



Reg. No. /NH/101/Apr. - 08

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

AN ISO 9001:2008 Certified Hospital

PATHOLOGY REPORT

DEPARTMENT OF HAEMATOLOGY

| | | | | | |
|---------|--------|---------------|--------|---------|------------|
| NAME: | LAKHAN | AGE / SEX | 31 Y/M | DATE | 24/02/2025 |
| REF BY: | OPD | OPD / IPD NO: | 100049 | LAB NO: | 01 |


HAEMATOLOGY

| TEST : | TEST VALUE | UNITS | NORMAL VALUE |
|-----------------------|--------------|--------------------|----------------------------|
| HAEMOGLOBIN | 14.8 | Gm% | M: 13.0-17.0, F :12.0-15.0 |
| E.S.R. (Wintrobe) | | Mm/FHR | M: 0-9 , F: 0-20 |
| TOTAL LEUCOCYTE COUNT | 10.7 | 10 ⁹ /L | 4.0-11.0 |
| DIFFERENTIAL | | | |
| POLYMORPHS | 63 | % | 40-80 |
| LYMPHOCYTES | 31 | % | 20-40 |
| MONOCYTES | 04 | % | 2-10 |
| EOSINOPHILS | 02 | % | 1-6 |
| BASOPHILS | 00 | % | 0-1 |
| PLATELET COUNT: | 378 | 10 ⁹ /L | 150-450 |
| BLOOD GROUP | "O" POSITIVE | | |

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

TECHNICIAN

PATHOLOGIST



(SIGNATURE)



Reg. No. /NH/101/Apr. - 08

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

AN ISO 9001:2008 Certified Hospital

DEPARTMENT OF CLINICAL PATHOLOGY**PATHOLOGY REPORT**

| | | | | | |
|---------|--------|---------------|--------|---------|------------|
| NAME: | LAKHAN | AGE / SEX | 31Y/M | DATE | 24/02/2025 |
| REF BY: | OPD | OPD / IPD NO: | 100049 | LAB NO: | 01 |

URINE ANALYSIS**PHYSICAL EXAMINATION**

VOLUME : 25 ML
 COLOUR : PALE YELLOW
 APPEARANCE : CLEAR
 SP.GRAVITY : 1.015
 (pH) : 6.5

CHEMICAL EXAMINATION

ALBUMIN : ABSENT
 SUGAR : ABSENT
 KETONE : ABSENT
 BILE SALT : -----
 BILE PIGMENT : -----
 OTHERS : ---

MICROSCOPIC EXAMINATION

PUS CELLS : 2-3 /HPF
 RBC : ABSENT
 EPITH.CELLS : 1-2 /HPF
 CRYSTAL : NOT SEEN.
 CASTS : NOT SEEN.
 BACTERIA : NOT SEEN
 FUNGUS : ABSENT
 AMORPHOUS MATERIAL : NOT SEEN.
 OTHERS : NOT SEEN.

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

TECHNICIAN

← **PATHOLOGIST**
 (TUTOR)



Reg. No. /NH/101/Apr. - 08

L. N. MEDICAL COLLEGE & J. K. HOSPITALHEMATOLOGY DEPARTMENT
AN ISO 9001:2008 Certified Hospital

| | | | | | |
|--------|--------|---------|--------|------------------|----|
| NAME | LAKHAN | AGE/SEX | 31Y/M | PATHOLOGY REPORT | |
| REF BY | OPD | OPD No. | 100019 | LAB NO. | 01 |

| TEST NAME | RESULTS | UNITS |
|---|---------|-------|
| HbA1c (GLYCOSYLATED HEMOGLOBIN), BLOOD (Turbidimetric inhibition immunoassay) | 5.5 | % |

Interpretation

As per American Diabetes Association (ADA)

| | |
|--|--|
| Reference Group | HbA1c in % |
| Non diabetic adults > =18 years | 4.0 -6.0 |
| At risk | >=6.0 to <= 6.5 |
| Diagnosing Diabetes | > 6.5 |
| Therapeutic goals for glycemic Control | Age > 19 years · Goal of therapy : < 7.0 · Action suggested : > 8.0 Age < 19 years · Goal of therapy: <7.5 |

Note

1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled.
2. Target goals of < 7.0 % may be beneficial in patient with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal < 7.0 % may not be appropriate.

