



PNAME: Mrs. Sonam	AGE: 28Y/F	DATE: 25-01-2024
REFERRED BY: DR. SANJEEV GUPTA		REGH. No.: 225237

### ADULT ECHOCARDIOGRAPHY & COLOR DOPPLER REPORT

CHAMBER QUANTITATION	ABSOLUTE VALUE	REFERENCE VALUE
IVS (ed)	09 mm	06 – 10 mm(ed)
LVIDd(ed)	40 mm	35 – 55 mm(ed)
LVIDs (es)	25 mm	22 - 41 mm (es)
LVPW (ed)	09 mm	06 – 10 mm (ed)
RV (Mid ed)	28 mm	27 – 42 mm(ed)
RA length	30 mm	29 – 45 mm(ed)
AORTA (es)	24 mm	22 - 34 mm(es)
LA (es)	27 mm	27 – 38 mm(es)

#### MORPHOLOGY

- **Left Ventricle:** Left ventricular chamber size was normal with normal wall thickness. Normal left ventricular systolic function with no evidence of regional wall motion abnormalities. No intracavitary mass or clot is seen.
- **Right Ventricle:** Right ventricular chamber size was normal with normal wall thickness. Normal right ventricular systolic function with no evidence of regional wall motion abnormalities. No intracavitary mass or clot is seen.
- **Left Atrium:** Left atrium is normal in size with no masses or clot.
- **Right Atrium:** Right atrium is normal in size with no masses or clot.
- **Aorta:** Aorta appeared to be normal.
- **Pulmonary Artery:** Normal in size.
- **Mitral Valve:** Mitral valve appears normal in structure. Normal mobility of the mitral leaflets.
- **Aortic Valve:** Aortic valve appears tricuspid in structure and demonstrate normal cusps mobility.
- **Pulmonary Valve:** Pulmonary appear normal in structure & function.

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- **Tricuspid Valve:** Normal mobility of the tricuspid leaflets.
- **Pericardium:** Normal pericardium. No pericardial effusion.
- **IVC :** Normal in size (<17mm) with normal respiratory variations.

## COLOUR FLOW IMAGING & DOPPLER

VALVE	MAXIMUM VELOCITY		REGURGITATION
MITRAL	E = 1.06(0.5-1.0m/sec)	A = 0.46(0.3-0.8m/sec)	Trace
	DT = 128(160-240ms)	E/A = 2.29( $\geq 1.5$ )	
AORTIC	1.2	(1.0 - 1.7m/sec)	NIL
TRICUSPID	0.7	(0.5 - 1m/sec)	Trace, Peak TRV-2.0m/s
PULMONARY	0.6	(0.6 - 0.9m/sec)	NIL

## IMPRESSION

- (HR-92bpm).
- All cardiac chamber dimensions are normal with normal wall thickness.
- Normal biventricular systolic function.
- Trace MR/ Trace TR.
- LV diastolic functions are normal.
- LVEF = 60%.

**(Dr. Sanjeev Gupta)**

DNB (Cardiology), F.I.A.E., F.S.C.A.I.  
Sr. Consultant Cardiologist


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Patient Name	: MRS. SONAM	Bill No	: OPB12334859
Age / Sex	: 28Y/Female	IP/Reg.No/UHID	: REGH-225237 /UHID87223
Lab No	: LA24001571	Report On	: Jan 25 2024 1:42PM
Referred By	: Dr.SELF	Bill Creation Date	: Jan 25 2024 11:04AM
Bar Code		Mobile No	: 9312523823
Passport No.	:	Sponsor	: BOB
Verified On	:	Barcode No.	: 96540,96541,96542,96543,96544,965

Test Name	Results	Units	Biological Reference
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### Haematology

#### C.B.C.E.S.R.(CELL COUNTER)

HB (Haemoglobin)	↓ 11.5	gm%	12.5 - 14
Total WBC Count	6300	cells/cumm	4000 - 11000
Neutrophils	60	%	55 - 65
Lymphocytes	39	%	30 - 54
Eosinophils	01	%	00 - 03
Monocytes	00	%	00 - 05
Basophils	00	%	00 - 01
RBC	↓ 3.50	million/cumm	4 - 5
HCT	↓ 34.5	%	40 - 54
MCV	91.4	%	75 - 95
MCH	↑ 32.9	pg	20 - 32
MCHC	35.9	%	32 - 36
PLT	2.54	Lakh/cumm	1.5 - 4.5
E.S.R.in 1st Hr.	↑ 38	mm in 1st hr.	0 - 20
Blood group	"A" Positive.		

