DEPARTMENT OF CARDIOLOGY

UHID / IP NO	40005411 (9751)	RISNo./Status :	4010121/
Patient Name :	Mrs. PRIYA DEVI	Age/Gender :	30 Y/F
Referred By :	Dr. ROOPAM SHARMA	Ward/Bed No :	OPD
Bill Date/No :	09/09/2023 1:06PM/ OPSCR23- 24/4886	Scan Date :	
Report Date :	09/09/2023 1:36PM	Company Name:	Final

REFERRAL REASON: - HEALTH CHECKUP

2D ECHOCARDIOGRAPHY WITH COLOR DOPPLER

M MODE DIMENSIONS: -

Normal Normal								
IVSD	9.5		6-1	l2mm		LVIDS	33.5	20-40mm
LVIDD	49.4		32-	57mm		LVPWS	15.9	mm
LVPWD	9.5		6-1	l2mm		AO	33.1	19-37mm
IVSS	15.4		I	mm		LA	35.8	19-40mm
LVEF	60-62		>	55%		RA	-	mm
	DOPPLE	R MEA	ASUREN	AENTS &	& CALC	ULATIONS	:	
STRUCTURE	MORPHOLOGY		VELOC	CITY (m	(s)	GRADIENT		REGURGITATION
				(mmHg)				
MITRAL	NORMAL	Ε	1.19	e'		-		NIL
VALVE						-		
		Α	0.83	E/e'				
TRICUSPID	NORMAL		Е	0.	53	-		NIL
VALVE						-		
		A 0.46						
AORTIC	NORMAL	1.49		-		NIL		
VALVE								
PULMONARY	NORMAL	0.61				NIL		
VALVE						-		

COMMENTS & CONCLUSION: -

- ALL CARDIAC CHAMBERS ARE NORMAL
- NO RWMA, LVEF 60-62%
- NORMAL LV SYSTOLIC FUNCTION
- NORMAL LV DIASTOLIC FUNCTION
- ALL CARDIAC VALVES ARE NORMAL
- NO EVIDENCE OF CLOT/VEGETATION/PE
- INTACT IVS/IAS

IMPRESSION: - NORMAL BI VENTRICULAR FUNCTIONS

DR SUPRIY JAIN MBBS, M.D., D.M. (CARDIOLOGY) INCHARGE & SR. CONSULTANT INTERVENTIONAL CARDIOLOGY DR ROOPAM SHARMA MBBS, PGDCC, FIAE CONSULTANT & INCHARGE EMERGENCY, PREVENTIVE CARDIOLOGY AND WELLNESS CENTRE

Patient Name	Mr. PRIYA DEVI	Lab No	528874	THE OWNER THE
UHID	319802	Collection Date	09/09/2023 3:48PM	
Age/Gender	30 Yrs/Male	Receiving Date	09/09/2023 3:52PM	
IP/OP Location	O-OPD	Report Date	09/09/2023 4:37PM	
Referred By	Dr. EHCC Consultant	Report Status	Final	MC-2561
Mobile No. 9773349797 BIOCHEMISTRY				

Test Name	Result	Unit	Biological Ref. Range
			Sample: WHOLE BLOOD EDTA
HBA1C	5.4	%	< 5.7% Nondiabetic 5.7-6.4% Pre-diabetic > 6.4% Indicate Diabetes
			Known Diabetic Patients< 7 %

Method : - High - performance liquid chromatography HPLC Interpretation:-Monitoring long term glycemic control, testing every 3 to 4 months is generally sufficient. The approximate relationship between HbAlC and mean blood glucose values during the preceding 2 to 3 months.

End Of Report

RESULT ENTERED BY : Mr. PANKAJ SHUKLA

Dr. SURENDRA SINGH **CONSULTANT & HOD** MBBS | MD | PATHOLOGY



Dr. ASHISH SHARMA **CONSULTANT & INCHARGE PATHOLOGY** MBBS | MD | PATHOLOGY

Patient Name	Mrs. PRIYA DEVI	Lab No	4010121
UHID	40005411	Collection Date	09/09/2023 1:51PM
Age/Gender	30 Yrs/Female	Receiving Date	09/09/2023 2:02PM
IP/OP Location	O-OPD	Report Date	09/09/2023 4:20PM
Referred By	Dr. ROOPAM SHARMA	Report Status	Final
Mobile No.	9950493480		

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Range	
BLOOD GLUCOSE (FASTING)				Sample: Fl. Plasma
BLOOD GLUCOSE (FASTING)	84.0	mg/dl	74 - 106	

Method: Hexokinase assay.

