



# L. N. MEDICAL COLLEGE & J. K. HOSPITAL

( A MCI APPROVED / ISO 9001:2008 CERTIFIED INSTITUTE )



## DR. VIVEK TRIPATHI

MD, DM (CARDIOLOGY)

INTERVENTIONAL CARDIOLOGIST

Ex. ASSOCIATE PROFESSOR &

HOD CARDIOLOGY, (BMHRC. BHOPAL)

## DEPARTMENT OF CARDIOLOGY

### 2D ECHO & COLOUR DOPPLER REPORT

Name: MR. RAJPAL SINGH	Age/Sex: 38 Y/M	OPD No. 93671
Referred By: CARDIOLOGY	Date: 08.03.2025	IPD .No.

#### LV

RV Diameter	21.2	mm
IV septum (dia)	10.0	mm
LV diameter (dia)	42.0	mm
LV post. Wall (dia)	10.0	mm
LV diameter (sys)	28.4	mm
Ejection fraction	60	%

#### AORTA/LA

AO diameter	19.2	mm
Left atrium	32.1	mm

### IMPRESSION

- Tachycardia During Study
- No MR / No TR
- No Pericardial Effusion
- No LA / LV Clot
- No RWMA
- Normal LV Function
- LVEF= 60%

Dr. VIVEK TRIPATHI MD (DM Cardiologist)

Dept. of Cardiology



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## RADIOLOGY REPORT


Patient Name	RAJPAL SINGH RAJPUT 38Y M			Age & Sex	&
Patient UHID		Patient ID	93671 OPD	Study Date	08-Mar-2025
Patient Type		Modality	DX	Report Date & Time	
Consulting Dr.			Referred By		
Study Name	CHEST				

### CHEST X-RAY PA VIEW

- Trachea is **central** in position.
- Cardiac configuration & cardiothoracic ratio is **normal**.
- Costophrenic angle & cardiophrenic angles are **well defined and normal**.
- Diaphragm – **normal** in position & contour.
- Bones in view are **normal**.
- Soft tissue is **normal**.
- Lung fields are **normal** in translucency & lung markings on both sides.

IMPRESSION :- No obvious lung abnormality is seen.

Adv:-Correlate clinically.

  
**Department of Radiology**  
Consultant radiologist  
**L.N. Medical College & J.K. Hospital**  
Kolar Road, Bhopal (M.P.)



J.K. Town, Sarvadharam, C-Sector, Kolar Road, Bhopal - 462042 (M.P.)  
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PATHOLOGY REPORT

**DEPARTMENT OF HAEMATOLOGY**

NAME:	RAJPAL	AGE / SEX	38Y/M	DATE	08/03/2025
REF BY:	OPD	OPD / IPD NO:	093671	LAB NO:	02

**HAEMATOLOGY**

TEST :	TEST VALUE	UNITS	NORMAL VALUE
HAEMOGLOBIN	16.2	Gm%	M: 13.0-17.0, F :12.0-15.0
E.S.R. (Wintrobe)	10	Mm/FHR	M: 0-9 , F: 0-20
TOTAL LEUCOCYTE COUNT	8.1	10 <sup>9</sup> /L	4.0-11.0
DIFFERENTIAL			
POLYMORPHS	63	%	40-80
LYMPHOCYTES	30	%	20-40
MONOCYTES	05	%	2-10
EOSINOPHILS	02	%	1-6
BASOPHILS	00	%	0-1
PLATELET COUNT:	121	10 <sup>9</sup> /L	150-450
BLOOD GROUP	"B" POSITIVE		

Due to technical limitation please correlate clinically. Not for medical legal purpose.

