

**Facilities:**

All clinical Biomedical & Hematology Investigations including Bone Marrow Examination  
VPT, Podiascan & Complete Foot Care (First Time in Purvanchal)  
All Hormonal Investigation by Chemiluminescent Method  
Visceral Fat by (AB-140) Ambulatory BP Monitoring  
CGMS & Insulin Pump Available  
PFT, 2D-ECHO (Color Doppler), Holter, TMT, Cardiac-3 available  
VIA, VILI, Colposcopy available  
Special Endocrinological Investigation Protocols.



# Panacea Pathology

## Clinical Reference Lab

Persistence, Preparedness and Precision  
EQAS (CMC Vellore Attached) & IQAS System  
पूर्वांचल की सर्वोत्तम गुणवत्ता वाली पैथोलॉजी

PATIENT NAME : ANKUR SINGHAL

AGE/GENDER : 38YRS/MALE

REFD BY DR. : ARCO FEMI HEALTHCARE LTD.

RECEIVED DATE : 28-01-2023 (10:00 AM)

SAMPLE : BLOOD & URINE

REPORT DATE : 28-01-2023 (06:00 PM)

## PATHOLOGY REPORT

### COMPLETE BLOOD COUNT (CBC)

TEST	LAB TEST VALUES	NORMAL RANGE
<b>HEMOGRAM</b>		
HEMOGLOBIN (FLOW CYTOMETRY)	16.3 (↑)	13 – 16 gm/dl
TOTAL LEUCOCYTE COUNT (TLC)	7,600	4000 – 11000
RBC COUNT	5.26	3.5 – 5.5
PCV (HCT)	49.4	37 – 47
MCV	93.9	80 – 95
MCH	31.1	28 – 34
MCHC	33.1	30 – 36
PLATELET COUNT	2,74,000	1,50,000 – 4,00,000
E.S.R. (WINTROBE FIRST HOURS)	10.0	20 mm/1 <sup>st</sup> hr
<b>DIFFERENTIAL LEUCOCYTE</b>		
NEUTROPHILS	63	40 – 75%
LYMPHOCYTES	32	20 – 45%
EOSINOPHILS	02	1 – 6%
MONOCYTES	03	2 – 8%
BASOPHILS	00	< 2%

### RENAL & KIDNEY PROFILE, SERUM

TEST	LAB TEST VALUES	NORMAL RANGE
<b>RENAL FUNCTION TESTS</b>		
BLOOD UREA NITROGEN (BUN)	9.2	10 – 50 mg/dl
SERUM CREATININE	0.74	0.60 – 1.60 mg/dl
URIC ACID	4.16	3.60 – 7.70 mg/dl
ALKALINE PHOSPHATASE (ALP)	82.0	142 – 353 mg/dl
TOTAL PROTIENS	7.42	0 – 39 mg/dl
ALBUMIN	4.30	3.8 – 5.4 mg/dl
SERUM GLOBULIN	3.12	2.1 – 3.5 mg/dl
CALCIUM	8.9	8.80 – 10.20
PHOSPHORUS	3.04	2.50 – 5.00
SERUM SODIUM NA+	1.005	135.00 – 155.00 mEq/Ltr
SERUM POTASIAM K+	4.12	3.60 – 5.50 mEq/Ltr
ICALCIUM	1.22	1.10 – 1.35 mmol/L
SERUM CHLORIDE CL+	101.3	98.00 – 110.00 mEq/Ltr

PAGE 1

Lab Technician

Timing : 8.00 a.m. to 9.00 p.m. (Sunday 8.00 a.m. to 3.00 p.m.)

This Report is not valid for medico legal purpose

**Note:** These tests have technical limitations. Clinico-pathological interpretation is necessary. In case of any disparity test may be repeated immediately.

