



# Shubham Imaging & ALC Diagnostic Center

ISO 9001:2015 Certified Center

(A Unit of P. K. Arogyam Health & Wellness Center)

E-95, P.C. Colony, Near Sai Netryalaya Transformer, Kankarbagh, Patna - 20

✉ : alcdiagnostics@gmail.com

🌐 : www.pkarogayamhealthcheckup.com


☎ : 7050037694, 9153988577

OPINION MUST BE CORRELATES WITH CLINICALLY & OTHER INVESTIGATION FOR FINAL DIAGNOSIS. NOT FOR MEDICO LEGAL PURPOSE

PATIENT NAME : Mrs. JYOTI KUMARI PATIENT ID: 2849  
COL DATE : 24/02/2024 REPORTING DATE: 24/02/2024 AGE SEX : 36 YRS/F  
REF.BY : DR. / MEDIWHEEL

TEST NAME	RESULT	Unit	REF.RANGE
BLOOD SUGAR ( F )	84.0 mg/dl		70 - 110 mg/dl
<b>LIPID PROFILE:-</b>			
TOTAL CHOLESTROL	184.0 mg/dl		130 -250 mg/dl
TRIGLYCERIDE	129.9 mg/dl		50 -160 mg/dl
HDL CHOLESTROL	44.0 mg/dl		30 - 60 mg/dl
LDL CHOLESTROL	114.1 mg/dl		80 -130 mg/dl
VLDL CHOLESTROL	25.9 mg/dl		15 - 40 mg/dl
T.CH./HDL RATIO	4.1 : 1		Upto 5 :1
LDL /HDL RATIO	2.5 : 1		2 - 4:1

ESTB BY:-

  
Consultant Radiologist

**Dr. P. K. Tiwari**  
MD, M.Sc (Radio Imaging)  
Ph.D (Alt Nuclear Medicine)  
Consultant Imagingologist

**Dr. S. Kumar**  
MD, (Pat)  
Consultant Pathologist

**Dr. Abhishek Kumar**  
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COL DATE : 24/06/2024 REPORTING DATE: 24/06/2024 AGE SEX:- 36 YRS/F

REF.BY : DR. / MEDIWHEEL .

TEST NAME	RESULT	Unit	REF.RANGE
<b>LFT:-</b>			
SGPT	26.4	IU/L	5 - 40 IU/L
S G O T	18.9	IU/L	5 - 40 IU/L
ALKALINE PHOSPHATASE	89.6	IU/L	M - 53 - 165 IU/L F - 42 - 136 IU/L
TOTAL PROTIN	7.0	g/dl	6.0 - 8.7 g/dl
SERUM ALBUMIN	4.2	g/dl	3.5 - 5.4 g/dl
SERIUM GLUBLINE	2.8	g/dl	2.3 - 3.6 g/dl
AG RATIO	1.5: 1		1.0 - 2.3 g/dl
BILIRUBIN			
TOTAL	0.61	mg/dl	0.1 - 1.1 mg/dl
DIRECT	0.27	mg/dl	0.0 - 0.32 mg/dl
INDIRECT	0.34	mg/dl	0.0 - 0.78 mg/dl
GGTP( GGT )	19.3	iu/L	8 - 38 iu/L
<b>KFT/RFT</b>			
URIC ACID	4.0	mg/dl	3.2 - 7.0 mg/dl
SERUM CREATNINE	0.8	mg/dl	0.6 - 1.5 mg/dl
BLOOD URIA	29.0	mg/dl	5 - 45 mg/dl
BLOOD URIA NITROZEN(BUN).	13.5	mg/dl	5 - 23 mg/dl

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REF.BY : DR. / MEDIWHEEL .

TEST NAME	RESULT	Unit	REF.RANGE
ESR	12 mm/hr		<20 mm/hr
<b>CBC</b>			
Total W.B.C. Count	6,000 /cumm		4000 - 11,000 /cumm
R B C COUNT	4.27 Million/ CUmm		4 - 7 Million/ CUmm
Platelets count	1.56 Lakh/ cumm		1.5 - 5.0 Lakh/ cumm
Differential Count of W.B.C.			
Neutrophils	60 %		40 -70%
Lymphocytes	36 %		25 - 40%
Eosinophils	03 %		01 - 05%
Mnonocytes	01 %		00 - 02%
Basophiles	00 %		00 - 0%
HAEMOGLOBIN	12.9 gm/dl ( 88.3 % )		14.6 gm/dl = 100%
PCV	38.5 %		35 - 47 %
MCV	90.2 fl		76 - 96 fl
MCH	30.2 pg		29 - 35 pg
MCHC	33.5 %		30 - 38 %