Interpretation:-Diagnosis and monitoring of treatment in diabetes mellitus and evaluation of carbohydrate metabolism in various diseases.

THYROID T3 T4 TSH				Sample: Serum
ТЗ	1.030	ng/mL	0.970 - 1.690	
Τ4	6.23	ug/dl	5.53 - 11.00	
TSH	18.16 H	μlU/mL	0.40 - 4.05	

T3:- Method: ElectroChemiLuminescence ImmunoAssay - ECLIA

Interpretation:-The determination of T3 is utilized in the diagnosis of T3-hyperthyroidism the detection of early stages of hyperthyroidism and for indicating a diagnosis of thyrotoxicosis factitia.

T4:- Method: ElectroChemiLuminescence ImmunoAssay - ECLIA

Interpretation:-The determination of T4 assay employs acompetitive test principle with an antibody specifically directed against T4.

TSH - THYROID STIMULATING HORMONE :- ElectroChemiLuminescenceImmunoAssay - ECLIA

Interpretation:-The determination of TSH serves as theinitial test in thyroid diagnostics. Even very slight changes in theconcentrations of the free thyroid hormones bring about much greater oppositechanges in the TSH levels.

LFT (LIVER FUNCTION TEST)

BILIRUBIN TOTAL	0.56	mg/dl	0.00 - 1.20
BILIRUBIN INDIRECT	0.45	mg/dl	0.20 - 1.00
BILIRUBIN DIRECT	0.11	mg/dl	0.00 - 0.40
SGOT	21.3	U/L	0.0 - 40.0
SGPT	27.6	U/L	0.0 - 40.0

RESULT ENTERED BY : SUNIL EHS

Aldrinan Van

Dr. ABHINAY VERMA

MBBS | MD | INCHARGE PATHOLOGY

Sample: Serum

Patient Name UHID	Mrs. PRIYA DEVI 40005411	Lab No Collection Date	4010121 09/09/2023 1:51PM	
Age/Gender IP/OP Location	30 Yrs/Female O-OPD	Receiving Date Report Date	09/09/2023 2:02PM 09/09/2023 4:20PM	
Referred By	Dr. ROOPAM SHARMA	Report Status	Final	
Mobile No.	9950493480			
BIOCHEMISTRY				

TOTAL PROTEIN	8.0	g/dl	6.6 - 8.7
ALBUMIN	4.8	g/dl	3.5 - 5.2
GLOBULIN	3.2		1.8 - 3.6
ALKALINE PHOSPHATASE	141.5 H	U/L	42 - 98
A/G RATIO	1.5	Ratio	1.5 - 2.5
GGTP	16.6	U/L	6.0 - 38.0

BILIRUBIN TOTAL :- Method: DPD assay. Interpretation:-Total Bilirubin measurements are used in the diagnosis and treatment of various liver diseases, and of haemolytic and metabolic disorders in adults and newborns. Both obstruction damage to hepatocellular structive.

BILIRUBIN DIRECT :- Method: Diazo method Interpretation:-Determinations of direct bilirubin measure mainly conjugated,

water soluble bilirubin. SGOT - AST :- Method: IFCC without pyridoxal phosphate activation. Interpretation:-SGOT(AST) measurements are used in the diagnosis and treatment of certain types of liver and heart disease.

SGPT - ALT :- Method: IFCC without pyridoxal phosphate activation. Interpretation:-SGPT(ALT) Ratio Is Used For Differential Diagnosis In Liver Diseases.

TOTAL PROTEINS :- Method: Bluret colorimetric assay. Interpretation:-Total protein measurements are used in the diagnosis and treatment of a variety of liver and kidney diseases and bone marrow as well as metabolic and nutritional disorder. ALBUMIN :- Method: Colorimetric (BCP) assay. Interpretation:-For Diagnosis and monitoring of liver diseases, e.g. liver cirrhosis, nutritional status.