TECHNICIAN

PATHOLOGIST

(TUTOR)



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MC-5516

**DEPARTMENT OF CLINICAL PATHOLOGY****PATHOLOGY REPORT**

NAME:	RAJPAL	AGE/SEX:	38 Y/M	DATE:	08/03/2025
REF BY:	OPD	OPD/IPD NO:		LAB NO:	02

**URINE ANALYSIS**

PHYSICAL EXAMINATION	RESULT	RANGE	METHOD
VOLUME	25		VISUAL INSPECTION
COLOUR	PALE YELLOW		VISUAL INSPECTION
APPEARANCE	CLEAR		VISUAL INSPECTION
<b>CHEMICAL EXAMINATION(DIPSTICK METHOD)</b>			
GLUCOSE	ABSENT	ABSENT	GLUCOSE OXIDASE/PEROXIDASE REACTION
ALBUMIN	ABSENT	ABSENT	TETRABROMPHENOL BLUE INDICATOR
KETONE	ABSENT	ABSENT	SODIUM NITROPRUSSIDE REACTION
pH	6.0	4.8 TO 8.0	DOUBLE INDICATOR PRINCIPLE
<b>MICROSCOPIC EXAMINATION</b>			
WBC	2-3	ABSENT	MICROSCOPY
RBC	ABSENT	ABSENT	MICROSCOPY
EPITH CELLS	1-2	ABSENT	MICROSCOPY
CASTS	ABSENT	ABSENT	MICROSCOPY
CRYSTAL	ABSENT	ABSENT	MICROSCOPY
BACTERIA	ABSENT	ABSENT	MICROSCOPY
FUNGUS	ABSENT	ABSENT	MICROSCOPY
AMORPHOUS MATERIAL	ABSENT	ABSENT	MICROSCOPY

- Due to technical limitation please correlate clinically. Not for medico-legal purpose.
- 

TECHNICIAN

PATHOLOGIST

*Uma*

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**CLINICAL BIOCHEMISTRY LABORATORY**  
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MC-5516

Name	RAJPAL	Age/sex	38Y/M	Date	8/3/2025	<b>PATHOLOGY REPORT</b>
Ref by	OPD	OPD NO.	93671	LAB NO	02	

TEST	RESULT	REFERENCE INTERVAL *
<b><u>PLASMA GLUCOSE</u></b>		
Fasting	106	70 - 110 mg/dL
Postprandial		< 140 mg/dL
Random		60 - 145 mg/dL
<b><u>RENAL FUNCTION TESTS</u></b>		
Serum Urea	20	15 - 39 mg/dL
Serum Creatinine	1.02	0.55 - 1.30 mg/dL
<b><u>SERUM ELECTROLYTES</u></b>		
Sodium		135 - 145 mmol/L
Potassium		3.5 - 5.0 mmol/L
Chloride		98 - 110 mmol/L
<b><u>SERUM LIVER FUNCTION TESTS</u></b>		
Total Bilirubin	0.5	0.2 - 1.0 mg/dL
Direct Bilirubin	0.19	0.0 - 0.2 mg/dL
Indirect Bilirubin	0.35	0.1 - 0.9 mg/dL
SGOT/AST	19	15 - 37 U/L
SGPT/ALT	21	12 - 78 U/L
Alkaline Phosphatase	79	46 - 116 U/L
Total Protein	8.0	6.4 - 8.2 g/dL
Albumin	5.0	3.1 - 5.0 g/dL
Globulin	2.9	2.3 - 4.1 g/dL
Albumin/Globulin Ratio	1.7	> 0.85
<b><u>SERUM LIPID PROFILE</u></b>		
Total Cholesterol	216	< 200 mg/dL
Triglycerides	114	< 150 mg/dL
HDL-Cholesterol	47	< 40 (low); >60 mg/dL (high)
LDL-Cholesterol	163	< 130 mg/dL
VLDL-Cholesterol	23	< 30 mg/dL
<b><u>CARDIAC MARKERS</u></b>		
Serum CK-MB		< 5.1 ng/mL
Troponin -I		<0.04 ng/ml(-ve); ≥0.04ng/ml(+ve)
<b><u>OTHERS</u></b>		
Serum Total Calcium		8.5 - 10.1 mg/dL
Serum Uric Acid		2.6-6(F); 3.5-7.2mg/dL(M)
Serum Amylase		25-115 U/L
Serum Lipase		≤60 U/L
CRP		<5.0 mg/L
LDH		130-250 U/L

