



# 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.SUMIT SANTANI	Age/Sex: 33 Y/M	OPD No. 093961
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

- 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	SUMIT SANTANI 33Y M			Age & Sex	&
Patient UHID		Patient ID	93961 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.

  
 Consultant Radiologist  
**Department of Radiology**  
**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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MC-5516

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

NAME:	SUMIT	AGE/SEX:	33Y/M	DATE:	08/03/2025
REF BY:	OPD	OPD/IPD NO:	939661	LAB NO:	06

**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

*Um9*

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PATHOLOGY REPORT

**DEPARTMENT OF HAEMATOLOGY**

NAME:	SUMIT	AGE / SEX	33 Y/M	DATE	08/03/2025
REF BY:	OPD	OPD / IPD NO:	939661	LAB NO:	06

**HAEMATOLOGY**

TEST :	TEST VALUE	UNITS	NORMAL VALUE
HAEMOGLOBIN	15.5	Gm%	M: 13.0-17.0, F :12.0-15.0
E.S.R. (Wintrobe)	06	Mm/FHR	M: 0-9 , F: 0-20
TOTAL LEUCOCYTE COUNT	5.0	10 <sup>9</sup> /L	4.0-11.0
DIFFERENTIAL			
POLYMORPHS	62	%	40-80
LYMPHOCYTES	32	%	20-40
MONOCYTES	04	%	2-10
EOSINOPHILS	02	%	1-6
BASOPHILS	00	%	0-1
PLATELET COUNT:	308	10 <sup>9</sup> /L	150-450
BLOOD GROUP	"O" POSITIVE		

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PATHOLOGIST

(TUTOR)  






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CLINICAL BIOCHEMISTRY LABORATORY

MC-5516



PATHOLOGY REPORT

NAME	SUMIT	AGE/SEX	33Y/M	DATE	08.03.2025
REF BY	OPD	IPD/OPD NO.	9361	LAB NO.	06

THYROID PROFILE, TOTAL, SERUM (CLIA- Chemiluminescent immunoassay)			
TEST NAME	RESULTS	UNITS	REF. RANGE
T3	1.10	ng/mL	0.58 – 1.62
T4	6.09	µg/dL	5.00 – 14.5
TSH	1.37	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 :-**

- 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.
- Fasting sample is desirable for serum TSH estimation.
- Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
- 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.

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CLINICAL BIOCHEMISTRY LABORATORY

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**PATHOLOGY REPORT**

Name	SUMIT	Age/sex	33Y/M	Date	8/3/2025
Ref by	OPD	OPD NO.	93961	LAB NO	06
TEST	RESULT	REFERENCE INTERVAL *			
<b><u>PLASMA GLUCOSE</u></b>					
Fasting	94	70 - 110 mg/dL			
Postprandial	99	< 140 mg/dL			
Random		60 - 145 mg/dL			
<b><u>RENAL FUNCTION TESTS</u></b>					
Serum Urea	19	15 - 39 mg/dL			
Serum Creatinine	0.91	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	0.4	0.2 - 1.0 mg/dL			
Direct Bilirubin	0.13	0.0 - 0.2 mg/dL			
Indirect Bilirubin	0.27	0.1 - 0.9 mg/dL			
SGOT/AST	45	15 - 37 U/L			
SGPT/ALT	84	12 - 78 U/L			
Alkaline Phosphatase	118	46 - 116 U/L			
Total Protein	7.2	6.4 - 8.2 g/dL			
Albumin	4.7	3.1 - 5.0 g/dL			
Globulin	2.5	2.3 - 4.1 g/dL			
Albumin/Globulin Ratio	1.9	> 0.85			
<b><u>SERUM LIPID PROFILE</u></b>					
Total Cholesterol	256	< 200 mg/dL			
Triglycerides	253	< 150 mg/dL			
HDL-Cholesterol	30	< 40 (low); > 60 mg/dL (high)			
LDL-Cholesterol	214	< 130 mg/dL			
VLDL-Cholesterol	51	< 30 mg/dL			
<b><u>CARDIAC MARKERS</u></b>					
Serum CK-MB		< 5.1 ng/mL			
Troponin -I		< 0.04 ng/ml (-ve); ≥ 0.04 ng/ml (+ve)			
<b><u>OTHERS</u></b>					
Serum Total Calcium		8.5 - 10.1 mg/dL			
Serum Uric Acid		2.6-6(F); 3.5-7.2 mg/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

