

S.V. SCIENTIFICAL PATHOLOGY

DR. SHIKHA VYAS

D.C.P. (PATH.) R.NO. 52957/ 17.08.2006

A ISO 9001: 2015 Certified Lab

Name

Ref. By

Bal. 3180

Bharti Hospital
SONKH ROAD, KRISHNA NAGAR, MATHURA

MRS. JUHI

Srl No.

103

Age

33 Yrs.

Sex

F

OUT SIDE SAMPLE

Investigation Name

Result Value

Unit

Biomedical Ref Range

HAEMATOLOGY - TEST REPORT

111	ALMATOLOGI - I	EST KEPOKT	
HAEMOGLOBIN (HB)	13.2	gm/dl	11.5 - 16.0
TOTAL LEUCOCYTIC COUNT (TLC)	7,800	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	59	%	40 - 80
LYMPHOCYTE	35	%	20 - 40
EOSINOPHIL	04	%	1 - 6
MONOCYTE	02	%	2 - 10
BASOPHIL	00	%	1 - 2
RBC	4.54	millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	39.7	%	36.0 - 46.0
MCV	87.4	fi.	82.0 - 101.0
MCH	29.1	picogram	27.0 - 32.0
MCHC	33.2	gm/dl	31.5 - 34.5
PLATELET COUNT	274	×10³/μL	150 - 450
MEAN PLATELET VOLUME	10.6	fl _	7.5 - 11.5
RDW-CV	15.8	%	11.5 - 14.5
ERYTHROCYTE SED.RATE(WGN) Automated Mini ESR	32	mm/lst hr.	0.00 - 20.0
BLOOD GROUP ABO	"0"		-
RH TYPING	POSITIVE		

The upper agglutination test for grouping has some limitations.

For further confirmation Reverse typing card (Dia clon ABO / D) Method is suggested.

HbA1C (GLYCOSYLATED Hb)

5.21

%



Contd...2

All Tests have Technical Limitations. Colloborative clinicopathological interpretation is mandatory. In Case of disparity Test may be repeated immediately. Test marked with an (*) are not accredited by NABL.

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Mob. 9 08954464646, 9 7055111414 | Email: svspathology@gmail.com

Website: www.svscientificalpathology.com

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METHOD:

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. (HPLC)

(BIO-RAD DIASTAT)

EXPECTED VALUES :-

Metabolicaly healthy patients =

Good Control Fair Control Poor Control 4.8 - 6.0 % HbAIC

55-68 % HbAIC

6.8-8.2 % HbAIC % HbAIC

HBA1C ESTIMATED AVERAGE GLUCOSE (eAG) 102,306

65.00 - 135.00

In vitro quantitative determination of HbAIC in whole blood is utilized in long term monitoring of glycemia . The HbAIC level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose

It is recommended that the determination of HbAIC be performed at intervals of 4-6 weeks during diabetes mellitus therapy. Results of HbAIC should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

Estimated average glucose (eAG) - There is a predictable relationship between HbA1c and eAG. It helps people with diabetes to correlate their A1c to daily glucose monitoring levels. It reflects the average gluouse levels in the past 2-3 months. The eAG calculation converts the A1c percentage to the same units used by glucometers-mg/dl. The following table shows the relationship of eAG and A1c.

HbAlc (%)	eAG (mg/dL)
5	97
6	126
7	154
8	183
9	212
10	240
11	269
12	708



Contd...3

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BIOCHEMISTRY - TEST REPORT

BLOOD SUGAR FASTING

87.9

mg/dl

REFERENCE RANGE:

Impaired Glucose Tolerence Diabetes Mellitus

< 110

110 - 125 ≥126

CREATININE

0.67

mg/dl

0.50 - 1.30

Neonates(premature): 0.29 - 1.04 Neonates(Full term): 0.24 - 0.85 2 - 12 Months: 0.17 - 0.42

1 - <3 Yrs: 0.24 - 0.41 3 - <5 Yrs: 0.31 - 0.47 5 - <7 Yrs: 0.32 - 0.59 7 - <9 Yrs: 0.40 - 0.60 9 - <11 Yrs: 0.39 - 0.73 11 - <13 Yrs: 0.53 - 0.79 13 - <15 Yrs: 0.57 - 0.87

URIC ACID BLOOD UREA NITROGEN (BUN) LIPID PROFILE

SERUM CHOLESTEROL

Optimal < 200 Border Line High Risk > 240 High Risk

200 - 239

3.30

12.3

165.8

mg/dl mg/dl 2.4 - 5.70 5.0 - 21.0

mg/dl

Contd...4

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mg/dl mg/dl

mg/dl

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SONKH ROAD, KRISHNA NAGAR, MATHURA

Srl No.