Address : 36/44 FK Kabir Nagar, Durgakund, Varanasi – 221005

Email: [dramishra@gmail.com](mailto:dramishra@gmail.com), [drpallaviojha@gmail.com](mailto:drpallaviojha@gmail.com) Website: [panaceahospital.org](http://panaceahospital.org)

PANACEA HOSPITAL  
(A UNIT OF ARCO FEMI HEALTH CARE PVT. LTD.)  
REG. NO.: AL-1500  
M.D. Pathology  
B.36/44, F.K. KABIR NAGAR  
DURGAKUND, VARANASI

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ISO 9001:2008 Certified  
Mobile: 9389994334, 9554572190, 9453837595



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### PATHOLOGY REPORT

#### LIPID PROFILE, SERUM

TEST	LAB TEST VALUES	NORMAL RANGE
<b>BLOOD CHEMISTRY</b>		
TOTAL CHOLESTEROL (SERUM)	178.0	Desirable:- < 200 mg/dl Borderline:- 200 – 239 mg/dl High:- > 240 mg/dl
TRIGLYCERIDES (SERUM)	167.0	35 – 170 mg/dl
HDL CHOLESTEROL (SERUM)	46.0	35.30 – 79.50 mg/dl
LDL CHOLESTEROL (SERUM)	98.6 <i>570</i>	< 130 mg/dl
VLDL	33.4	< 40 mg/dl
CHOLESTROL/HDL RATIO	3.8	< 3.0 Low Risk Ratio 3.0 – 5.0 Avg Risk > 5.0 High Risk
LDL/HDL RATIO	0.46	< 3 Ratio

#### BLOOD GROUP

TEST	LAB TEST VALUES
<b>BLOOD GROUP ABO &amp; RH FACTOR</b>	
BLOOD GROUP	"O"
RH FACTOR	POSITIVE

#### GLYCOSYLATED HEMOGLOBIN (HBA1C)

TEST	LAB TEST VALUES	NORMAL RANGE
HBA1C	7.4	Normal : < 5.97 % Good Control : 5.97 – 6.81% Fair Control : 6.81 – 7.65% Poor Control : > 7.65%

#### THYROID PROFILE (T3, T4, TSH)

TEST	LAB TEST VALUES	NORMAL RANGE
<b>THYROID FUNCTION TEST</b>		
T3	1.10	0.60 – 1.81 ng/ml
T4	8.72	4.50 – 10.90 ug/dl
TSH	2.67	0.39 – 6.10 uIU/mL

PAGE 2

Lab Technician

**PANACEA HOSPITAL**  
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REG. NO. KA-1500  
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DURGAKUND, VARANASI

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## PATHOLOGY REPORT

### LIVER PROFILE TEST, SERUM

TEST	LAB TEST VALUES	NORMAL RANGE
<b>BIO CHEMISTRY</b>		
TOTAL BILIRUBIN	0.65	0.0 – 1.1 mg/dl
DIRECT BILIRUBIN	0.22	0.0 – 0.2 mg/dl
INDIRECT BILIRUBIN	0.43	< 0.90 mg/dl
SGOT (AST)	28.0	0 – 52 mg/dl
SGPT (ALT)	25.0	0 – 39 mg/dl
GGT (GYT)	23.0	< 55 U/L

### URINE ROUTINE EXAMINATION

TEST	LAB TEST VALUES	NORMAL RANGE
<b>PHYSICAL EXAMINATION</b>		
QUANTITY	29	ML
COLOUR	STRAW	PALE YELLOW
APPEARANCE	CLEAR	CLEAR
SPECIFIC GRAVITY	1.005	1.01 – 1.03
PH	6.5	4.7 – 7.5
<b>CHEMICAL EXAMINATION</b>		
GLUCOSE	Not Detected	Not Detected
PROTEIN	NIL	Not Detected
<b>MICROSCOPIC EXAMINATION</b>		
PUS CELLS	1-2	0-5
RBC	Not Detected	Not Detected
EPITHELIAL CELLS	2-3	0-5
CASTS	Not Detected	Not Detected
CRYSTALS	Not Detected	Not Detected
BACTERIA	Not Detected	Not Detected

### RANDOM/FASTING BLOOD SUGER

TEST	LAB TEST VALUES	NORMAL RANGE
<b>RBS/FBS</b>		
RANDOM BLOOD SUGAR	170.0	125-140 mg/dl
FASTING BLOOD SUGER	121.0	70-125 mg/dl

----- End of Report -----

Lab Technician

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B 36/44 F.K KABIR NAGAR, DURGAKUND  
TOLLFREE NO-18001233070.  
Whatsapp No - 8795832852  
www.piire.org