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TEST NAME	RESULT	Unit	REF.RANGE
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BLOOD GROUP : ' AB '

Rh Typing : POSITIVE

Note: Do always cross – matching before blood transfusion

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AGE SEX : 36 YRS/F

REF.BY : DR./ MEDIWHEEL

## GLYCOSYLATED HEMOGLOBIN

TEST NAME	RESULT	Unit	REF.RANGE
HbA1c	3.4 %		Below 5.7 % : Normal 5.7 – 6.4 % : Prediabetic > = 6.5 % : Diabetic
AVERAGE PLASMA GLUCOSE	92.0 mg/dl		90 – 120 mg/dl : Good Control 121– 150 mg/dl : Fair Control 151- 180 mg/dl: Unsatisfactory Control >180 mg/dl : Poor Control

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## ROUTINE EXAMINATION OF URINE

### PHYSICAL EXAMINATION

Quantity ....	20 ml	Colour....	Pale Yellow
Appearance...	Clear	Sediment ...	Nil
Specific gravity....	1.020		

### CHEMICAL EXAMINATION

Reaction ....	6.0	Nitrite.....	Not done
Sugar ....	Nil	Bile Pigment ...	Not done
Albumin ....	Nil	Urobilinogen....	Not done
Excess of Phosphate....	Nil	Chile.....	Not done
Bile Salt	Not Done	Acetone...	Not done

### MICROSCOPIC EXAMINATION

Erythrocytes....	Nil	Casts ....	Nil
Leucocytes ....	1-3 / HPE	Crystals....	Nil
Epith. Cell ....	A, Few	Others ....	Nil

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Investigation	Result	Normal Range
Total Triiodothyronin T3	1.72 ng/mL	0.80 - 2.00 $\mu$ ng/mL
Total Thyroxin T4	6.59 ug/mL	5.10 - 14.10 ug/dL
Serum TSH	2.34 $\mu$ g/mL	0.27 - 4.20 $\mu$ g/mL

THYROID DISORDER (>: Increase: < Decrease: n Normal)

1. T3(n) T4(n) TSH(n) :EUTHYROID STATE:
2. T3(>) T4(>) TSH(<): HYPERTHYROIDISM:
3. T3(<)T4(<) TSH(>): HYPOTHYROIDISM:
4. T3(n)T4(n) TSH(>) : SUB-CLINICAL HYPO-THYROIDISM:
5. T3(n)T4(n) TSH(<): SUB-CLINICAL HYPER-THYROIDISM:
6. T3(>) T4(n) TSH(<): T3 THYROTOXICOSIS:

Total T3/T4 level is dependent on Level:

So determination of free T3/T4is a better MARKER of Thyroid Function.

\*FREE T3/T4 ESTIMATION FACILITY IS AVAILABALE ON REQUEST.:

  
24/02/2024

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Pt. Name :- JYOTI KUMARI  
Ref. By :- DR./MEDIWHEEL

Date:- 24-Feb-24  
Age / Sex -36 Yrs. F.

Thanks for your kind referral

## X-RAY CHEST (P.A.VIEW)

The lungs on the either side show equal translucency.

The peripheral pulmonary vasculature is normal.

No focal lung lesion is seen.

The pleural spaces are normal.

Both hila are normal in size, have equal density and bear normal relationship.

The heart and trachea are central in position and no mediastinal abnormality is visible.

The cardiac size is normal.

The domes of the diaphragms are normal in position, and show smooth outline.

## IMPRESSION

- NO EVIDENCE OF PULMONARY OR CARDIAC PATHOLOGY IS NOTED.

