotungstic acid/mgcl-Enzymatic (microslide)
LDL Cholesterol Direct		72.5 < 100 mg/dl	Enzymatic
VLDL Cholesterol		11 < 30 mg/dl	Calculated
Tot Chol/HDL Ratio		3.0 3 - 5	Calculation

<u>Intiate therapeutic</u>	<u>Consider Drug therapy</u>	<u>LDC-C</u>
CHD OR CHD risk equivalent	>100 >130, optional at 100-129	<100
Multiple major risk factors conferring 10 yrs CHD risk >20%		
Two or more additional major risk factors, 10 yrs CHD risk <20%	>130 10 yrs risk 10-20 % >130	<130
No additional major risk or one additional major risk factor	>160 >190, optional at 160-189	<160

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

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**CLINICAL DIAGNOSTIC LABORATORY**  
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**THYROID PROFILE**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
T3	Serum	1.45	0.55 - 1.70 ng/ml	Enhanced chemiluminescence
Free T4		1.21	0.80 - 1.70 ng/dl	Enhanced Chemiluminescence
TSH		1.47	0.50 - 4.80 uIU/ml	Enhanced chemiluminescence

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

Suggested Clinical Correlation \* If necessary, Please discuss  
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**CONSULTANT PATHOLOGIST**





**CLINICAL DIAGNOSTIC LABORATORY  
DEPARTMENT OF BIOCHEMISTRY**

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**Report Date** : 22-Mar-24 11:21 am

**LIVER FUNCTION TEST(LFT)**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Total Bilirubin	Serum	0.72	0.2 - 1.3 mg/dl	Azobilirubin/Dyphylline
Direct Bilirubin		<b>0.48</b>	0.1 - 0.3 mg/dl	Calculated
Indirect Bilirubin		0.24	0.1 - 1.1 mg/dl	Duel wavelength spectrophotometric
Alkaline Phosphatase		62	38 - 126 U/L	pNPP/AMP buffer
SGPT/ALT		17	10 - 40 U/L	Kinetic with pyridoxal 5 phosphate
SGOT/AST		21	15 - 40 U/L	Kinetic with pyridoxal 5 phosphate
Serum Total Protein		6.43	6.3 - 8.2 gm/dl	Biuret (Alkaline cupric sulphate)
Albumin Serum		3.84	3.5 - 5.0 gm/dl	Bromocresol green Dye Binding
Globulin		2.59	2.0 - 4.0 gm/dl	Calculated
A/G Ratio		1.5		

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

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**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF BIOCHEMISTRY**

**Patient Name** : Mr. RAJU PURUSHOTTAM AMRU      **Age / Gender** : 55 Y(s)/Male  
**Bill No/ UMR No** : BIL2324087250/UMR2324041539      **Referred By** : Dr. Vimmi Goel MBBS,MD  
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<u>Parameter</u>	<u>Specimen</u>	<u>Result Values</u>	<u>Biological Reference</u>	<u>Method</u>
<b>RFT</b>				
Blood Urea	Serum	<b>9</b>	19.0 - 43.0 mg/dl	Urease with indicator dye
Creatinine		1.1	0.66 - 1.25 mg/dl	Enzymatic ( creatinine amidohydrolase)
GFR		79.3	>90 mL/min/1.73m square.	Calculation by CKD-EPI 2021
Sodium		144	136 - 145 mmol/L	Direct ion selective electrode
Potassium		4.84	3.5 - 5.1 mmol/L	Direct ion selective electrode

**URINE SUGAR**

**Urine Glucose**

**NOTE:**

PSA (Total)

Negative

Urine sugar Postmeal

1.14

< 4 ng/ml

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

Enhanced chemiluminescence

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**CLINICAL DIAGNOSTIC LABORATORY  
DEPARTMENT OF PATHOLOGY**

<b>Patient Name</b> : Mr. RAJU PURUSHOTTAM AMRU	<b>Age / Gender</b> : 55 Y(s)/Male
<b>Bill No/ UMR No</b> : BIL2324087250/UMR2324041539	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 22-Mar-24 10:03 am	<b>Report Date</b> : 22-Mar-24 11:04 am

**URINE MICROSCOPY**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Method</u>
<b><u>PHYSICAL EXAMINATION</u></b>			
Volume	Urine	40 ml	
Colour.		Pale yellow	
Appearance		Clear	Clear
<b><u>CHEMICAL EXAMINATION</u></b>			
Reaction (pH)		5.0	4.6 - 8.0
Specific gravity		1.010	1.005 - 1.025
Urine Protein		Negative	Negative
Sugar		Negative	Negative
Bilirubin		Negative	Negative
Ketone Bodies		Negative	Negative
Nitrate		Negative	Negative
Urobilinogen		Negative	Negative
		Normal	Normal
<b><u>MICROSCOPIC EXAMINATION</u></b>			
Epithelial Cells			Ehrlich's Reaction
R.B.C.		0-1	
Pus Cells		Absent	0 - 4 /hpf
Casts		0-1	0 - 4 /hpf
		Absent	0 - 4 /hpf
			Absent