### Biochemistry

#### LIPID PROFILE TEST

S.Triglycerides	150.0	mg/dl	Normal <150 Borderline High 150-199 High 200-499 Very High >500
S.CHOLESTEROL	244.0	mg/dl	Desirable < 200 Borderline High 200 - 239 High = 240

Dr. Renu Varshney  
MBBS MD

Pathologist

Reg No-UP MCI-62804

In case of disparity test may be repeated immediately. Clinicopathological correlation is must


Pathologist

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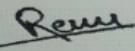
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Test Name	Results	Units	Biological Reference
H.D.L Cholesterol	51.0	mg/dl	Desirable Level : > 60mg/dL Optimal : 40 – 59 mg/dL Undesirable : < 40 mg/dL
V.L.D.L	30.0	mg/dl	< 30.0
L.D.L	163.0	mg/dl	Optimal <100 Near Optimal/Above Optimal 100-129 Borderline High 130-159 High 160-189 Very High High 190
<b>LIVER FUNCTION TEST (LFT)</b>			
S.BILIRUBIN -TOTAL	0.40	mg/dl	0 - 1.3
BILIRUBIN DIRECT	0.20	mg/dl	0.1 - 0.4
BILIRUBIN -INDIRECT	0.20	mg/dl	0.1 - 1.4
S.G.O.T	22.0	IU/L	0 - 32
S.G.P.T	24.0	IU/L	0 - 33
S.ALKALINE PHOSPHATASE	88.0	IU/L	35 - 104
S.ALBUMIN	3.94	g/dl	3.5 - 5.0
<b>Kidney Function Test</b>			
BLOOD UREA	26.0	mg/dl	20 - 45
S.CREATININE	0.60	mg/dl	0.5 - 1.2
<b>SODIUM &amp; POTASSIUM</b>			
S.SODIUM	137.2	mmol/L	135 - 148
S.POTASSIUM	4.59	mno/L	3.50 - 5.30
S.Uric Acid	3.50	mg/dl	2.4 - 5.7

**Endocrinological**

  
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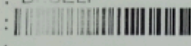
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Test Name	Results	Units	Biological Reference
<b>Thyroid Profile (T3, T4, TSH)</b>			
T3	1.89	ng/ml	Adult: 0.60-1.81 Paediatric: 2weeks to 4months: 1.2-2.4 1-14years:1.05-2.45 Newborns : 0.73 - 2.8 Pregnancy: 1st Trimester:1.21-3.1 2nd&3rd Trimester:1.52-3.62
T4	3.57	ug/dl	Adult : 3.5-12.6 Paediatric : 2weeks-4months : 7- 1-14years : 6.4-13.3 Pregnancy: 1st Trimester: 7.8-16. 2nd & 3rd Trimester:9.1-18.3
T.S.H	2.18	uIU/ml	Adult : 0.35 -5.50 Newborns: 0.70 - 15.. Peadiatric: 2weeks-4 months :1.7-9.1 <12 months : 1.36 - 8 1- 6 years : 0.85 - 6.5 7-12 years : 0.28 - 4. Pregnancy: 1st Trimester: 0.1-2.5 2nd&3rd Trimester:0.2-3.0

### Biochemistry

*Renu*  
Dr. Renu Varshney  
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Test Name	Results	Units	Biological Reference
S.CALCIUM	9.2	mg/dl	9.0 - 11.0
Blood Glucose(F)	88.0	mg/dl	74 - 100
Interpretation : Normal	Less than 100 mg/dl		
Prediabetes	100 mg/dl to 125 mg/dl		
Diabetes	126 mg/dl or higher		
Blood Glucose(PP)	111.0	mg/dl	74 - 140
Hb A1C	5.3	%	
Interpretation : 4.5-5.9%HbA1c= Normal non diabetic			
5.92-6.67%HbA1c=good control			
6.67-7.41%HbA1c=Fair control			
Above 7.41%HbA1c=poor control			

### Profile

**URINE R/M (MER)**

Colour	Light Yellow
SPECIFIC GRAVITY	1.025
Volume	10.0 ML
Reaction	Acidic
Albumin	Nil
Sugar	Nil
Ketone Bodies	Nil
Urobilinogen	Normal
Bilirubin	Nil
Blood	Nil
Erythrocytes	Nil
PUS Cells	1-2/h.p.f.
Epithelial Cells	0-1/h.p.f.
Cast	Nil
Crystals	Nil
Others	Nil

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

*Renu*

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