Comments

HbA1c provides an index of average blood glucose levels over the past 8- 12 weeks and is a much better indicator of long glycemic control as compared to blood and urinary glucose determinations.

TECHNICIAN

PATHOLOGIST



Reg. No. /NH/101/Apr. - 08

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

MC-0516

PATHOLOGY REPORT

| Name | LAKHAN | Age/sex | 31Y/M | Date | 24/2/2025 |
|--|--------|--|-------|--------|-----------|
| Ref by | OPD | OPD NO. | 7820 | LAB NO | 01 |
| TEST | RESULT | REFERENCE INTERVAL * | | | |
| <u>PLASMA GLUCOSE</u> | | | | | |
| Fasting | 73 | 70 - 110 mg/dL | | | |
| Postprandial | | < 140 mg/dL | | | |
| Random | | 60 - 145 mg/dL | | | |
| <u>RENAL FUNCTION TESTS</u> | | | | | |
| Serum Urea | 21 | 15 - 39 mg/dL | | | |
| Serum Creatinine | 0.60 | 0.55 - 1.30 mg/dL | | | |
| <u>SERUM ELECTROLYTES</u> | | | | | |
| Sodium | | 135 - 145 mmol/L | | | |
| Potassium | | 3.5 - 5.0 mmol/L | | | |
| Chloride | | 98 - 110 mmol/L | | | |
| <u>SERUM LIVER FUNCTION TESTS</u> | | | | | |
| Total Bilirubin | 0.3 | 0.2 - 1.0 mg/dL | | | |
| Direct Bilirubin | 0.10 | 0.0 - 0.2 mg/dL | | | |
| Indirect Bilirubin | 0.19 | 0.1 - 0.9 mg/dL | | | |
| SGOT/AST | 22 | 15 - 37 U/L | | | |
| SGPT/ALT | 41 | 12 - 78 U/L | | | |
| Alkaline Phosphatase | 86 | 46 - 116 U/L | | | |
| Total Protein | 6.9 | 6.4 - 8.2 g/dL | | | |
| Albumin | 4.6 | 3.1 - 5.0 g/dL | | | |
| Globulin | 2.2 | 2.3 - 4.1 g/dL | | | |
| Albumin/Globulin Ratio | 2.1 | > 0.85 | | | |
| <u>SERUM LIPID PROFILE</u> | | | | | |
| Total Cholesterol | 193 | < 200 mg/dL | | | |
| Triglycerides | 154 | < 150 mg/dL | | | |
| HDL-Cholesterol | 44 | < 40 (low); > 60 mg/dL (high) | | | |
| LDL-Cholesterol | 157 | < 130 mg/dL | | | |
| VLDL-Cholesterol | 31 | < 30 mg/dL | | | |
| <u>CARDIAC MARKERS</u> | | | | | |
| Serum CK-MB | | < 5.1 ng/mL | | | |
| Troponin -I | | < 0.04 ng/ml (-ve); ≥ 0.04 ng/ml (+ve) | | | |
| <u>OTHERS</u> | | | | | |
| 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

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

 J.K. Town, Sarvadharam, C-Sector, Kolar Road, Bhopal - 462042 (M.P.)
 Hospital ☎: 0755 - 4087000 / 01 / 02 / 06 Medical College ☎: 0755-4049600,
 Web : www.Lnctu.ac.in, Email : jkhospital@Lnctu.ac.in



Reg. No. /NH/101/Apr. - 08

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

(AN ISO 9001:2008 Certified Hospital)



MC-5516

CLINICAL BIOCHEMISTRY LABORATORY**PATHOLOGY REPORT**

| | | | | | |
|--------|--------|-------------|--------|---------|------------|
| NAME | LAKHAN | AGE/SEX | 31 Y/M | DATE | 24.02.2025 |
| REF BY | OPD | IPD/OPD NO. | 782530 | LAB NO. | 01 |

THYROID PROFILE, TOTAL, SERUM (CLIA- Chemiluminescent immunoassy)

| TEST NAME | RESULTS | UNITS | REF. RANGE |
|-----------|---------|--------|-------------|
| T3 | 0.96 | ng/mL | 0.58 - 1.62 |
| T4 | 4.58 | µg/dL | 5.00 - 14.5 |
| TSH | 1.91 | µIU/mL | 0.35 - 5.10 |