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF PATHOLOGY**

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**Report Date** : 22-Mar-24 11:04 am

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Method</u>
Crystals		Absent *** End Of Report ***	

Suggested Clinical Correlation \* If necessary, Please discuss

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**Dr. GAURI HARDAS, MBBS,MD**  
**CONSULTANT PATHOLOGIST**



**CLINICAL DIAGNOSTIC LABORATORY  
DEPARTMENT OF IMMUNO HAEMATOLOGY**

<b>Patient Name</b> : Mr. RAJU PURUSHOTTAM AMRU	<b>Age / Gender</b> : 55 Y(s)/Male
<b>Bill No/ UMR No</b> : BIL2324087250/UMR2324041539	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 22-Mar-24 09:10 am	<b>Report Date</b> : 22-Mar-24 12:12 pm

**BLOOD GROUPING AND RH**

Gel Card Method

Parameter  
BLOOD GROUP.

<u>Specimen</u>	<u>Results</u>
EDTA Whole Blood & Plasma/ Serum	" O "

Rh (D) Typing.

" Positive "(+Ve)  
\*\*\* End Of Report \*\*\*

Suggested Clinical Correlation \* If necessary, Please discuss

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**Dr. GAURI HARDAS, MBBS,MD  
CONSULTANT PATHOLOGIST**

PATIENT NAME:	MR. RAJU PURUSHOTTAM AMRU	AGE /SEX:	55 YRS/M
UMR NO:	2324041539	BILL NO:	2324087250
REF BY	DR. VIMMI GOEL	DATE:	22/03/2024

X-RAY CHEST PA VIEW

Both the lung fields are clear.

Heart and Aorta are normal.

Both hilar shadows appear normal.

Diaphragm domes and CP angles are clear.

Bony cage is normal.

**IMPRESSION -**

- No pleuro-parenchymal abnormality seen.



**DR R.R KHANDELWAL**  
**SENIOR CONSULTANT**  
**MD, RADIODIAGNOSIS [MMC-55870]**

PATIENT NAME:	MR. RAJU AMRU	AGE /SEX:	55 YRS/M
UMR NO:	2324041539	BILL NO:	2324087250
REFERRED BY	DR. VIMMI	DATE	

**USG ABDOMEN AND PELVIS**

LIVER is normal in size and echotexture.  
 No evidence of any focal lesion seen. Intrahepatic biliary radicals are not dilated.  
 PORTAL VEIN and CBD are normal in course and caliber.

GALL BLADDER is physiologically distended. No stones or sludge seen within it.  
 Wall thickness is within normal limits.

Visualized head and body of PANCREAS is normal in shape, size and echotexture.

SPLEEN is normal in size, shape and echotexture. No focal lesion seen.

Both KIDNEYS are normal in shape, size and echotexture.  
 No evidence of calculus or hydronephrosis seen.  
 URETERS are not dilated.


URINARY BLADDER is partially distended. No calculus or mass lesion seen.  
 Prevoid volume – 164 cc.  
 Postvoid volume – 13 cc.

Prostate is mildly enlarged in size. Approximate volume is 29 cc.

There is no free fluid seen.

**IMPRESSION:**

Mild prostatomegaly.  
 Suggest clinical correlation / further evaluation.

  
 DR. R.R. KHANDELWAL  
 SENIOR CONSULTANT  
 MD RADIO DIAGNOSIS [MMC-55870]

  
 DR. NAYAN KAMBLE  
 RESIDENT DOCTOR

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**2D ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT**

Patient Name : Mr. Raju Purushottam Amru  
 Age : 55 years / Male  
 UMR : UMR2324041539  
 Date : 22/03/2024  
 Done by : Dr. Vimmi Goel  
 ECG : NSR, WNL  
 Blood pressure: 118/62 mm Hg (Right arm, Supine position)  
 BSA : 1.63 m<sup>2</sup>

**Impression: Normal 2D Echocardiography Study**

**Normal chambers dimensions**  
**No RWMA of LV at rest**  
**Good LV systolic function, LVEF 70%**  
**Normal LV diastolic function**  
**E/A is 1.5**  
**E/E' is 8.1 (Normal filling pressure)**  
**Valves are normal**  
**Trivial MR**  
**No pulmonary hypertension**  
**IVC is normal in size and collapsing well with respiration**  
**No clots or pericardial effusion**

**Comments:**

Sector echocardiography was performed in various conventional views (PLAX, SSAX, AP4 CH and 5 CH views). LV size normal. There is no RWMA of LV seen at rest. Good LV systolic function. LVEF 70%. Normal LV diastolic function. E Velocity is 103 cm/s, A Velocity is 69 cm/s. E/A is 1.5. Valves are normal. Trivial MR. No Pulmonary Hypertension. IVC normal in size and collapsing well with respiration. Pericardium is normal. No clots or pericardial effusion seen.  
 E' at medial mitral annulus is 12.8 cm/sec & at lateral mitral annulus is 12.5 cm/sec.  
 E/E' is 8.1 (Average).