## OP Slip

Print Date : 28-Jan-2023 10:09AM



<b>UHID No</b> :- UD-22230003439	<b>OP No</b> :- OP-22230012731	<b>OP Date</b> :- 28 Jan 2023 10:09AM
<b>Patient Name</b> :- Mr ANKUR SINGAL BANK OF BARODA	<b>Age/Sex</b> :- 38 Y/Male	<b>Mobile No</b> :- 9304202090
<b>Father</b> :-	<b>Department</b> :- DIABETES, ENDOCRINOLOGY & METABOLIC PHYSICIAN	
<b>Pay Type</b> :- Cash	<b>Consultant</b> :- Dr ASHUTOSH MISHRA (MD(MEDICINE), IMS, BHU)	
<b>Token No</b> :- NOR. - 1	<b>Paid/Bal</b> :- 0.00 /500.00	
<b>Patient Type</b> :- Normal		
<b>Address</b> :- VNS, varanasi		

BP :- 140/80 **Rx**  
 height :- 173  
 Weight (kg) :- 80.2 (73)  
 BMI :-

SpO2 98  
 PR: 85  
 WC: 95 (90)  
 NC: 41 (36)  
 1.5yr

COPD  
Type 2 DM (HbA1c = 7.4%)

Rx. Diabet about 14 months (S.M)  
 [Es. Diabetes (10) OD]

[Rox. volor-f (100)

Tas. Monit-AB (200+10) OD

AS Rosumeg (20) OD

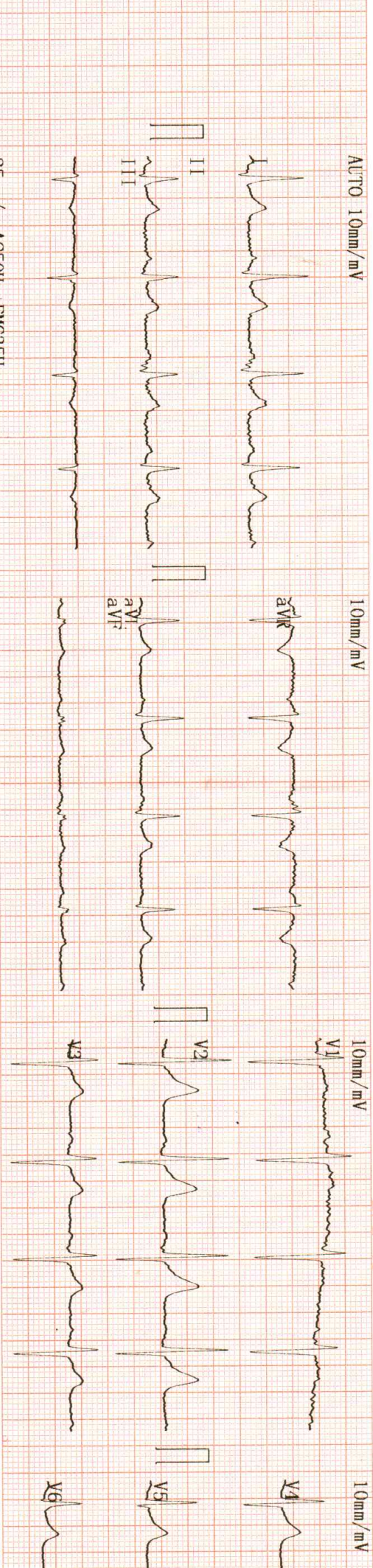
Cap Reburic-L OD

o: R/A Mouth

Printed By : Mr NITIN YADAV  
 Created By : Mr NITIN YADAV

Tas Monit (30) SWH/74W.