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Ref. By :- **DR./MEDIWHEEL**

Date:- **24-Feb-24**  
Age / Sex – **36 Yrs. F.**

## REAL TIME U.S.G. OF WHOLE ABDOMEN

Thanks for your kind referral

### ( Report.)

- LIVER** :- Measures 12.86 cm. Normal in shape, size and echo texture. I.H.B.R. are not dilated. Hepatic veins are normal. No SOL seen.
- G.BL.** :- Lumen is echo free. Wall thickness appears normal.
- C.B.D.** :- Measures 3.5 mm in diameter with echo free lumen. No calculi or mass seen.
- P.V.** :- Measures 7.7 mm in diameter. Appears normal. No thrombus seen.
- PANCREAS** :- Normal in shape, size and echo texture. No calcification mass seen.
- SPLEEN** :- Measures 10.82 cm. Normal in shape, size and echo texture. No SOL seen.
- KIDNEY** :- Both kidney shows normal shape, size & echotexture. C.M.D. intact. P.C.S. are not dilated. No calculi, cyst or hydronephrosis seen on either side.  
**Right Kidney :- Measures 9.63 X 4.25 cm.**  
**Left Kidney :- Measures 10.21 X 4.52 cm.**
- URETER** :- Not dilated. No apparent calculi seen.
- U.BLADDER** :- Shows normal in outline with echo free lumen. No calculi or mass seen.  
**Pre void – 340 ml. Post void – is in significant**
- UTERUS** :- Is normal in size, shape & Anteverted in position measuring 8.69 X 5.22 cm. Endometrial And Myometrium appears normal in limits No focal mass lesion seen.
- ADNEXA** :- Both ovary appears normal in size and shape.  
Rt Ovary Measures – 2.41 cm Lt Ovary Measures 2.54 cm
- P.O.D** :- No collection seen in P.O.D.
- R.L.F.** :- Son graphically no appendicular mass or collection seen.
- OTHERS** :- No Ascites, no Lymph Adenopathy. No pleural effusion seen on either side.

## IMPRESSION

➤ **Son graphically normal scan no detectable lesion seen.**

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## ECHOCARDIOGRAPHY & COLOR DOPPLER REPORT

Patient's Name : Mrs JYOTI KUMARI

Ref. by : DR./ MEDIWHEEL

Age/Sex : 36 Yrs /F

Date : 24-Feb-24

### ECHOCARDIOGRAPHIC WINDOW: Fair 2D & M MODE ECHOCARDIOGRAPHY

#### Left ventricle

EDD:	26	mm ( 20 - 28 mm / m <sup>2</sup> )	ESD:	20	mm ( 13 - 21 mm / m <sup>2</sup> )
IVS :	10	mm ( 6 - 11 mm )	PW:	10	mm ( 6 - 11 mm )
Ejection fraction:		60% ( 61 ± 8% )	FS:	35	% ( 34 - 44 % )
IVS:	Intact		LV clot		Absent

Left atrium/ Aorta 35/31 mm

Right ventricle Normal

Right atrium Normal

Pericardium Normal with no pericardial effusion

#### 2D:

Normal LA/LV Size and normally contracting left ventricle. No RWMA, concentric LVH

#### Mitral valve

AML/ PML: Normal

Tricuspid valve Normal

Aortic valve Normal

Pulmonary valve Normal

### Continuous & Pulse Wave Doppler study

Valve	Velocity (m/sec)			Gradient (mmHg)			Valve area (PHT Method)	Regurg.
	Peak	Mean	EDV	Peak	Mean	EDG		
Mitral	E=07 A=0.6			2.3	2.0			Nil
Tricuspid	E=0.5 A=0.3			1.9	0.2			Nil
Aortic	1.12			5.0	2.5			Nil
Pulmonary	0.9			3.5	1.7			Nil

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## Colour Flow Imaging

No TR, No MR/PR, No AR

No flow shunt

## COMMENTS :

- ◆ Normal size all chamber
- ◆ Normal LV filling Pressure
- ◆ No RWMA
- ◆ Normal LV systolic function
- ◆ Grade I LV diastolic dysfunction.
- ◆ Global LVEF = 60%
- ◆ All cardiac valves are normal
- ◆ No PAH, Mild concentric LVH
- ◆ No MS / TS / AS / PS / PR
- ◆ No clot / vegetation / pericardial effusion.

## IMPRESSION:

All chambers are normal

No RWMA, No PAH

Grade I LV diastolic dysfunction.