Interpretation

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

Kin
TECHNICIAN

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



J.K. Town, Sarvadharam, C-Sector, Kolar Road, Bhopal - 462042 (M.P.)
Hospital ☎: 0755 - 4087000 / 01 / 02 / 06 Medical College ☎: 0755-4049600,
Web : www.Lnctu.ac.in, Email : jkhospital@Lnctu.ac.in



Reg. No. /NH/101/Apr. - 08

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

MC-5516

PATHOLOGICAL REPORT

| Name | LAKHAN | Age/sex | 31Y/M | Date | 24/2/2025 |
|--|--------|-----------------------------------|-------|--------|-----------|
| Ref by | OPD | OPD NO. | 7820 | LAB NO | 01 |
| TEST | RESULT | REFERENCE INTERVAL * | | | |
| <u>PLASMA GLUCOSE</u> | | | | | |
| Fasting | 73 | 70 - 110 mg/dL | | | |
| Postprandial | 130 | < 140 mg/dL | | | |
| Random | | 60 - 145 mg/dL | | | |
| <u>RENAL FUNCTION TESTS</u> | | | | | |
| Serum Urea | 21 | 15 - 39 mg/dL | | | |
| Serum Creatinine | 0.60 | 0.55 - 1.30 mg/dL | | | |
| <u>SERUM ELECTROLYTES</u> | | | | | |
| Sodium | | 135 - 145 mmol/L | | | |
| Potassium | | 3.5 - 5.0 mmol/L | | | |
| Chloride | | 98 - 110 mmol/L | | | |
| <u>SERUM LIVER FUNCTION TESTS</u> | | | | | |
| Total Bilirubin | 0.3 | 0.2 - 1.0 mg/dL | | | |
| Direct Bilirubin | 0.10 | 0.0 - 0.2 mg/dL | | | |
| Indirect Bilirubin | 0.19 | 0.1 - 0.9 mg/dL | | | |
| SGOT/AST | 22 | 15 - 37 U/L | | | |
| SGPT/ALT | 41 | 12 - 78 U/L | | | |
| Alkaline Phosphatase | 86 | 46 - 116 U/L | | | |
| Total Protein | 6.9 | 6.4 - 8.2 g/dL | | | |
| Albumin | 4.6 | 3.1 - 5.0 g/dL | | | |
| Globulin | 2.2 | 2.3 - 4.1 g/dL | | | |
| Albumin/Globulin Ratio | 2.1 | > 0.85 | | | |
| <u>SERUM LIPID PROFILE</u> | | | | | |
| Total Cholesterol | 193 | < 200 mg/dL | | | |
| Triglycerides | 154 | < 150 mg/dL | | | |
| HDL-Cholesterol | 44 | < 40 (low); >60 mg/dL (high) | | | |
| LDL-Cholesterol | 157 | < 130 mg/dL | | | |
| VLDL-Cholesterol | 31 | < 30 mg/dL | | | |
| <u>CARDIAC MARKERS</u> | | | | | |
| Serum CK-MB | | < 5.1 ng/mL | | | |
| Troponin -I | | <0.04 ng/ml(-ve); ≥0.04ng/ml(+ve) | | | |
| <u>OTHERS</u> | | | | | |
| 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

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



J.K. Town, Sarvadharam, C-Sector, Kolar Road, Bhopal - 462042 (M.P.)
 Hospital ☎: 0755 - 4087000 / 01 / 02 / 06 Medical College ☎: 0755-4049600,
 Web : www.Lnctu.ac.in, Email : jkhospital@Lnctu.ac.in



Reg. No. /NH/101/Apr. - 08

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



AN ISO 9001:2008 Certified Hospital

RADIOLOGY REPORT

| | | | | | |
|----------------|------------------|------------|--------------------|------------|-------------|
| Patient Name | LAKHAN LAL 31Y M | | | Age & Sex | 0 Years& |
| Patient UHID | | Patient ID | 78230 OPD | Study Date | 24-Feb-2025 |
| Patient Type | Modality | DX | Report Date & Time | | |
| Consulting Dr. | | | Referred By | | |
| Study Name | | | | | |

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.