25mm/s AC50Hz+EMG35Hz  
CARRDIART



AUTO 10mm/mV

10mm/mV

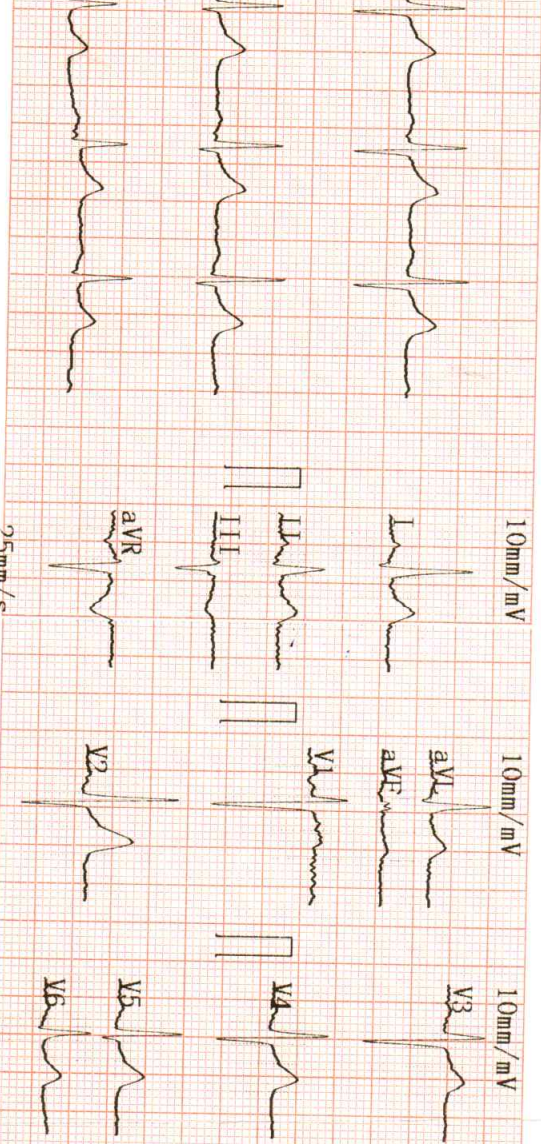
10mm/mV

10mm/mV

BPL-02

CARDIAC

25mm/s



2023-01-28 12:24

ID :  
 Name : *Arjun Singh*  
 Sex : *M*  
 Height :  
 SYS :  
 DIA :  
 HR : 81 bpm  
 PR Interval : 163 ms  
 P Duration : 120 ms  
 QRS Duration : 75 ms  
 T Duration : 154 ms  
 QT/QTc : 386/391 ms  
 P/QRS/T Axis : 28.6/9.1/19.0 deg  
 R(V5)/S(V1) : 0.88/1.33 mV  
 R(V5)+S(V1) : 2.20 mV

<< Conclusions >>

Normal Sinus Rhythm,  
 Longitudinal left axis deviation,  
 kg\*\*Report need physician confirm\*\*

Physician \_\_\_\_\_



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*A Home for many lives*

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Lab Attached with CMC Vellore Under EQAS Scheme

Name	MR.ANKUR SINGAL	Sex /Age	38/M	Date	28/01/2023
Ref. by	Dr.Pallavi Mishra(MD)	BSA - m <sup>2</sup>		Echo window	fair


### Echo - Cardiography

MITRAL VALVE Doppler	AML - normal morphology MV Flow - E - 0.6 A-0.4 E/A=1.43	PML - normal morphology MVA - 3.0 cm <sup>2</sup> Mitral Regurgitation - <b>No</b>
TRICUSPID VALVE Doppler	Normal TV Flow -No	Tricuspid Regurgitation - <b>No</b>
PULMONARY VALVE Doppler	Normal PV Flow -No	Pulmonary Regurgitation - No
AORTIC VALVE Doppler	Trileaflet-No AV Flow - no	Aortic Regurgitation - no
MEASUREMENT	Aorta - 32.6 (20-38) mm IVS ed - 10.3 (6 -12) mm LVID ed - 49.1 (35 - 55) mm LVPW ed - 9.7 (6 -12) mm OA - 7 (> 5) mm	LA - 25.1 (24-32) mm IVS es -12.6 (6 - 12) mm LVID es - 35.4 (24 - 40) mm LVPW es - 17.1 (6 -12) mm EPSS - 6 (< 9) mm

**CONCLUSION**

All cardiac chamber dimensions are WNL  
 No valvular abnormalities  
 Good LV systolic function present Modified Simpson's method (4C, 2C) (LVEF-54%)  
 No diastolic dysfunction present (E/A = 1.43) by tissue Doppler (E/e'=6.2)  
 No RWMA  
 No pericardial effusion  
 Intact IAS / IV  
 No PAH  
 No intra cardiac mass /thrombus /vegetation

**IMPRESSION** **Normal Echocardiogram**

  
 Niraj Mishra  
 Physician Assistant  
 (PIRE)

