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# PANACEA HOSPITAL

*A shelter for many hearts A Home for many lives*

(An ISO 9001:2008 Certified Organisation)

Lab Attached with CMC Vellore Under EQAS Scheme

Name	MRS.SUDHA YADAV	Sex /Age	36/F	Date	11/03/2023
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 - 0.7 A-0.6 E/A=1.20	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 - 21.1 (20-38) mm IVS ed - 8.0 (6 -12) mm LVID ed - 49.1 (35 - 55) mm LVPW ed - 10.9 (6 -12) mm OA - 7 (> 5) mm	LA - 25.7 (24-32) mm IVS es -12.0 (6 - 12) mm LVID es - 35.4 (24 - 40) mm LVPW es - 16.0 (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 = 1.20) 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**

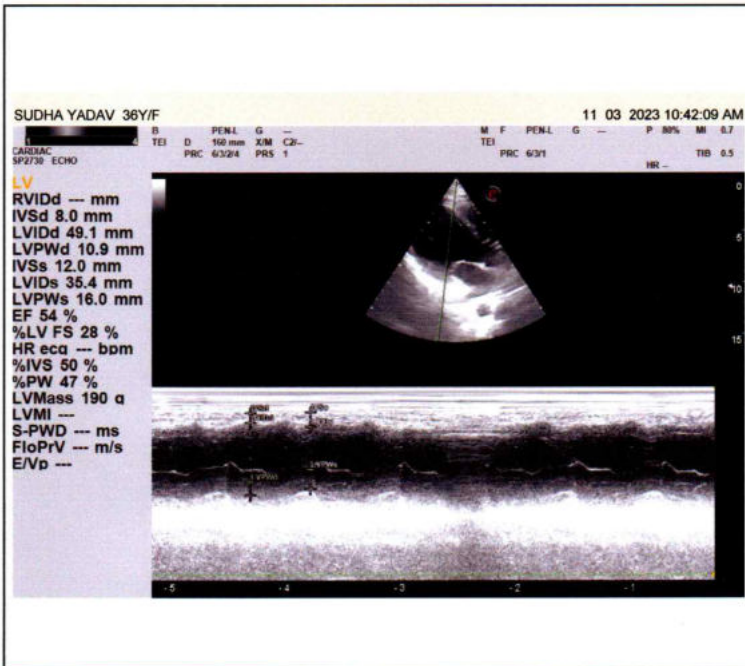
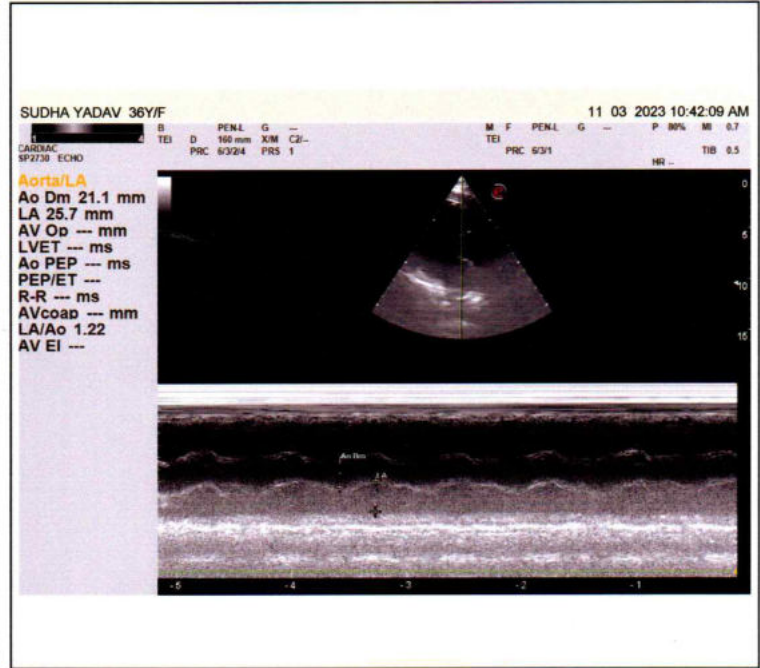
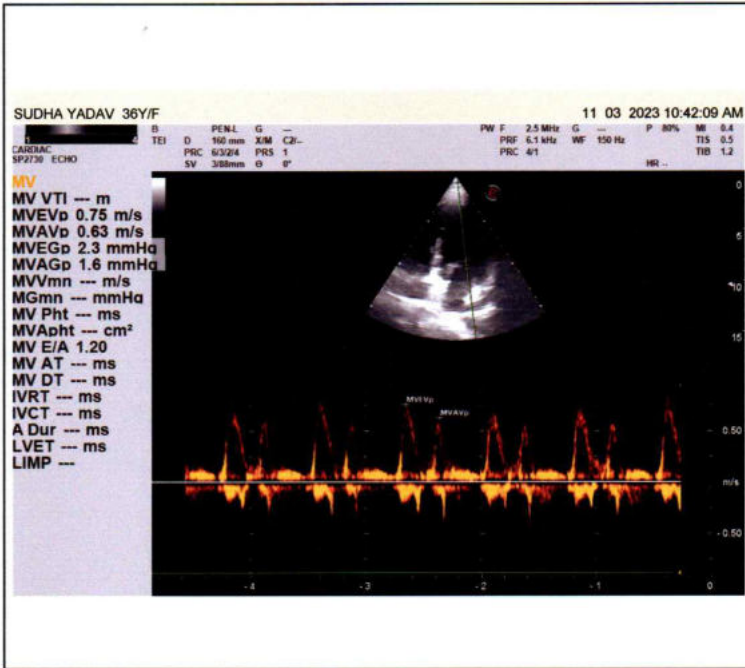
  