Normal LV systolic function, LVEF – 65%

Please correlate clinically

DR. SANDEEP KUMAR MBBS MD

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Consultant Neuropatho Physiologist

**Dr. Kumari Suman**

MBBS, DGO, MD  
Consultant (TVS & HSG Specialist)

**Dr. A. K. Singh**

MBBS, PGDMCH  
Consultant Radiologist & Sonologist

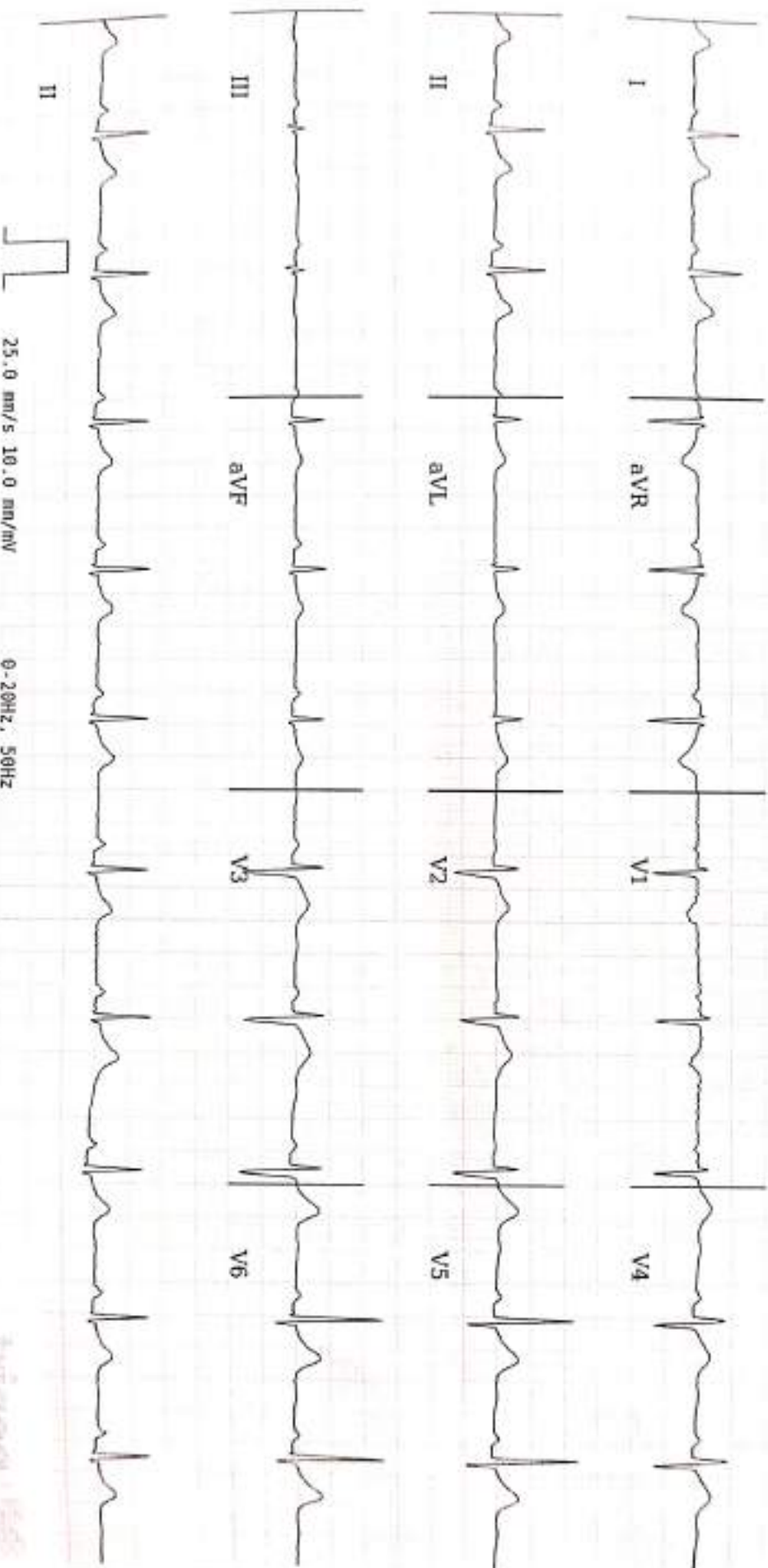
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# PK AROGYAM

Date and Time: 24th Feb 24 12:56 PM

Age / Gender: 36 Female  
Patient ID: 2849  
Patient Name: Jyoti kumari



HR: 66bpm    VPR: 66bpm    QRSD: 82ms    QT: 372ms    QTcB: 390.16ms    PRT: 164ms    P-R-T: 55° 36° 24°

ECG Within Normal Limits: Sinus Rhythm. Please correlate clinically.

thecog

Diagnosis Analyzed by this report is based on ECG, please read carefully for detail as mentioned in clinical history, all symptoms and results of other tests, and non-clinical ECG and report to be reviewed by the physician. The doctor's name is written on the report.