




SHEKHAR SARRAF MEMORIAL HOSPITAL



Patient Name : MRS. SHASHI SHARMA
 Age / Sex : 34Y / Female
 Reg.No/UHID : REGH-246109/UHID108096
 Lab No. : LA24020847
 Referred By : Dr.SELF
 Sponsor : BOB
 Verified On :
 Barcode No. : 130941,130942,130943,130944,130945,130946,130947

Bill No. : OPB12419807
 Sample Collected : Sep 28 2024 9:55AM
 Sample Received : Sep 28 2024 10:02AM
 Report On : Sep 28 2024 10:37AM
 Bill Creation Date : Sep 28 2024 9:38AM
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Test Name	Results	Units	Biological Reference
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Haematology

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

HGB(Method-Colorimetry)	14.0	g/dl	12.5 - 14.0
RBC(Method-Electric Impedence)	4.58	10 ¹² /L	4 - 5
WBC(Method-Flowcytometry)	5.49	10 ⁹ /L	4 - 11
HCT(Method - Calculated)	40.2	%	40 - 54
MCV(Method - Calculated)	87.8	fl	75 - 95
MCH(Method - Calculated)	31.3	pg	20 - 32
MCHC(Method - Calculated)	35.6	g/dl	32 - 36
RDW-CV(Method - Calculated)	13.6	%	11.6 - 14.5
PLT(Method-Electric Impedence)	1.95	10 ¹² /L	1.5 - 4.5
Neutrophils %	53.9	%	40 - 75
Lymphocytes %	37.3	%	20 - 45
Monocytes %	6.5	%	2 - 10
Eosinophils %	1.9	%	1 - 6
Basophils %	0.4	%	0 - 2
Absolute Neutrophil Count	2.96	10 ⁹ /L	2.0 - 7.0
Absolute Lymphocyte count	2.05	10 ⁹ /L	1.0 - 3.0
Absolute Monocyte count	0.36	10 ⁹ /L	0.2 - 1.0
Absolute Eosinophil Count	0.10	10 ⁹ /L	0 - 0.50
Absolute Basophils count	0.02	10 ⁹ /L	0 - 0.1
Blood group	"B" Positive		

Biochemistry

LIPID PROFILE TEST (Serum)

CHOLESTEROL - TOTAL(Method - Cholesterol Oxidase Esterase Peroxidase)	173.0	mg/dl	0 - 200
Interpretation :	Desirable <200 Borderline High 200 - 239 High = 240		

Renu
 Dr. Renu Varshney
 MBBS MD
 Pathologist


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Triglycerides(Method - GPO-POD)	80.0	mg/dl	0 - 150
Interpretation :	Normal <150 Borderline High 150-199 High 200-499 Very High >500		
HDL	56.0	mg/dl	40 - 60
CHOLESTROL(Method-Oxidase/Peroxidase)			
CHOLESTROL - LDL DIRECT(Method - Calculated)	↑ 101.0	mg/dl	0 - 100
Interpretation :	Optimal <100 Near Optimal/Above 100-129 Border line High130-159 High 160-189 Very High >190		
VLDL CHOLESTEROL(Method - Calculated)	16.0	mg/dl	< 30.0
LIVER FUNCTION TEST (LFT) (Serum)			
BILIRUBIN -TOTAL(Method DSA)	0.40	mg/dl	< 1.2
BILIRUBIN DIRECT(Method DSA)	0.20	mg/dl	< 0.3
BILIRUBIN -INDIRECT(Method - Calculated)	0.20	mg/dl	0.2 - 0.8
S G O T(IFCC Without Pyridoxal Phosphate)	25.0	U/L	0 - 31
S G P T(IFCC Without Pyridoxal Phosphate)	29.0	U/L	0 - 34
S.ALKALINE PHOSPHATASE	↑ 109.5	IU/L	35 - 104
S.ALBUMIN(Method - B.C.G.)	4.35	g/dl	3.5 - 5.2
Kidney Function Test			
BLOOD UREA(Method UREASE-GLDH)	30.0	mg/dl	13 - 40
CREATININE	0.80	mg/dl	0.6 - 1.1
SODIUM & POTASSIUM			
SODIUM(Method ISE)	139.3	mmol/L	135 - 150
S.POTASSIUM(Method ISE)	4.72	mmo/L	3.5 - 5.0
Uric Acid(Method Uricase POD)	3.49	mg/dl	2.6 - 6.0
Immunology			
Thyroid Profile (T3, T4, TSH) (Serum)			
T3 (Tri Iodothyronine)(Method - CLIA)	1.20	ng/ml	0.60 - 1.81