**DR. PALLAVI MISHRA**  
 MBBS, MD (GENERAL MEDICINE)

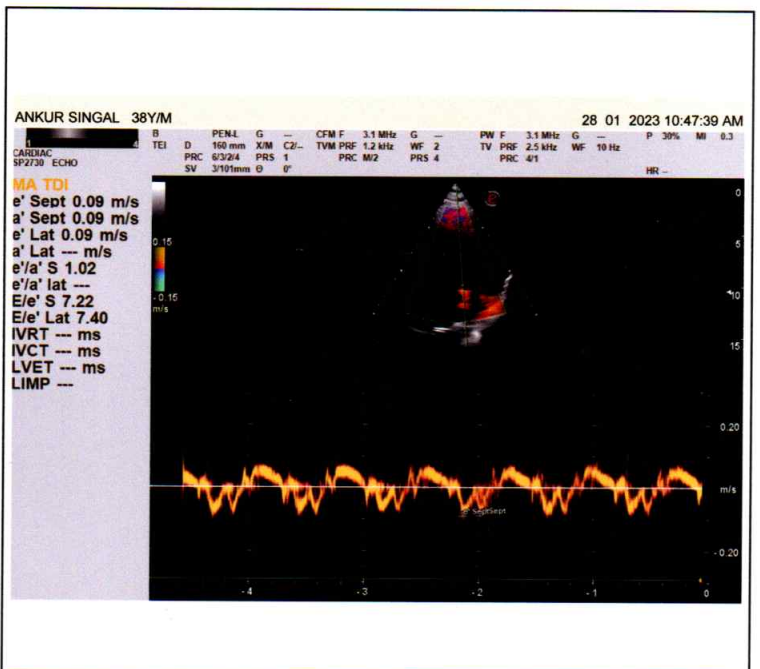
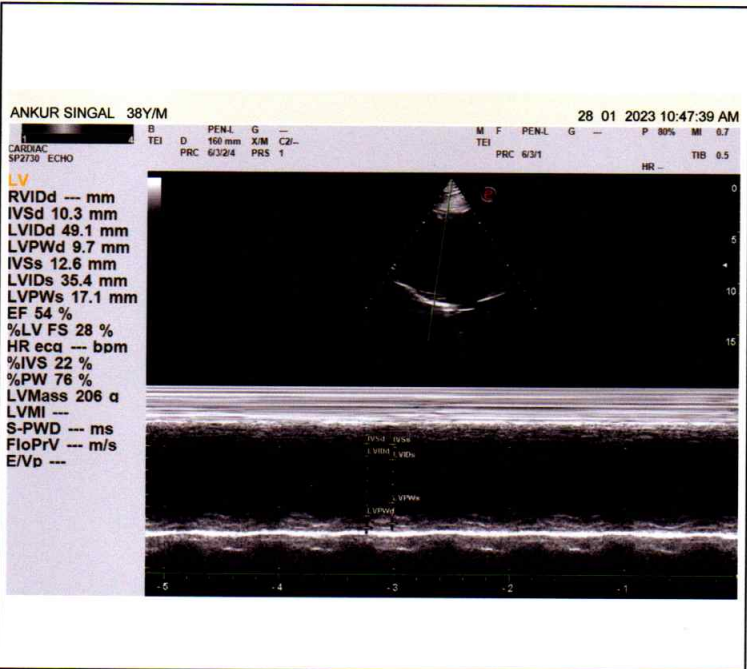
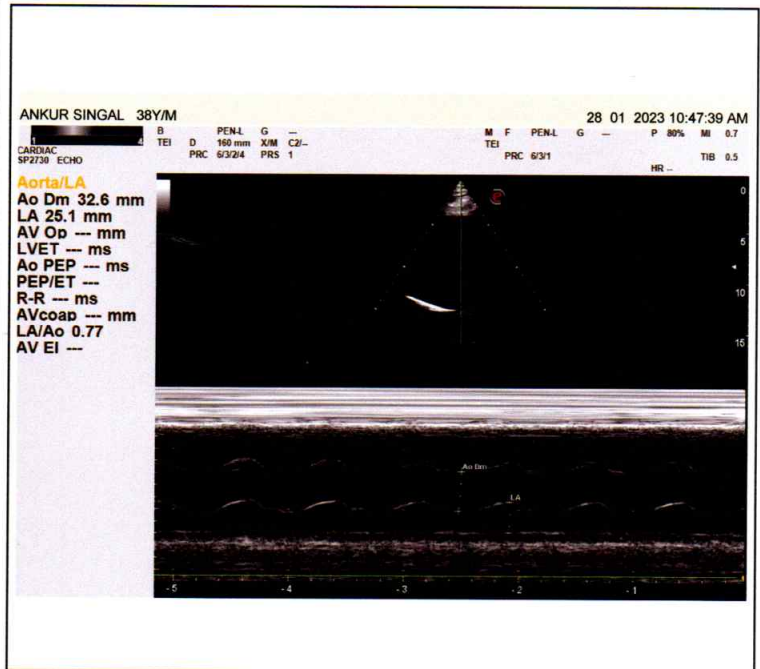
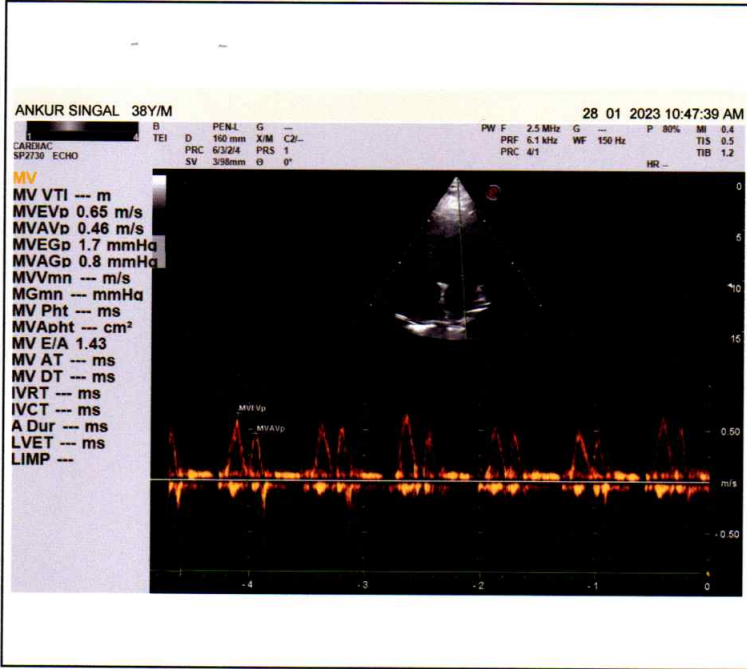
MCI Reg. No. 52033  
 Dr. Pallavi Mishra

