



# 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.GANESH SAHU	Age/Sex: 29 Y/M	OPD No. 093852
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	GANESH SAHU 29Y M			Age & Sex	&
Patient UHID		Patient ID	93852 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.)



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PATHOLOGY REPORT

## DEPARTMENT OF HAEMATOLOGY

NAME:	GANESH	AGE/SEX	29Y/M	DATE	08/03/2025
REF BY:	OPD	OPD/IPD NO:	093852	LAB NO:	04

### HAEMATOLOGY

TEST :	TEST VALUE	UNITS	NORMAL VALUE
HAEMOGLOBIN	16.0	Gm%	M: 13.0-17.0, F :12.0-15.0
E.S.R. (Wintrobe)	18	Mm/FHR	M: 0-9 , F: 0-20
TOTAL LEUCOCYTE COUNT	7.4	10 <sup>9</sup> /L	4.0-11.0
DIFFERENTIAL			
POLYMRPHS	62	%	40-80
LYMPHOCYTES	30	%	20-40
MONOCYTES	06	%	2-10
EOSINOPHILS	02	%	1-6
BASOPHILS	00	%	0-1
PLATELET COUNT:	258	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:	GANESH	AGE/SEX:	29 Y/M	DATE:	08/03/2025
REF BY:	OPD	OPD/IPD NO:	093852	LAB NO:	04

**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

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- 

TECHNICIAN

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*Uma*

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**L. N. MEDICAL COLLEGE & J. K. HOSPITAL****CLINICAL BIOCHEMISTRY LABORATORY**

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MC-5516

NABH  
ACCREDITED

TEST	RESULT	REFERENCE INTERVAL *
<b>Name</b> GANESH		
<b>Age/sex</b> 29Y/M		
<b>Date</b> 8/3/2025		
<b>Ref by</b> OPD		
<b>OPD NO.</b> 93852		
<b>LAB NO</b> 04		
<b>PATHOLOGY REPORT</b>		
<b>PLASMA GLUCOSE</b>		
Fasting	85	70 - 110 mg/dL
Postprandial		< 140 mg/dL
Random		60 - 145 mg/dL
<b>RENAL FUNCTION TESTS</b>		
Serum Urea	18	15 - 39 mg/dL
Serum Creatinine	0.97	0.55 - 1.30 mg/dL
<b>SERUM ELECTROLYTES</b>		
Sodium		135 - 145 mmol/L
Potassium		3.5 - 5.0 mmol/L
Chloride		98 - 110 mmol/L
<b>SERUM LIVER FUNCTION TESTS</b>		
Total Bilirubin	1.1	0.2 - 1.0 mg/dL
Direct Bilirubin	0.40	0.0 - 0.2 mg/dL
Indirect Bilirubin	0.69	0.1 - 0.9 mg/dL
SGOT/AST	30	15 - 37 U/L
SGPT/ALT	41	12 - 78 U/L
Alkaline Phosphatase	83	46 - 116 U/L
Total Protein	8.1	6.4 - 8.2 g/dL
Albumin	4.6	3.1 - 5.0 g/dL
Globulin	3.5	2.3 - 4.1 g/dL
Albumin/Globulin Ratio	1.3	> 0.85
<b>SERUM LIPID PROFILE</b>		
Total Cholesterol	174	< 200 mg/dL
Triglycerides	82	< 150 mg/dL
HDL-Cholesterol	32	< 40 (low); > 60 mg/dL (high)
LDL-Cholesterol	140	< 130 mg/dL
VLDL-Cholesterol	16	< 30 mg/dL
<b>CARDIAC MARKERS</b>		
Serum CK-MB		< 5.1 ng/mL
Troponin -I		< 0.04 ng/ml (-ve); ≥ 0.04 ng/ml (+ve)
<b>OTHERS</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

TECHNICIAN CLINICAL BIOCHEMIST 

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**CLINICAL BIOCHEMISTRY LABORATORY**

MC-5516

**PATHOLOGY REPORT**

NAME	GANESH	AGE/SEX	29Y/M	DATE	08.03.2025
REF BY	OPD	IPD/OPD NO.	93852	LAB NO.	04

THYROID PROFILE, TOTAL, SERUM (CLIA- Chemiluminescent immunoassay)			
TEST NAME	RESULTS	UNITS	REF. RANGE
T3	1.07	ng/mL	0.58 – 1.62
T4	6.37	µg/dL	5.00 – 14.5
TSH	1.36	µU/mL	0.35 – 5.10

**Interpretation**

PREGNANCY	REFERENCE RANGE for TSH in µU/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.