ALKALINE PHOSPHATASE :- Method: Colorimetric assay according to IFCC. Interpretation:-Elevated serum ALT is found in hepatitis, cirrhosis, obstructive jaundice, carcinoma of the liver, and chronic alcohol abuse. ALT is only slightly elevated in patients who have an uncomplicated myocardial infarction. GGTP-GAMMA GLUTAMYL TRANSPEPTIDASE :- Method: Enzymetic colorimetric assay. Interpretation:-y-glutamyltransferase is used in the diagnosis and monitoring of hepatobiliary disease. Enzymatic activity of GGT is often the only parameter with increased values when testing for such diseases and is one of the most sensitive indicator known.

LIPID PROFILE

TOTAL CHOLESTEROL	210		<200 mg/dl :- Desirable 200-240 mg/dl :- Borderline >240 mg/dl :- High
HDL CHOLESTEROL	44.7		High Risk :-<40 mg/dl (Male), <40 mg/dl (Female) Low Risk :->=60 mg/dl (Male), >=60 mg/dl (Female)
LDL CHOLESTEROL	131.9		Optimal :- <100 mg/dl Near or Above Optimal :- 100-129 mg/dl Borderline :- 130-159 mg/dl High :- 160-189 mg/dl Very High :- >190 mg/dl
CHOLESTERO VLDL	41	mg/dl	10 - 50

RESULT ENTERED BY : SUNIL EHS

AlbinayVen

Dr. ABHINAY VERMA

Patient Name UHID Age/Gender IP/OP Location	Mrs. PRIYA DEVI 40005411 30 Yrs/Female O-OPD		Lab No Collection Date Receiving Date Report Date	4010121 09/09/2023 1:51PM 09/09/2023 2:02PM 09/09/2023 4:20PM
Referred By	Dr. ROOPAM SHARMA		Report Status	Final
Mobile No.	9950493480			
		BIOCHEM	ISTRY	
TRIGLYCERIDES		203.6	Normal :- <150 Border Line:- 15 High :- 200 - 499 Very high :- > 50	50 - 199 mg/dl 9 mg/dl
CHOLESTEROL/HDL RA	ATIO	4.7 %		
CHOLESTEROL TOTAL :- Method: CHOD-PAP enzymatic colorimetric assay. interpretation:-The determination of the individual total cholesterol (TC) level is used for screening purposes while for a better risk assessment it is necessary to measure additionally lipid & lipoprotein metabolic disorders. HDL CHOLESTEROL :- Method:-Homogenous enzymetic colorimetric method. Interpretation:-HDL-cholesterol has a protective against coronary heart disease, while reduced HDL-cholesterol concentrations, particularly in conjunction with elevated triglycerides, increase the cardiovascular disease. LDL CHOLESTEROL :- Method: Homogenous enzymatic colorimetric assay. Interpretation:-LDL play a key role in causing and influencing the progression of atherosclerosis and in particular				

Coronary sclerosis. The LDL are derived form VLDL rich in TG by the action of various lipolytic enzymes and are synthesized in the liver. CHOLESTEROL VLDL :- Method: VLDL Calculative TRIGLYCERIDES :- Method: GPO-PAP enzymatic colorimetric assay. Interpretation:-High triglycerde levels also occur in various diseases of liver, kidneys and pancreas.

DM, nephrosis, liver obstruction. CHOLESTEROL/HDL RATIO :- Method: Cholesterol/HDL Ratio Calculative

RENAL PROFILE TEST				Sample: Serum
UREA	27.10	mg/dl	16.60 - 48.50	
BUN	12.7	mg/dl	6 - 20	
CREATININE	0.56	mg/dl	0.50 - 0.90	
SODIUM	139.7	mmol/L	136 - 145	
POTASSIUM	4.41	mmol/L	3.50 - 5.50	
CHLORIDE	105.5	mmol/L	98 - 107	
URIC ACID	1.8 L	mg/dl	2.6 - 6.0	
CALCIUM	9.47	mg/dl	8.60 - 10.30	

RESULT ENTERED BY : SUNIL EHS



Patient Name	Mrs. PRIYA DEVI	Lab No	4010121
UHID	40005411	Collection Date	09/09/2023 1:51PM
Age/Gender	30 Yrs/Female	Receiving Date	09/09/2023 2:02PM
IP/OP Location	O-OPD	Report Date	09/09/2023 4:20PM
Referred By	Dr. ROOPAM SHARMA	Report Status	Final
Mobile No.	9950493480		

CREATININE - SERUM :- Method:-Jaffe method, Interpretation:-To differentiate acute and chronic kidneydisease. URIC ACID :- Method: Enzymatic colorimetric assay. Interpretation:- Elevated blood concentrations of uricacid are renal diseases with decreased excretion of waste products, starvation, drug abuse and increased alcohol consume.