Age

3180 Date

25/02/2023

MRS. JUHI

mg/di

mg/dl

C/O BOB

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OUT SIDE SAMPLE

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Result Value

Unit

Biomedical Ref Range

TRIGLYCERIDES

Optimal < 150Border Line High Risk 150 - 199 200 - 499 High Risk Very High Risk

mg/dl > 500 mg/dl 127.4

ma/dL

H D L CHOLESTEROL (direct)

46.9

mg/dL

mg/dl

Male Female mg/dl Optimal> mg/dl 55 > 65 35 - 55 45 - 65 mg/dl Border Line High Risk mg/dl High Risk < 35 mg/dl < 45 ma/dl

L D L CHOLESTEROL (DIRECT)

<100

Near or Above Optimal 100 - 129 mg/dl

> 190

Border Line High Risk 130 - 159 High Risk 160 - 189

mg/dl mg/dl mg/dl

mg/dl

VLDL

Optimal

Very High Risk

25.48

93.42

mg/dl

25.0 - 40.0

SERUM CHOLESTEROL/HDL RATIO

3.535

LDL / HDL CHOLESTEROL RATIO

1.992

0.00 - 3.55

R.O. risk factor

Risk Factor of Coronary Heart Disease. Positive Risk Factors

1. Age - Males >45 Yrs.

Females >55 Yrs. or premature menopause without estrogen replacement therapy.

- 2. Family history of premature coronary heart disease.
- 3. Cigarette smoking
- 4. Hypertension (>140/90 mm Hg or on antihypertensive medication)
- Low HDL Cholesterol <30 mg/dl
- 6. Diabetes mellitus
- Negative Risk Factor



Contd...5

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Scientifical Pathology

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OUT SIDE SAMPLE

Investigation Name

Result Value

Unit

Biomedical Ref Range

1. High HDL Cholesterol >60 mg/dl

BIOCHEMISTRY - TEST REPORT

L.F.T / LIVER FUNCTION TEST

TOTAL BILIRUBIN

0.48

mg/dl

0.20 - 1.00

Reference range

Reference range according to Thomas Total bilirubin : up tp 1.1 mg/dl

Reference range according to Sherlock and Meites

Adults and children : up to 1.0 mg/dl

New born

Age of new born

Premature

24 hours

1.0 - 6.0 mg/dl

48 hours

6.0 - 8.0 mg/dl

3 - 5 days Age of new born 10.0 - 15.0 mg/dl

24 hours

Full term

24 hours

2.0 - 6.0 mg/dl 6.0 - 7.0 mg/dl

48 hours 3-5 days

4.0 - 12.0 mg/dl

CONJUGATED (D. Bilirubin)	0.25	mg/dl	0.1 - 0.4
UNCONJUGATED (I.D.Bilirubin)	0.23	mg/dl	0.2 - 0.7
TOTAL PROTEINS	6.92	gm/dl	6.0 - 8.2
ALBUMIN	3.87	gm/dl	3.5 - 5.2
GLOBULIN	3.05	gm/dl	2.3 - 3.5
A/G RATIO	1.269	gm/dl	0.8 - 2.0
S.G.O.T (AST)	21.4	U/L	0.0 - 35.0
S G.P.T (ALT)	18.5	U/L	0.0 - 45.0
ALKALINE PHOSPHATASE OPTIMIZED	68.9	U/L	0-0

Contd...6



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Expected Values:

Aged 1 Day < 250 U/L Aged 2 to 5 Days < 231 U/L Aged 6 Days to 6 Months < 449 U/L Aged 7 Months to 1 Year < 426 11/1 Aged 1 - 3 Yrs < 281 U/L Aged 4 - 6 Yrs < 269 U/L Aged 7 - 12 Yrs < 300 U/L Aged 13 - 17 Yrs (Male) Aged 13 - 17 Yrs (Female) < 390 11/1 < 187 U/L Men (Adult) 40 - 129 U/L 35 - 104 U/L Women (Adult)

GGTP

22.40

U/L

0.80 - 55.0

IMMUNOLOGY - SEROLOGY TEST REPORT

HBsAg

NON REACTIVE

Method :- 3rd Generation sandwich immunoassay LIMITATIONS

As with all diagnostic tests all results must be considered with other clinical information available. A definite clinical diagnosis should only be made afther all clinical and laboratory findings have been evaluated.

This test kit cannot detect less than 1 ng/mL of HBsAg in specimens. If the test result is negative and clinical symptons persist additional follow -up testing using other clinical methods is suggested. A negative results at any time does not preclude the possibility of Hepatitis B infetion.

**** Report Completed****



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Bharti Hospital

BILLNO 5759

REGNo Mo

PATIENT NAME

MRS. JUHI

NO

REF. DOCTOR C/O. BOB

Year 0 Month

SEX F

AGE 32 Year PRINT DATE: 25/02/2023

5:33:02PM

TEST

VALUE

UNIT

NORMAL VALUE

URINE ROUTINE MICROSCOPIC

PHYSICAL EXAMINATION

OUANTITY

20

ml

COLOUR

PALE YELLOW

TRANSPARENCY

CLEAR

SPECIFIC GRAVITY

1.015

pH

6.0

CHEMICAL EXAMINATION

ALBUMIN

NIL

REDUCING SUGAR

NIL.

BILE SALTS

NIL

BILE PIGMENT

NIL

KETONE

NIL

MICROSCOPIC EXAMINATION

PUS CELLS

2-3

/HPF

2 - 3

EPITHELIAL CELLS

3-4

/HPF

RBCs

NIL

/HPF

2 - 3 2-3

CRYSTALS

NIL

NIL

BACTERIA

OTHERS

CASTS

NIL NIL

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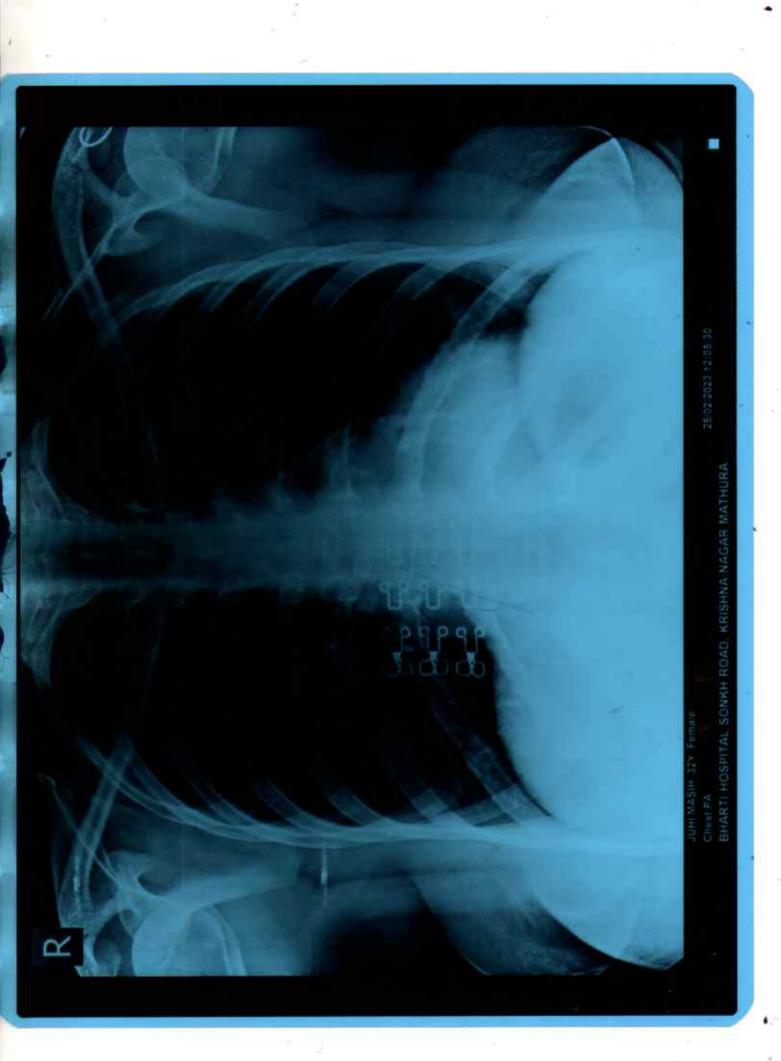
Website: www.svscientificalpathology.com