\*Reference interval given is of adults

TECHNICIAN *[Signature]*

CLINICAL BIOCHEMIST *[Signature]*



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MC-5516

**PATHOLOGY REPORT**

NAME	RAJPAL	AGE/SEX	38Y/M	DATE	08.03.2025
REF BY	OPD	IPD/OPD NO.	93671	LAB NO.	02

THYROID PROFILE, TOTAL, SERUM (CLIA- Chemiluminescent immunoassay)			
TEST NAME	RESULTS	UNITS	REF. RANGE
T3	1.37	ng/mL	0.58 – 1.62
T4	9.22	µg/dL	5.00 – 14.5
TSH	2.30	µIU/mL	0.35 – 5.10

**Interpretation**

PREGNANCY	REFERENCE RANGE for TSH in µIU/ml (As per American Thyroid Association)
1 <sup>st</sup> Trimester	0.10-2.50
2 <sup>nd</sup> Trimester	0.20-3.00
3 <sup>rd</sup> Trimester	0.30-3.00

**Note :-**

1. TSH levels are subjected to circadian variation, reaching peak levels between 2-4 a.m. and at a minimum between 6-10p.m. The variation is of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.
2. Fasting sample is desirable for serum TSH estimation.
3. Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
4. Physiological rise in Total T3 /T4 levels is seen in pregnancy and in patients on steroid therapy.

**Clinical Use**

- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic – Pituitary hypothyroidism
- Inappropriate TSH secretion
- Non thyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders
- Thyroid dysfunction in infancy and early childhood.

TECHNICIAN

BIOCHEMIST



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## CLINICAL BIOCHEMISTRY LABORATORY

MC-5516

### PATHOLOGY REPORT

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*[Signature]*  
TECHNICIAN

Provisional Report  
Department of Biochemistry  
CLINICAL BIOCHEMIST  
L. N. Medical College & J. K. Hospital  
Kolar Road, Bhopal



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35 Years

RAJPAI RAJPUT  
Male

3/8/2025 12:32:10 PM

L.N. M.C JK HOSPITAL

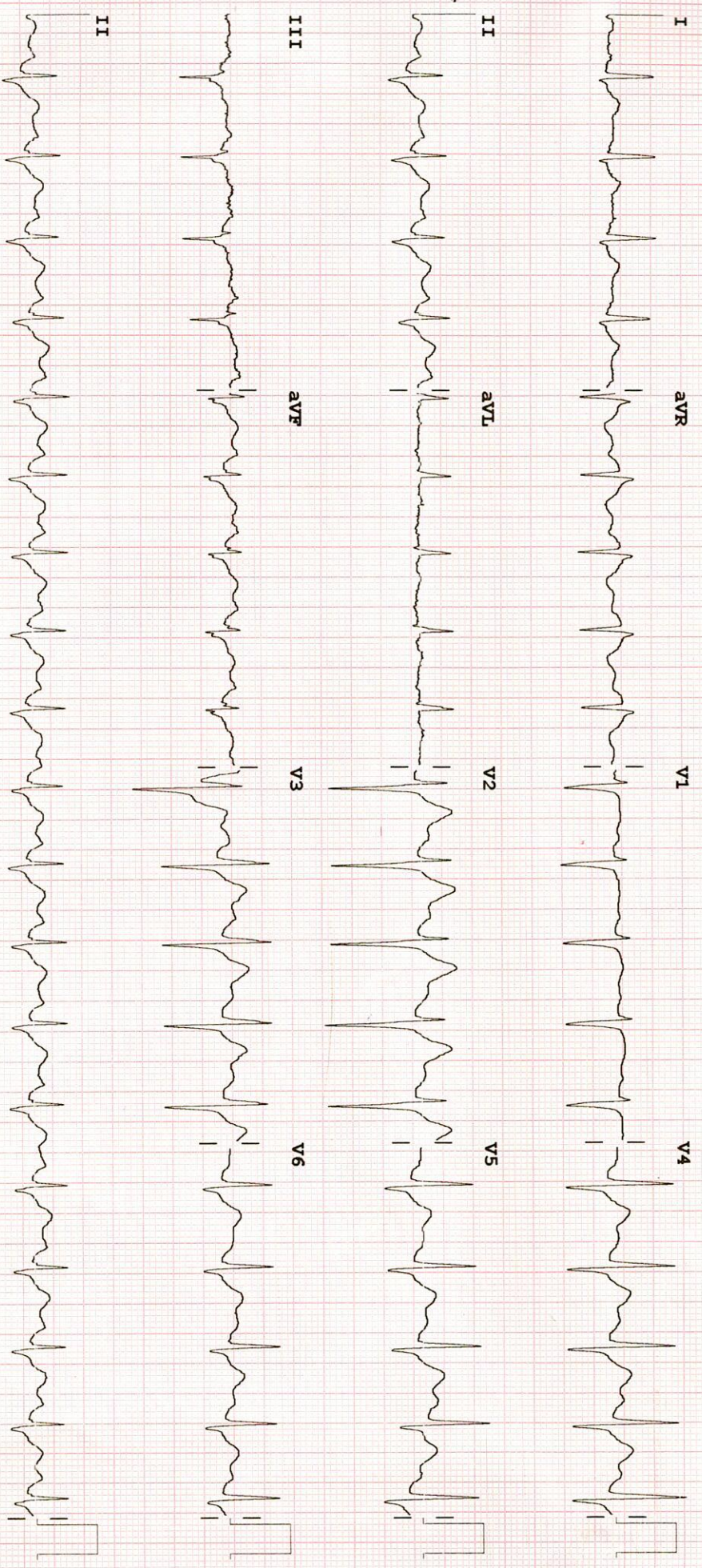
CARDIOLOGY (142)