SODIUM:- Method: ISE electrode. Interpretation:-Decrease: Prolonged vomiting or diarrhea, diminished reabsorption in the kidney and excessive fluid retention. Increase: excessive fluid loss, high salt intake andkidney reabsorption.

POTASSIUM :- Method: ISE electrode. Intrpretation:-Low level: Intake excessive loss formbodydue to diarrhea, vomiting renal failure, High level: Dehydration, shock severe burns, DKA, renalfailure. **CHLORIDE - SERUM** :- Method: ISE electrode. Interpretation:-Decrease: reduced dietary intake, prolonged vomiting and reduced

CHLORIDE - SERUM :- Method: ISE electrode. Interpretation:-Decrease: reduced dietary intake, prolonged vomiting and reduced renal reabsorption as well as forms of acidosisand alkalosis.

Increase: dehydration, kidney failure, some form ofacidosis, high dietary or parenteral chloride intake, and salicylate poisoning.

UREA:- Method: Urease/GLDH kinetic assay. Interpretation:-Elevations in blood urea nitrogenconcentration are seen in inadequate renal perfusion, shock, diminished bloodvolume, chronic nephritis, nephrosclerosis, tubular necrosis, glomerularnephritis and UTI.

CALCIUM TOTAL :- Method: O-Cresolphthaleine complexone. Interpretation:-Increase in serum PTH or vit-D are usuallyassociated with hypercalcemia. Increased serum calcium levels may also beobserved in multiple myeloma and other neoplastic diseases. Hypocalcemia may

beobserved in hypoparathyroidism, nephrosis, and pancreatitis.

RESULT ENTERED BY : SUNIL EHS

Patient Name UHID	Mrs. PRIYA DEVI 40005411	Lab No Collection Date	4010121 09/09/2023 1:51PM
Age/Gender	30 Yrs/Female	Receiving Date	09/09/2023 2:02PM
IP/OP Location	O-OPD	Report Date	09/09/2023 4:20PM
Referred By	Dr. ROOPAM SHARMA	Report Status	Final
Mobile No.	9950493480		

BLOOD BANK INVESTIGATION

Test Name	Result	Unit	Biological Ref. Range
BLOOD GROUPING	"B" Rh Positive		

BLOOD GROUPING

Note :

Both forward and reverse grouping performed.
Test conducted on EDTA whole blood.

RESULT ENTERED BY : SUNIL EHS

AllineyVana

Dr. ABHINAY VERMA

Patient Name	Mrs. PRIYA DEVI	Lab No	4010121
UHID	40005411	Collection Date	09/09/2023 1:51PM
Age/Gender	30 Yrs/Female	Receiving Date	09/09/2023 2:02PM
IP/OP Location	O-OPD	Report Date	09/09/2023 4:20PM
Referred By	Dr. ROOPAM SHARMA	Report Status	Final
Mobile No.	9950493480		

CLINICAL PATHOLOGY

Test Name	Result	Unit	Biological Ref. Range	
ROUTINE EXAMINATION - URINE				Sample: Urine
PHYSICAL EXAMINATION				
VOLUME	15	ml		
COLOUR	PALE YELLOW		P YELLOW	
APPEARANCE	HAZY		CLEAR	
CHEMICAL EXAMINATION				
РН	6.0		5.5 - 7.0	
SPECIFIC GRAVITY	1.030		1.016-1.022	
PROTEIN	NEGATIVE		NEGATIVE	
SUGAR	NEGATIVE		NEGATIVE	
BILIRUBIN	NEGATIVE		NEGATIVE	
BLOOD	NEGATIVE			
KETONES	NEGATIVE		NEGATIVE	
NITRITE	NEGATIVE		NEGATIVE	
UROBILINOGEN	NEGATIVE		NEGATIVE	
LEUCOCYTE	NEGATIVE		NEGATIVE	
MICROSCOPIC EXAMINATION				
WBCS/HPF	5-6	/hpf	0 - 3	
RBCS/HPF	0-0	/hpf	0 - 2	
EPITHELIAL CELLS/HPF	8-10	/hpf	0 - 1	
CASTS	NIL		NIL	
CRYSTALS	NIL		NIL	
BACTERIA	NIL		NIL	
OHTERS	NIL		NIL	