MBBS, MD (MED) Lucknow  
 Echocardiography Specialist, MIAE  
 Non-invasive cardiologist  
 Women Cardiologist  
 Diabetocardiologist

Address : Kabir Nagar (Near Sanjay Shiksha Niketan), Durgakund, Varanasi

Mobile : 9554572190 / 9453837595 / Recpn. 9389994334

E-mail : dramishra@gmail.com, drpallaviojha@gmail.com, Website: www.piire.org







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**NAME:** MR.ANKUR SINGAL

**AGE/SEX:** 38 YRS / MALE

**REF BY:** DR. ASHUTOSH MISHRA (MD)

**DATE:** 28/01/2023

## ULTRA SOUND WHOLE ABDOMEN REPORT

**Liver:** Normal in shape and size(11.9 cm) and shows smooth and regular margin.  
No diffuse/focal lesion seen.

**Gall bladder:** Partially distended with normal wall thickness and echo-free lumen.

**CBD diameter** Visualized part normal in course & caliber.

**Pancreas:** Normal in size, shape & echogenicity.  
Margins are smooth & regular.  
No diffuse/ focal lesion seen. Pancreatic tail obscured.

**Spleen:** Normal in size, shape & echogenicity.  
Margins are smooth & regular. No diffuse / focal lesion seen.  
Splenic vessels at hilum is normal.

**Kidney:** Right kidney: 10.0 X 4.2cm  
Left kidney: 10.7 X 5.1 cm  
Both normal in size, shape, echogenicity & position.  
Cortical-medullary differentiation is maintained.  
Pelvicalyceal system normal.  
No calculus/mass lesion seen.  
No hydronephrosis/ hydroureter seen.  
No suprarenal mass lesion.

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**AGE/SEX:** 38 YRS / MALE  
**DATE:** 28/01/2023

## X-RAY CHEST PA

### BOTH LUNG FIELDS AND PLEURAE:

Both lungs show normal bronchovascular pattern.

Right & left hila are normal

No focal mass or calcification is seen

There is no evidence of any fluid in the both the pleural cavities.

Both domes of diaphragms are normal in position.

### MEDIASTINUM:

Trachea is central in position.

Cardiac silhouette is of normal size and configuration.