Rate	114	Sinus tachycardia	rate > 99
PR	193	Baseline wander in lead(s) V1	
QRSD	99		
QT	323		
QTc	445		

--AXIS--  
 P 68  
 QRS -10  
 T 41  
 12 Lead, Standard Placement

- OTHERWISE NORMAL ECG -

Unconfirmed Diagnosis



Device: Speed: 25 mm/sec, Limb: 10 mm/mV, Chest: 10.0 mm/mV

for PHILIPS

REORDER M2483A

F	50	0.50-1.00	Hz	W
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1000	cm	72
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## RADIOLOGY REPORT

Name: Mr. Rajpal Singh	Age / Sex: 38Y /M
Referred By : CGHS	Date: 08/03/2025
Patient ID: 93671	

### USG ABDOMEN & PELVIS

**LIVER** : Normal in size **12.4cm**, shape and echotexture. The intrahepatic biliary channels are unremarkable. Portal and hepatic venous are normal in appearance. The portal vein and common bile duct are normal in caliber.

- **E/o heterogeneous hyperechoic lesion measuring of size approx. 1.1x1.1cm seen in segment I/II of right lobe of liver s/o hemangioma**

**GB** : Wall smooth and thin – contents echofree. No e/o pericholecystic collection.

**SPLEEN** : Normal in size **9.3cm**, shape and echotexture.

**PANCREAS** : Visualized region is normal in outline and shows homogenous parenchymal echotexture.

**KIDNEYS** : Normal in size shape and location. Corticomedullary differentiation is maintained and pelvicalyceal system is compact . No e/o obstructive changes in the collecting system.

**ILIAC FOSSA**: Normal in appearance – no obvious lymphadenopathy or free fluid seen in the abdominal cavity

**UB**: Wall smooth contents echofree.

**PROSTATE**: Normal in size (**vol-21cc**) shape and echotexture.

**IMPRESSION**: Ultrasonography study of abdomen and pelvis reveals –

- **Hemangioma in right lobe of liver as described**

**ADVICE** : Clinical correlation

Dr. Valsnavi Reddy  
Reg. No. MP-2005  
*[Signature]*  
CONSULTANT RADIOLOGIST



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