RESULT ENTERED BY : SUNIL EHS

AlbineyVerna

Dr. ABHINAY VERMA

Patient Name	Mrs. PRIYA DEVI	Lab No	4010121
UHID	40005411	Collection Date	09/09/2023 1:51PM
Age/Gender	30 Yrs/Female	Receiving Date	09/09/2023 2:02PM
IP/OP Location	O-OPD	Report Date	09/09/2023 4:20PM
Referred By	Dr. ROOPAM SHARMA	Report Status	Final
Mobile No.	9950493480		

Methodology:-

Glucose: GOD-POD, Bilirubin: Diazo-Azo-coupling reaction with a diazonium, Ketone: Nitro Pruside reaction, Specific Gravity: Proton re;ease from ions, Blood: Psuedo-Peroxidase activity oh Haem moiety, pH: Methye Red-Bromothymol Blue (Double indicator system), Protein: H+ Release by buffer, microscopic & chemical method. interpretation: Diagnosis of Kidney function, UTI, Presence of Protein, Glucoses, Blood. Vocubulary syntax: Kit insert

RESULT ENTERED BY : SUNIL EHS

Patient Name	Mrs. PRIYA DEVI	Lab No	4010121
UHID	40005411	Collection Date Receiving Date	09/09/2023 1:51PM
Age/Gender	30 Yrs/Female		09/09/2023 2:02PM
IP/OP Location	O-OPD	Report Date	09/09/2023 4:20PM
Referred By	Dr. ROOPAM SHARMA	Report Status	Final
Mobile No.	9950493480		

HEMATOLOGY

Test Name	Result	Unit	Biological Ref. Ra	nge
CBC (COMPLETE BLOOD COUNT)				Sample: WHOLE BLOOD EDTA
HAEMOGLOBIN	9.1 L	g/dl	12.0 - 15.0	
PACKED CELL VOLUME(PCV)	30.8 L	%	36.0 - 46.0	
MCV	86.5	fl	82 - 92	
MCH	25.6 L	pg	27 - 32	
MCHC	29.5 L	g/dl	32 - 36	
RBC COUNT	3.56 L	millions/cu.mm	3.80 - 4.80	
TLC (TOTAL WBC COUNT)	6.41	10^3/ uL	4 - 10	
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHILS	63.2	%	40 - 80	
LYMPHOCYTE	26.5	%	20 - 40	
EOSINOPHILS	1.4	%	1 - 6	
MONOCYTES	8.1	%	2 - 10	
BASOPHIL	0.8 L	%	1 - 2	
PLATELET COUNT	2.60	lakh/cumm	1.500 - 4.500	

HAEMOGLOBIN :- Method:-SLS HemoglobinMethodology by Cell Counter.Interpretation:-Low-Anemia, High-Polycythemia. MCV :- Method:- Calculation bysysmex. MCH :- Method:- Calculation bysysmex. MCHC :- Method:- Calculation bysysmex.

RBC COUNT :- Method:-Hydrodynamicfocusing.Interpretation:-Low-Anemia,High-Polycythemia.

TLC (TOTAL WBC COUNT) :- Method:-Optical Detectorblock based on Flowcytometry.Interpretation:-High-Leucocytosis, Low-Leucopenia.

NEUTROPHILS :- Method: Optical detectorblock based on Flowcytometry

LYMPHOCYTS :- Method: Optical detectorblock based on Flowcytometry

EOSINOPHILS :- Method: Optical detectorblock based on Flowcytometry **MONOCYTES** :- Method: Optical detectorblock based on Flowcytometry

BASOPHIL :- Method: Optical detectorblock based on Flowcytometry

PLATELET COUNT :- Method:-Hydrodynamicfocusing method.Interpretation:-Low-Thrombocytopenia, High-Thrombocytosis.