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TECHNICIAN

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



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29 Years

GANESH  
Male

3/8/25 12:24:20 PM

L.N. M.C. JR HOSPITAL

CARDIOLOGY (142)

Rate	64
PR	154
QRSD	76
QT	355
QTc	367

Simus rhythm  
Baseline wander in Lead(s) V2

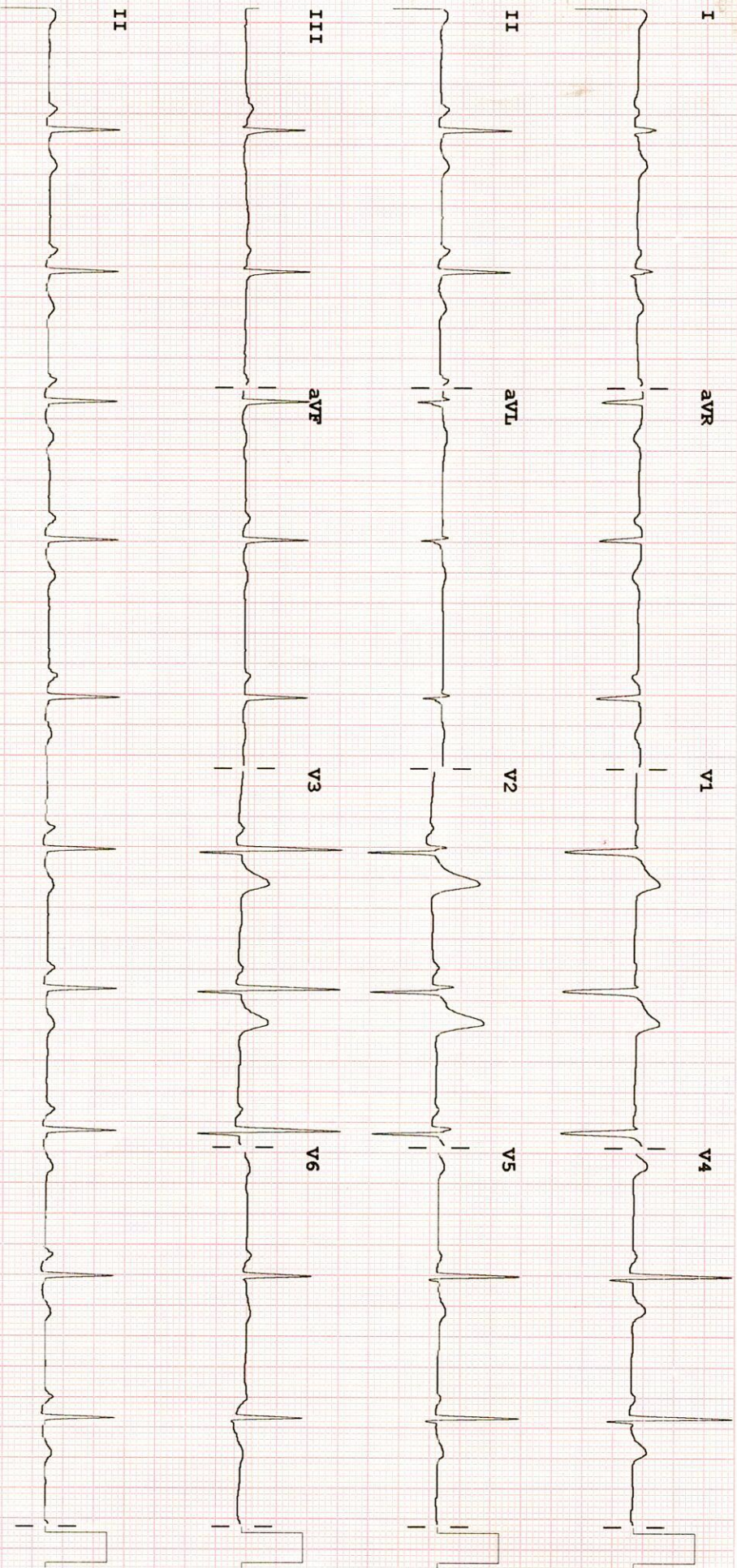
normal P axis, V-rate 50-99

--AXIS--  
P 56  
QRS 71  
T 26

- NORMAL ECG -

Unconfirmed Diagnosis

12 Lead, Standard Placement



Device:

Speed: 25 mm/sec

Time: 10 mm/AV

Dist: 10.0 mm/AV

for PHILIPS

REORDER M2483A

P 50-100 Hz W

1000 CH

P3





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RADIOLOGY REPORT

Name: Mr. Ganesh	Age / Sex: 29Y /M
Referred By : CGHS	Date: 08/03/2025
Patient ID: 93852	

## USG ABDOMEN & PELVIS

**LIVER** : Normal in size **12.3cm**, shape and echotexture with 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 **8.8cm**, 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-14cc**) shape and echotexture.

**IMPRESSION**: Ultrasonography study of abdomen and pelvis reveals no significant abnormality.

**ADVICE** : Clinical correlation

Dr. Vaishnavi Rai  
Rai

CONSULTANT RADIOLOGIST



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