Niraj Mishra  
Physician Assistant  
(PIRE)

  
**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**



**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.

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# Panacea Pathology

## Clinical Reference Lab

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

PATIENT NAME : SUDHA YADAV

AGE/GENDER : 38 YRS/FEMALE

REFD BY DR. : ARCO FEMI HEALTHCARE LTD.

RECEIVED DATE : 11-03-2023 (09:30 AM)

SAMPLE : BLOOD & URINE

REPORT DATE : 11-03-2023 (06:00 PM)

## PATHOLOGY REPORT

### COMPLETE BLOOD COUNT (CBC)

TEST	LAB TEST VALUES	NORMAL RANGE
<b>HEMOGRAM</b>		
HEMOGLOBIN (FLOW CYTOMETRY)	12.0	13 – 16 gm/dl
TOTAL LEUCOCYTE COUNT (TLC)	4,600	4000 – 11000
RBC COUNT	4.37	3.5 – 5.5
PCV (HCT)	39.3	37 – 47
MCV	89.9	80 – 95
MCH	27.4	28 – 34
MCHC	30.5	30 – 36
PLATELET COUNT	1,18,000	1,50,000 – 4,00,000
E.S.R. (WINTROBE FIRST HOURS)	12.0	20 mm/1 <sup>st</sup> hr
<b>DIFFERENTIAL LEUCOCYTE</b>		
NEUTROPHILS	54	40 – 75%
LYMPHOCYTES	38	20 – 45%
EOSINOPHILS	03	1 – 6%
MONOCYTES	05	2 – 8%
BASOPHILS	00	< 2 %

### RENAL & KIDNEY PROFILE, SERUM

TEST	LAB TEST VALUES	NORMAL RANGE
<b>RENAL FUNCTION TESTS</b>		
BLOOD UREA NITROGEN (BUN)	8.24	10 – 50 mg/dl
SERUM CREATININE	0.66	0.60 – 1.60 mg/dl
URIC ACID	3.98	3.60 – 7.70 mg/dl
ALKALINE PHOSPHATASE (ALP)	76.0	142 – 353 mg/dl
TOTAL PROTIENS	7.26	0 – 39 mg/dl
ALBUMIN	4.10	3.8 – 5.4 mg/dl
SERUM GLOBULIN	3.16	2.1 – 3.5 mg/dl
CALCIUM	9.0	8.80 – 10.20
PHOSPHORUS	3.04	2.50 – 5.00
SERUM SODIUM NA+	1.005	135.00 – 155.00 mEq/Ltr
SERUM POTASIUM 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

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Lab Technician

**PANACEA HOSPITAL**  
(A UNIT OF AAROHA HEALTH CARE PVT. I)  
REG. NO.: AL-1500  
M.D. Pathology  
36/44 B-4, KABIR NAGAR  
DURGAKUND, VARANASI

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.