HCT: Method:- Pulse Height Detection. Interpretation:-Low-Anemia, High-Polycythemia. NOTE: CH- CRITICAL HIGH, CL: CRITICAL LOW, L: LOW, H: HIGH

ESR (ERYTHROCYTE SEDIMENTATION RATE)

20 H

mm/1st hr 0 - 15

RESULT ENTERED BY : SUNIL EHS

Aldrinan Van

Dr. ABHINAY VERMA

Patient Name	Mrs. PRIYA DEVI	Lab No	4010121
UHID	40005411	Collection Date	09/09/2023 1:51PM
Age/Gender	30 Yrs/Female	Receiving Date	09/09/2023 2:02PM
IP/OP Location	O-OPD	Report Date	09/09/2023 4:20PM
Referred By	Dr. ROOPAM SHARMA	Report Status	Final
Mobile No.	9950493480		

Method:-Modified Westergrens. Interpretation:-Increased in infections, sepsis, and malignancy.

RESULT ENTERED BY : SUNIL EHS

Patient Name	Mrs. PRIYA DEVI	Lab No	4010121	
UHID	40005411	Collection Date	09/09/2023 1:51PM	
Age/Gender	30 Yrs/Female	Receiving Date	09/09/2023 2:02PM	
IP/OP Location	O-OPD	Report Date	09/09/2023 4:20PM	
Referred By	Dr. ROOPAM SHARMA	Report Status	Final	
Mobile No.	9950493480			
X Rav				

X Ray

Test Name

Result

Unit

Biological Ref. Range

X-RAY CHEST P. A. VIEW

Both lung fields are clear.

Both CP angles are clear.

Both hemi-diaphragms are normal in shape and outlines.

Cardiac shadow is within normal limits.

Visualized bony thorax is unremarkable.

Correlate clinically& with other related investigations.

End Of Report

RESULT ENTERED BY : SUNIL EHS



APOORVA JETWANI

Select

DEPARTMENT OF RADIO DIAGNOSIS

UHID / IP NO	40005411 (9751)	RISNo./Status :	4010121/
Patient Name :	Mrs. PRIYA DEVI	Age/Gender :	30 Y/F
Referred By :	Dr. ROOPAM SHARMA	Ward/Bed No :	OPD
Bill Date/No :	09/09/2023 1:06PM/ OPSCR23- 24/4886	Scan Date :	
Report Date :	09/09/2023 2:46PM	Company Name:	Mediwheel - Arcofemi Health Care Ltd.

ULTRASOUND STUDY OF WHOLE ABDOMEN

Liver:	Normal in size & echotexture. No obvious significant focal parenchymal mass lesion noted. Intrahepatic biliary radicals are not dilated. Portal vein is normal.		
Gall Bladder:	Lumen is clear. Wall thickness is normal. CBD is normal.		
Pancreas:	Normal in size & echotexture.		
Spleen:	Normal in size & echotexture. No focal lesion seen.		
Right Kidney:	Normal in shape, size & location. Echotexture is normal. Corticomedullary differentiation is maintained. No evidence of significant hydronephrosis or obstructive calculus noted.		
Left Kidney:	Normal in shape, size & location. Echotexture is normal. Corticomedullary differentiation is maintained. No evidence of significant hydronephrosis or obstructive calculus noted.		
Urinary Bladder:	Normal in size, shape & volume. No obvious calculus or mass lesion is seen. Wall thickness is normal.		
Uterus:	Normal in size, shape & anteverted in position. Endometrial thickness is normal. Endometrial cavity is empty. Small subserosal fibroid seen anteriorly, measuring approx. 8x9mm.		
Both ovaries:	Bilateral ovaries are normal in size, shape & volume.		
Others:	No significant free fluid is seen in pelvic peritoneal cavity.		
IMPRESSION: USG findings are suggestive of			

• Small subserosal uterine fibroid.

Correlate clinically & with other related investigations.

Joy

DR. APOORVA JETWANI Incharge & Senior Consultant Radiology MBBS, DMRD, DNB Reg. No. 26466, 16307