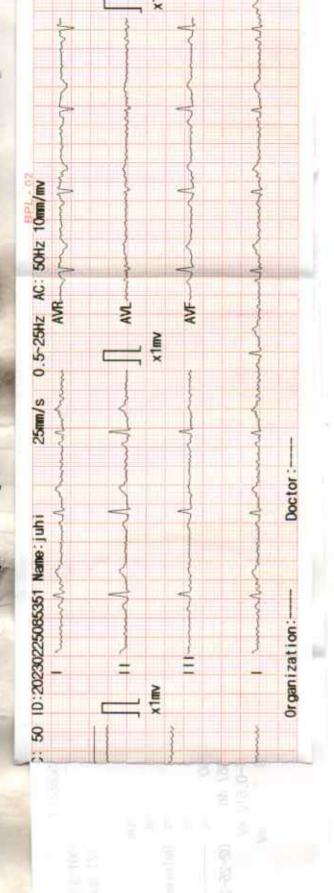
Sample Collection Facility from Home & Nursing Home is available.

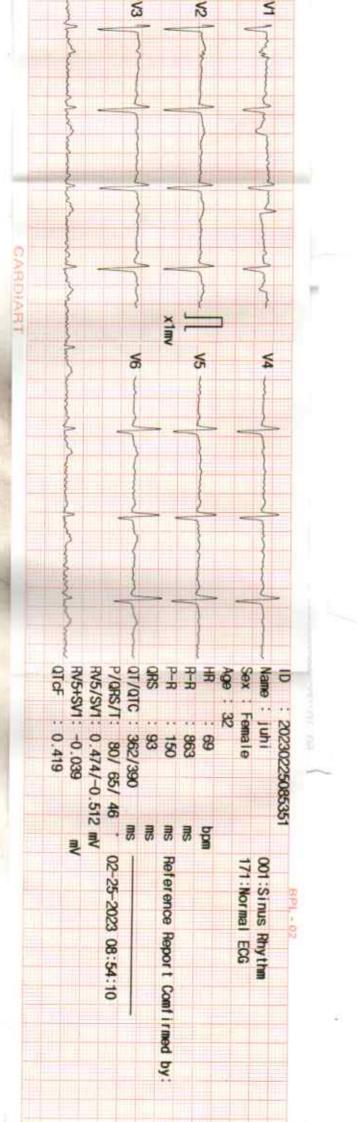
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NOT VALID FOR MEDICOLEGAL PURPOSE

Page I of I









Bharti Hospital

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REG...NO: 2023-202506

NAME : MRS. JUHI

REF...BY: DR. BHARTI GARG (M.D.)

Date :....

DATE : 25/02/2023

AGE /SEX: 33 V/F

2D REAL TIME GENERAL SONOLOGICAL STUDY OF WHOLE ABDOMEN

LIVER: Is normal in size & parenchymal echotexture. Margins are regular. Intra hepatic bile ducts (IHD) are not dilated. No focal mass seen. Portal Vein & C.B.D. is normal in caliber. GALL BLADDER: No calculi/mass lesion is seen in its lumen. No pericholicystic collection is

SPLEEN: is normal in size and shape. Echotexture appears normal.