**M Mode echocardiography and dimension:**

	Normal range (mm)		Observed (mm)
	(adults)	(children)	
Left atrium	19-40	7-37	32
Aortic root	20-37	7-28	30
LVIDd	35-55	8-47	40
LVIDs	23-39	6-28	24
IVS (d)	6-11	4-8	09
LVPW (d)	6-11	4-8	10
LVEF %	~ 60%	~60%	70%
Fractional Shortening			40%

*(Signature)*  
**Dr. Vimmi Goel**  
**MD, Sr. Consultant**  
**Non-invasive Cardiology**  
**Fellow Indian Academy of Echocardiography (FIAE)**



MR RAJU AMRU  
Male

55 Years

Rate 53 Sinus rhythm

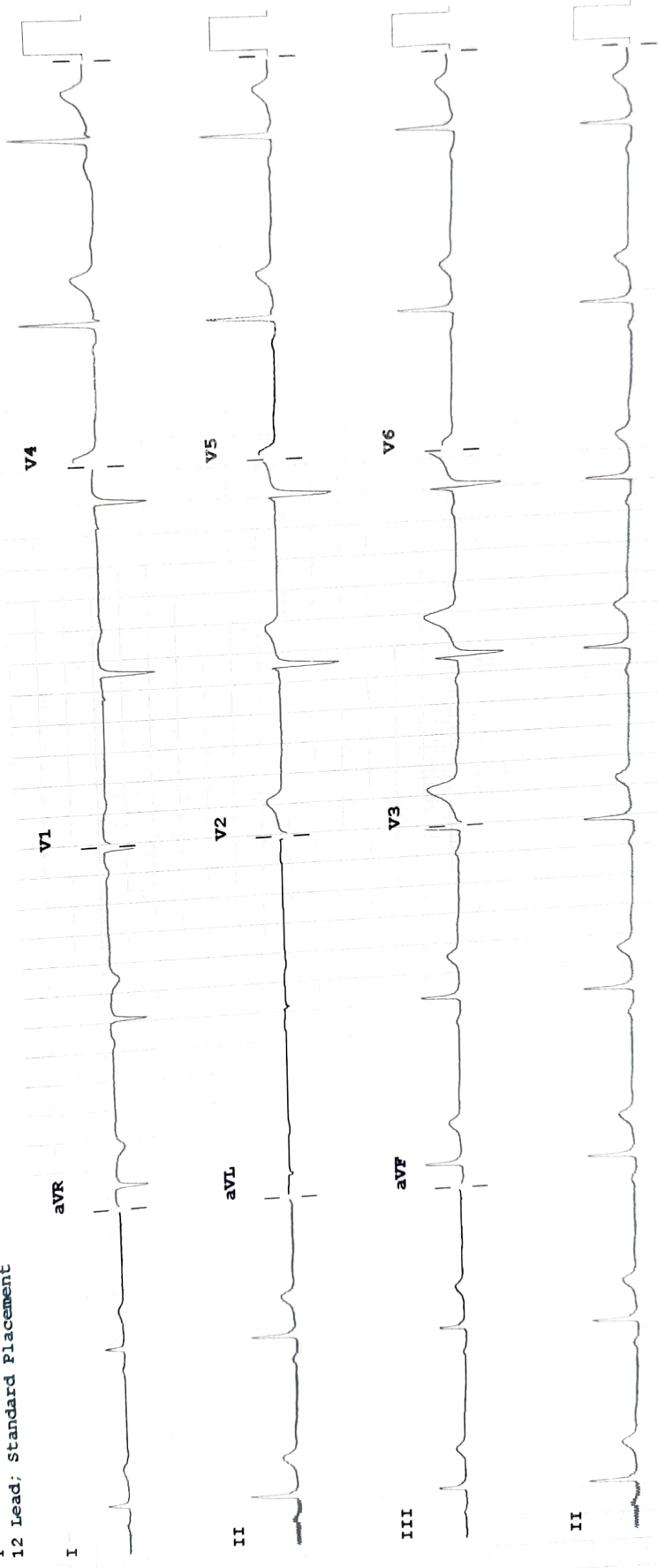
PR 172  
QRSD 99  
QT 393  
QTc 369

--AXIS--  
P 51  
QRS 63  
T 67

12 Lead; Standard Placement

- NORMAL ECG -

Unconfirmed Diagnosis



Device:

Speed: 25 mm/sec

Limb: 10 mm/mV

Chest: 10.0 mm/mV

100B CL

P?

F 50~ 0.50-150 Hz W