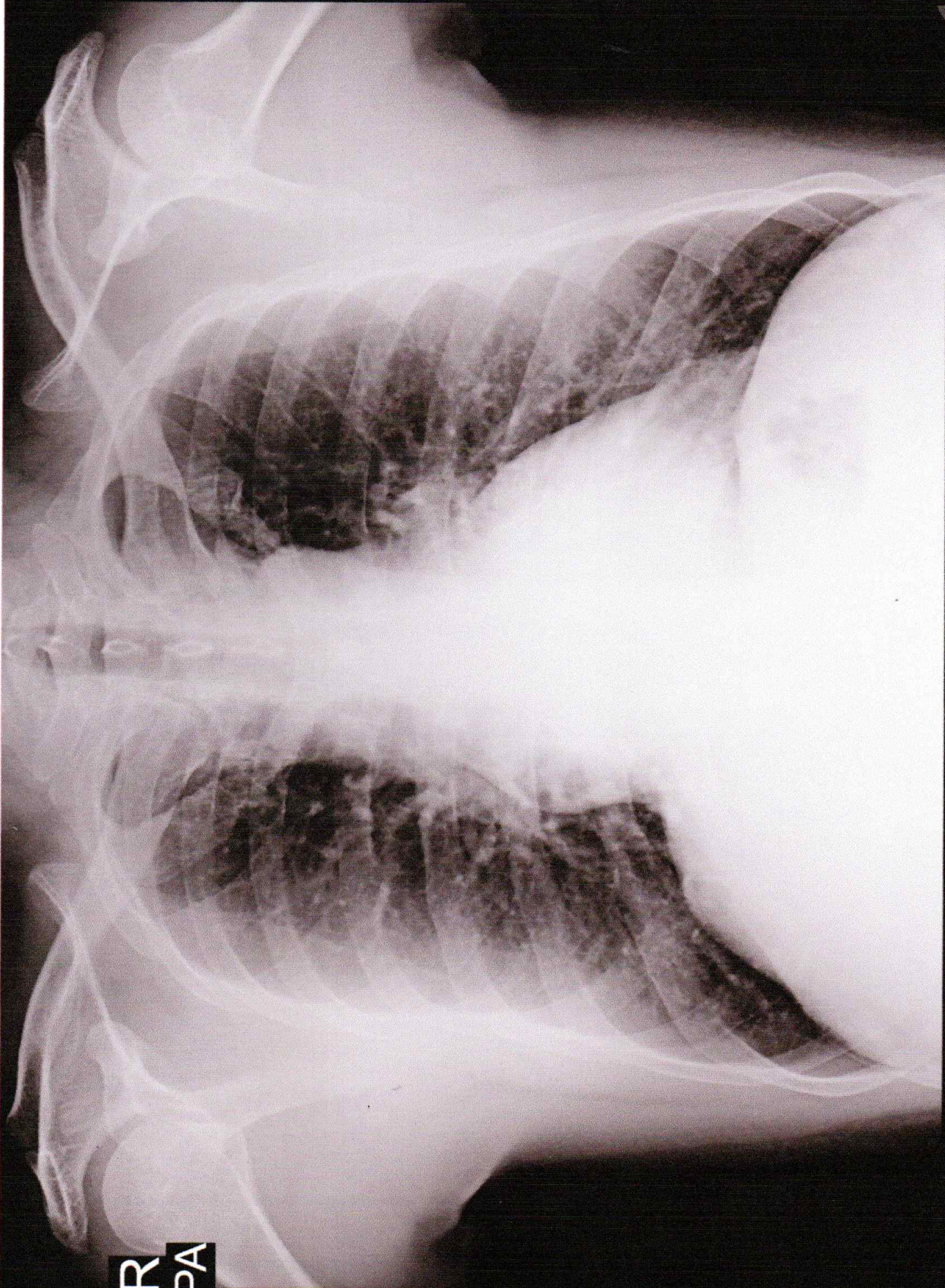
No evidence of pericardial effusion.

No significant lymphadenopathy is seen.

Visualized skeleton is normal.

-----  
NO SIGNIFICANT RADIOGRAPHIC ABNORMALITY.

  
Radiologist



R  
PA

ANKUR SINGAL 38Y/M 3439 O CHEST P.A. 28-Jan-23 10:56 AM

PANACEA HOSPITAL, KABIR NAGAR, DURGAKUND, VARANASI