JKS
 Department of Radiology
 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.)
 Hospital ☎: 0755 - 4087000 / 01 / 02 /06 Medical College ☎: 0755-4049600,
 Web : www.Lnctu.ac.in, Email : jkhospital@Lnctu.ac.in



| | |
|----------------------|-------------------|
| Name: Mr. Lakhan Lal | Age / Sex: 31Y /M |
| Referred By : CGHS | Date: 24/02/2025 |
| Patient ID: 78230 | |

USG ABDOMEN & PELVIS**Slight gaseous abdomen**

LIVER : Normal in size **14.9cm** 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, 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. **RK-9.2x4cm, LK-10.1x5.6cm**

VISUALIZED 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 –

- **Fatty liver grade II.**

ADVICE : Clinical correlation

Dr. SHUBHAM AMULANI

 CONSULTANT RADIOLOGIST



DR. G.C GAUTAM

MD,DM(CARDIOLOGY)

CONSULTANT INTERVENTIONAL CARDIOLOGIST

Reg. No. MC -5581

DEPARTMENT OF CARDIOLOGY

2D ECHO & COLOUR DOPPLER REPORT

| | | |
|------------------------------|------------------|----------------|
| Name: MR. LAKHAN LAL MALVIYA | Age/Sex: 31 Y/M | OPD No. 078230 |
| Referred By: CARDIOLOGY | Date: 24.02.2025 | 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 | 29.2 | 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 .G .C.GAUTAM MD (DM Cardiologist)
Dept. of Cardiology

LAKHAN LAL

Male

2/24/2025 3:24:19 PM

L.N. M.C JK HOSPITAL

CARDIOLOGY (142)