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### PATHOLOGY REPORT

#### LIPID PROFILE, SERUM

TEST	LAB TEST VALUES	NORMAL RANGE
<b>BLOOD CHEMISTRY</b>		
TOTAL CHOLESTEROL (SERUM)	172.0	Desirable:- &lt; 200 mg/dl Borderline:- 200 – 239 mg/dl High:- & gt; 240 mg/dl
TRIGLYCERIDES (SERUM)	188.0	35 – 170 mg/dl
HDL CHOLESTEROL (SERUM)	44.0	35.30 – 79.50 mg/dl
LDL CHOLESTEROL (SERUM)	90.4	& lt; 130 mg/dl
VLDL	28.8	& lt; 40 mg/dl
CHOLESTROL/HDL RATIO	4.27	& lt; 3.0 Low Risk Ratio 3.0 – 5.0 Avg Risk & lt; 5.0 High Risk
LDL/HDL RATIO	2.05	& lt; 3 Ratio

#### BLOOD GROUP

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

#### GLYCOSYLATED HEMOGLOBIN (HBA1C)

TEST	LAB TEST VALUES	NORMAL RANGE
HBA1C	5.8	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	0.98	0.60 – 1.81 ng/ml
T4	7.21	4.50 – 10.90 ug/dl
TSH	4.48	0.39 – 6.10 uIU/mL

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### LIVER PROFILE TEST, SERUM

TEST	LAB TEST VALUES	NORMAL RANGE
<b>BIO CHEMISTRY</b>		
TOTAL BILIRUBIN	0.74	0.0 – 1.1 mg/dl
DIRECT BILIRUBIN	0.28	0.0 – 0.2 mg/dl
INDIRECT BILIRUBIN	0.46	< 0.90 mg/dl
SGOT (AST)	32.0	0 – 52 mg/dl
SGPT (ALT)	29.0	0 – 39 mg/dl
GGT (GYT)	15.0	< 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	5.5	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 SUGAR

TEST	LAB TEST VALUES	NORMAL RANGE
<b>RBS/FBS</b>		
FASTING BLOOD SUGAR	93.0	70-125 mg/dl
RANDOM BLOOD SUGAR	119.0	125-140 mg/dl

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

Lab Technician

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Lab Attached with CMC Vellore Under EQAS Scheme

**NAME:** MRS. SUDHA YADAV

**AGE/SEX:** 36 YRS / FEMALE

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

**DATE:** 11/03/2023

## ULTRA SOUND FOR ABDOMEN REPORT

**Liver:** Normal in shape and size (13.4 cm) and shows mildly increased echogenicity. Margins are smooth and regular. No focal lesion seen.

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

**CBD** 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 (11.0 cm) shape & echogenicity. Margins are smooth & regular. No diffuse / focal lesion seen. Splenic vessels at hilum is normal.

**Kidney:** Right kidney: 10.6 X 4.5 cm Left kidney: 10.9 X 4.4 cm Normal cortical echogenicity with well maintained Cortical-medullary differentiation., Pelvicalyceal system normal. No calculus/mass lesion seen. No hydronephrosis/ hydroureter seen.

**Urinary bladder:** Normally distended, wall thickness is normal. No echogenic foci lumen or diverticula seen. Both VUJ appears normal. No E.R. calculus / mass lesion seen

**Uterus:** Uterus normal in size shape & echogenicity. Margins are smooth & regular. Endometrial thickness within normal limits

**Ovary:** Right ovary normal in size and shows normal morphology. Left ovary normal in size and shows normal morphology.

**Others:** No free fluid in peritoneal cavity. No free fluid in bilateral pleural cavity.

### **Impression:**

➤ **Grade I fatty liver.**

REPORTED BY

**DR. R. K. TIWARI**

**MD RADIODIAGNOSIS (GOLD MEDALIST)**

**KGMU, LUCKNOW**

**Reg.No. 57557**

Please correlate clinically and further investigations.

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