PANCREAS: Shows normal size and echotexture. No focal mass / peripancreatic collection is seen

RIGHT KIDNEY: Shows normal position, size, shape and contour. Cortical echotexture is normal. CMD is maintained. No calculus /hydronephrosis is seen.

LEFT KIDNEY: Shows normal position, size, shape and contour. Cortical echotexture is normal. CMD is maintained. No hydronephrosis,

No free fluid/ retroperitoneal adenopathy is seen.

U.BLADDER: is normal in distension and in wall thickness. Lumen is clear. No calculus or mass lesion is seen

UTERUS: is normal in size and echotexture. Endometrial thickness is 8.0mm. No focal or diffuse mass lesion is seen. Cervix appears normal.

Both ovaries are normal in size and echotexture

Cul de sac is clear

NOTE- Excessive Gas is Present in Abdomen.

IMPRESSION: No Abnormality Detected.

Best efforts were made during investigation, however in case of any Confusion/ Confirmation review can be done, free of cost. Not valid for medico-legal purpose.



ICU, Facility for Medical & Cardiac Emergency, ECG, Nebulizer, Centralized Oxygen, Monitor BIPAP, Defibrillator, Echo Cardiography, TMT, X-ray, PFT, Computerised Pathology

पहुं भूषा किया परिक्रण नहीं किया जाता है। यह एक रणहारिय अपराय है। This Report is only A Professional Opinion & Should Be Clinically Co-related











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Date			
Date	*****	 	********

REG...NO: 2023-202501 NAME: MRS. JUHI REF...BY: BOB

DATE: 25/02/2023 AGE: 33 Y/F

ECHO CARDIOGRAPHY REPORT

Measurements

Aortic root diam	eter:	31 mm	(20-37mm)
Aortic valve dia	meter:	23 mm	(15-26mm)
LV dimension:			(19-40mm)
LVD(systolic):		33 mm	(22-40mm)
LVD(diastolic):		46 mm	(37-56mm)
RVD(diastolic):		18 mm	(7-23mm)
IVST	ES: 12.7	ED: 11.8	(6-12mm)
LVPWT	ES: 12.2	ED: 9.0	(5-10mm)
LA(diastolic):		30.8mm	(19-40mm)

INDICES OF LV FUNCTION:

EPSS		(< 9mm)
Fractional shortening	30%	(24-42%)
Ejection fraction	60%	(50-70%)

IMAGING:

M mode examination revealed normal movements of both mitral leaflets during diastole(DE-18mm, EF-130mm/sec). No mitral valve prolapse is seen. Aortic cusps are not thickened and closure line is central, tricuspid and pulmonary valves are normal. Aortic root is normal in size. Dimension of left atrium and left ventricle are normal. 2D imaging in PLAX, SAX and apical view revealed a normal size left ventricle. No regional wall motion abnormality present. Global LVEF is 60%.

Mitral valve opening is normal. No mitral valve prolapse is seen. Aortic valve has three cusps and its opening is not restricted.

Tricuspid valve leaflets move normally. Pulmonary valve is normal.

Interatrial and interventricular septa are intact.

No intra cardiac mass or thrombus is seen. No pericardial effusion is seen.



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व्यक्त पूर्वा-तिम परिक्षण नहीं किया जाता है। यह एक एक्ट्रनीय अपराध है। This Report is only A Professional Opinion & Should Be Clinically Co-related



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Date	Date		
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DOPPLER:

MR: nil 1.10/0.53m/sec. MV AR: nil 0.97 m/sec. AV TR: nil 0.45 m/sec. TV PR: nil 0.64 m/sec. PV

COLOUR FLOW

Normal flow signals are seen across all cardiac valves. No flow signals are seen across IAS and IVS.

FINAL DIAGNOSIS:

Normal cardiac chamber dimension No regional wall motion abnormality is present. Systolic left ventricle function is normal with EF 60%. Diastolic left ventricle function is normal. Colour flow through all the valves is normal with no structural abnormality. No intracardiac thrombus or mass is seen. No pericardial effusion is present.

DR. BHARTI GUPTA (M.D)

All congenital heart defect can not be detected by transthoracic echocardiography. In case of disparity test should be repeated at higher cardiac centre, Not valid for medico-legal purpose.



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