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



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33 Years

SUMIT SANTANI  
Male

3/8/2025 12:26:41 PM

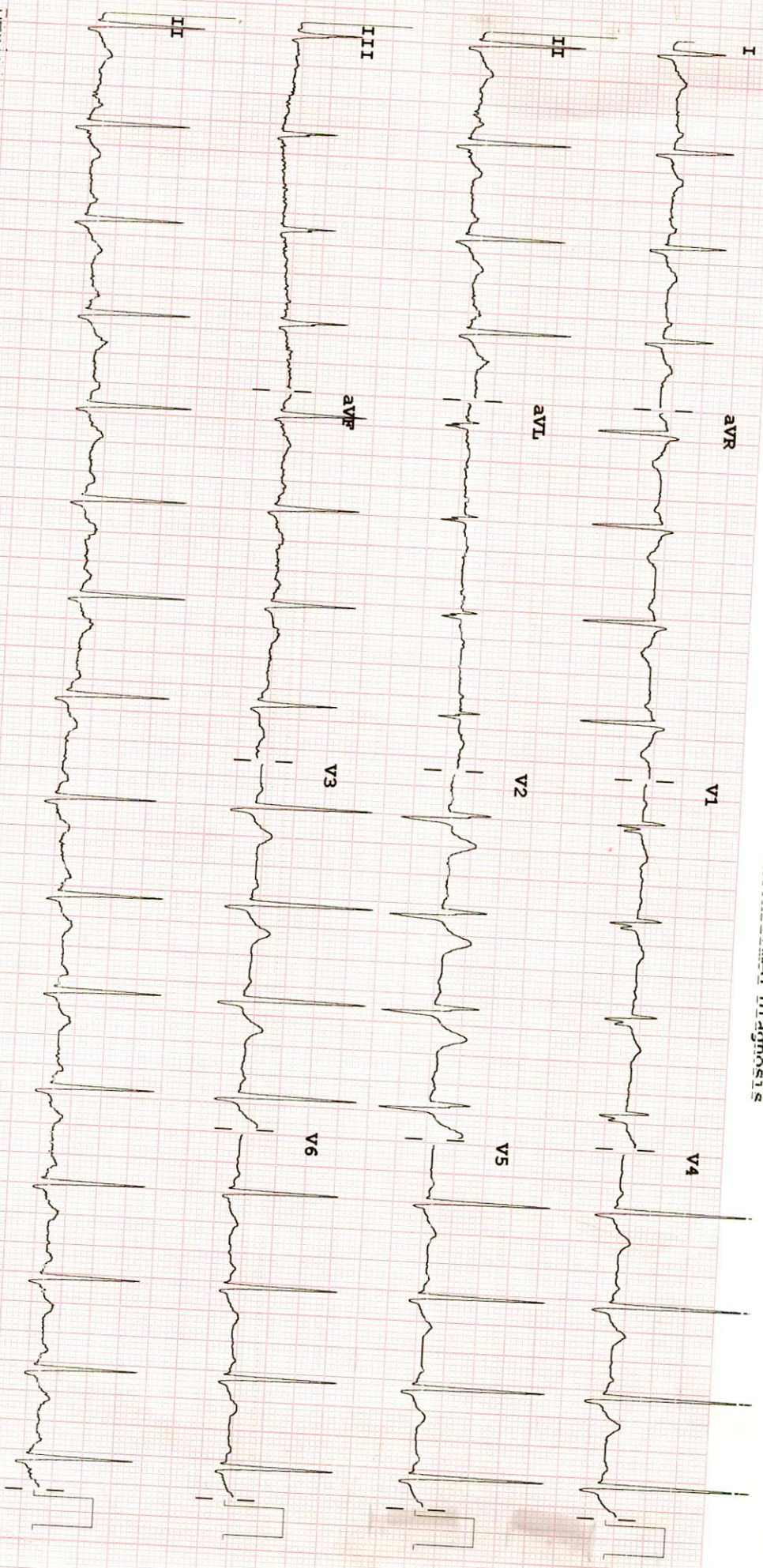
L.N. M.C JK HOSPITAL

CARDIOLOGY (142)

Rate 93 Sinus rhythm  
 PR 136 Baseline wander in lead(s) II, III, aVR, aVF, V1, V3, V5, V6 Normal P axis, V-rate 50-99  
 QRSD 99  
 QT 333  
 QTc 415  
 --AXIS--  
 P 49  
 QRS 64  
 T 32  
 12 Lead: Standard placement

- NORMAL ECG -

Unconfirmed Diagnosis



Device:  
 Speed: 25 mm/sec  
 Lead: 10 mm/mV  
 Chest: 10.0 mm/mV  
 for PHILIPS

50 0.50-100 64 W 1000 CL P3

REORDER M2423A





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## RADIOLOGY REPORT

Name: Mr. Sumit	Age / Sex: 33Y /M
Referred By : CGHS	Date: 08/03/2025
Patient ID: 93961	

### USG ABDOMEN & PELVIS

**LIVER** : Normal in size **14.2cm with raised echotexture** - no e/o focal lesion. 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.

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

**SPLEEN** : Normal in size **7.9cm**, 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-9cc**) shape and echotexture.

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

- **Fatty liver grade I.**

**ADVICE** : Clinical correlation

Dr. Veishnavi Rai  
CONSULTANT RADIOLOGIST

Department of Radiology  
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