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Test Name	Results	Units	Biological Reference
T4 (Thyroxine)(Method - CLIA)	5.0	ug/dl	3.5 - 12.6
Thyroid Stimulating Hormone (TSH) , ULTRASENSITIVE (Serum)(Method - CLIA)	2.81	uIU/ml	0.35 - 5.50

Biochemistry

S.CALCIUM(Method ISE)	9.92	mg/dl	8.6 - 10.2
Blood Glucose(F)	91.0	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)(GOD - POD Method)	111.0	mg/dl	< 120
HbA1C (Glycosylated Haemoglobin) (Whole Blood EDTA))(Method-Turbimetric Assay)	4.82	%	< 5.7

Interpretation : Non diabetic adults >= 18 years < 5.7
 At risk(Prediabetes) 5.7 - 6.4
 Diagnosing Diabetes >= 6.5
 Therapeutic goals for glycemic control
 Age > 19 years
 Goal of therapy : < 7.0
 Age < 19 Years
 Goal of therapy : < 7.5

Profile

URINE R/M (Routine and Microscopic Examination)

Physical Examination

Volume	25	mL	
Colour	Light Yellow		Pale yellow
Transparency	Clear		Clear

Chemical Examination

Reaction (pH)	5.5		4.5 - 8.0
Specific Gravity	1.020		1.010 - 1.030
Urine Glucose (sugar) (Method-Oxidase/Peroxidase)	Nil		Negative

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Urine Protein (Albumin)(Method-Acid/Base Colour Exchahnge)	Nil		Negative
Urine Ketones (Acetone)(Method-Sodium Nitroprusside)	Nil		Negative
Blood(Method-Peroxidase Hemoglobin)	Nil		Negative
Bilirubin Urine(Method-Coupling Reaction)	Nil		Negative
Nitrite(Method-Diazotisation)	Negative		Negative
Urobilinogen(Method -Ehrlichs Test)	Normal		
Microscopic Examination			
Pus Cells (WBCs)	3-4	/HPF	0 - 5
Epithelial Cells	1-2	/HPF	0 - 4
Red Blood Cells	Nil		Absent
Crystals	Nil		Absent
Cast	Nil		Absent
Yeast Cells	Nil		Absent
Amorphous deposits	Nil		Absent

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


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NAME: Mrs. Shashi Sharma	AGE: 34Y/F	DATE: 28-09-2024
REFERRED BY: Self	REG. No.:246109	

ADULT ECHOCARDIOGRAPHY & COLOR DOPPLER REPORT

CHAMBER QUANTITATION	ABSOLUTE VALUE	REFERENCE VALUE
IVS (ed)	08 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)	25 mm	27 – 42 mm(ed)
RA length	27 mm	29 – 45 mm(ed)
AORTA (es)	24 mm	22 - 34 mm(es)
LA (es)	30mm	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 demonstrates normal cusp mobility.
- **Pulmonary Valve:** Pulmonary appear normal in structure & function.

For Emergency & Ambulance Dial : 08941095341, 43, 57

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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 variation.

COLOUR FLOW IMAGING & DOPPLER

VALVE	MAXIMUM VELOCITY		REGURGITATION
MITRAL	E = 0.87 (0.5-1.0m/sec) DT = 97 (160-240ms)	A = 0.58 (0.3-0.8m/sec) E/A = 1.50 (≥ 1.5)	Trace
AORTIC	1.1	(1.0 - 1.7m/sec)	NIL
TRICUSPID	0.7	(0.5 - 1m/sec)	Mild, Peak TRV-2.6 m/s
PULMONARY	0.7	(0.6 - 0.9m/sec)	NIL

IMPRESSION

- (HR- 80bpm)
- All cardiac chamber dimensions are normal with normal wall thickness.
- Normal biventricular systolic function.
- Trace MR, Mild TR, Mild PHT.
- Normal LV diastolic functions.
- LVEF = 60%.

(Dr. K D Singh)
MBBS, MD