1 Years

Rate 95 Sinus rhythm
Baseline wander in lead(s) V1

PR 163
QRS 108
T 350
QTc 440

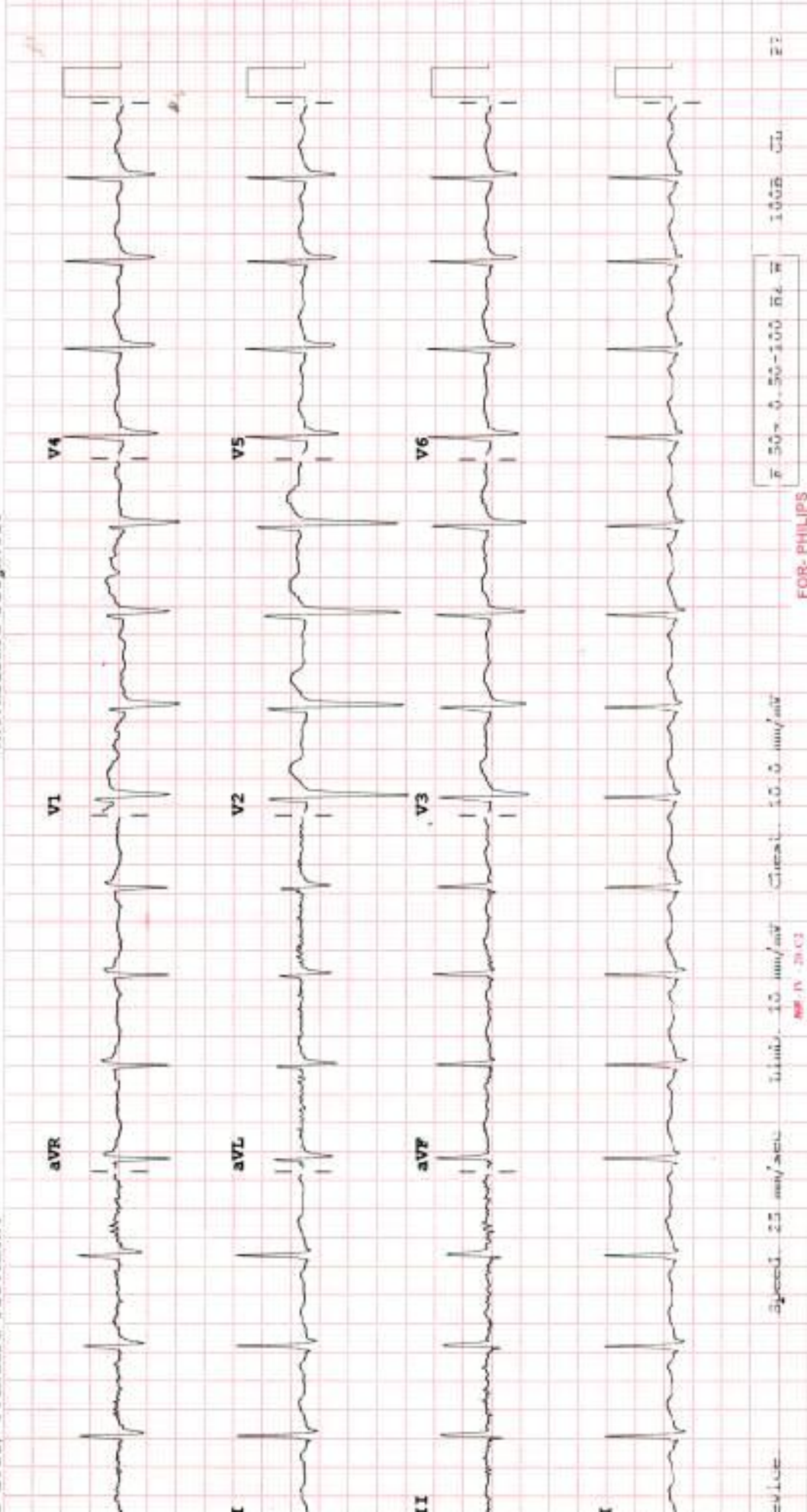
-AXIS--

QRS 69
T 84
QTc 57

2 Lead Standard Placement

- NORMAL ECG -

Unconfirmed Diagnosis



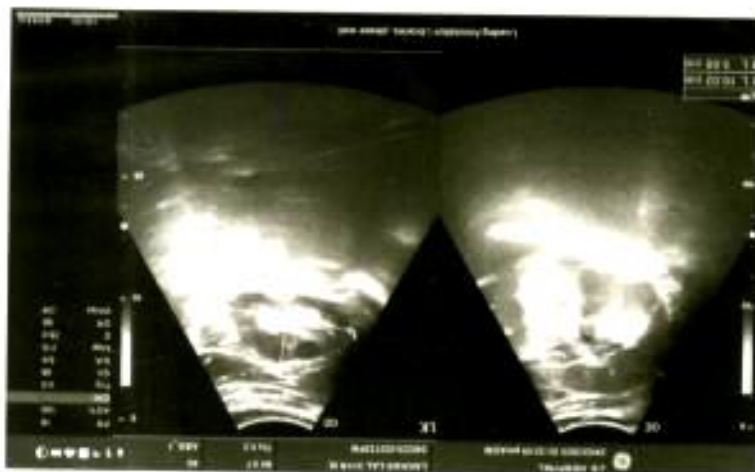
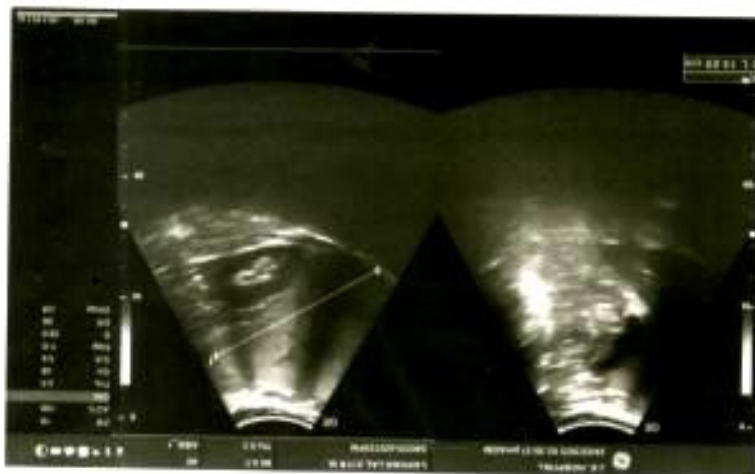
Speed 25 mm/sec
Gain 10 mm/mV
Chest 10.0 mm/mV
MR-N 20-C3

F 50x 0.50-100 Hz W 1000 Hz

FOR PHILIPS

27

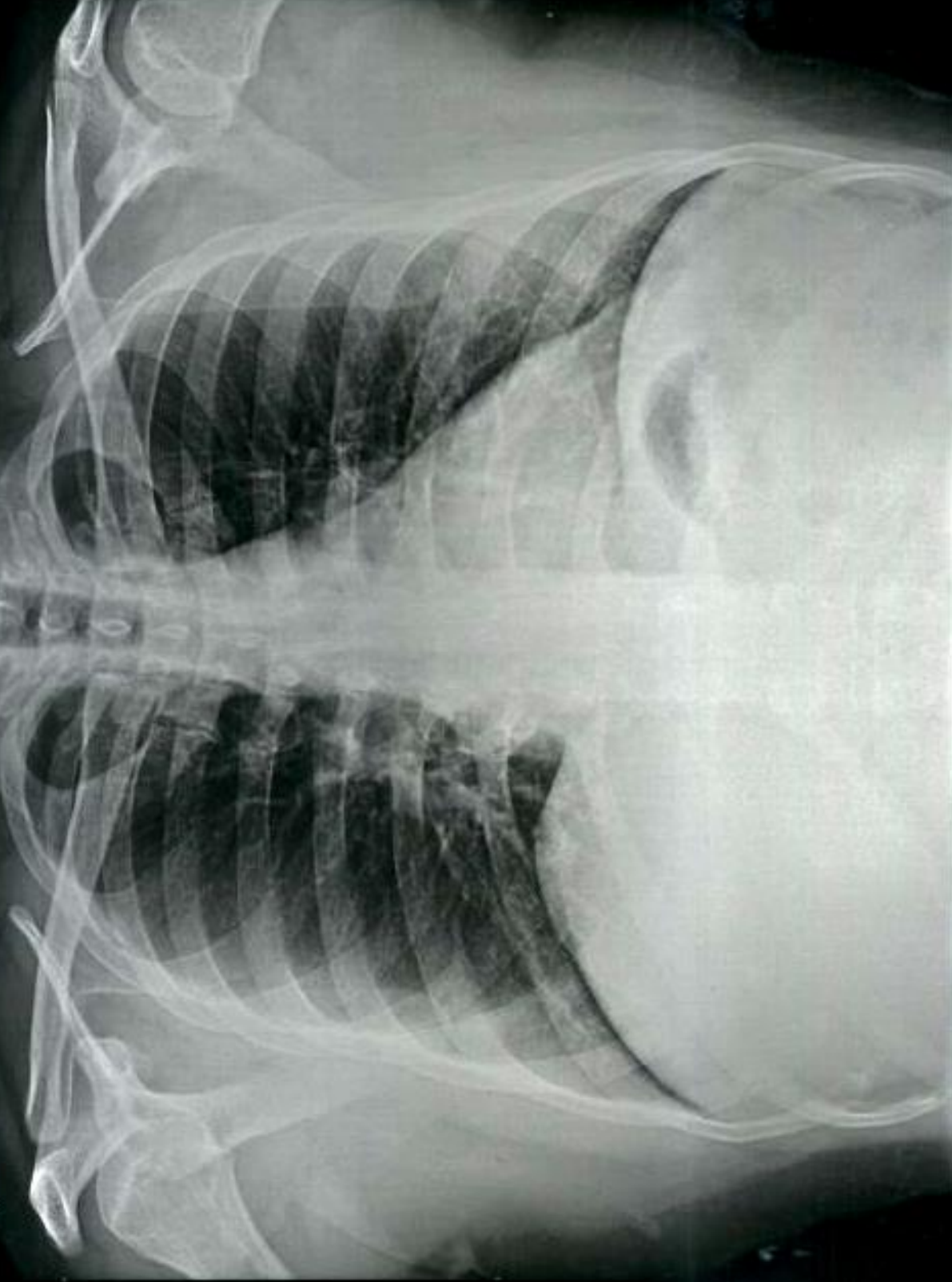




LAKHAN LAL 31Y M 24/02/2025 78230 OPD

PA

R



L.N. MEDICAL COLLEGE & JK HOSPITAL