DEPARTMENT OF RADIO DIAGNOSIS

UHID / IP NO	40007299 (14013)	RISNo./Status :	4014448/
Patient Name :	Mr. NEETESH YADAV	Age/Gender :	33 Y/M
Referred By :	Dr. ROOPAM SHARMA/ DIWANSHU KHATANA	Ward/Bed No :	OPD
Bill Date/No :	05/11/2023 11:46AM/ OPSCR23- 24/7403	Scan Date :	
Report Date :	05/11/2023 12:20PM	Company Name:	Mediwheel - Arcofemi Health Care Ltd.

ULTRASOUND STUDY OF WHOLE ABDOMEN

- Liver: Normal in size with mild diffuse increased 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. 3 mm size calculus seen in middle calyx.
- Urinary Bladder: Partially distended. No obvious calculus or mass lesion is seen. Wall thickness is normal.
- **Prostate:** Is normal in size and echotexture.

Others: No significant free fluid is seen in pelvic peritoneal cavity.

IMPRESSION: USG findings are suggestive of

- Mild fatty liver.
- Small left renal calculus.

Correlate clinically & with other related investigations.

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

DEPARTMENT OF CARDIOLOGY

UHID / IP NO	40007299 (14013)	RISNo./Status :	4014448/
Patient Name :	Mr. NEETESH YADAV	Age/Gender :	33 Y/M
Referred By :	Dr. ROOPAM SHARMA/ DIWANSHU KHATANA	Ward/Bed No :	OPD
Bill Date/No :	05/11/2023 11:46AM/ OPSCR23- 24/7403	Scan Date :	
Report Date :	05/11/2023 1:27PM	Company Name:	Final

REFERRAL REASON: - HEALTH CHECKUP

2D ECHOCARDIOGRAPHY WITH COLOR DOPPLER

M MODE DIMENSIONS: -

			No	rmal				Normal
IVSD	9.0	6-12mm		LVIDS	26.7	20-40mm		
LVIDD	41.2		32-	57mm		LVPWS	17.2	mm
LVPWD	9.0		6-1	2mm		AO	28.6	19-37mm
IVSS	18.1		I	mm		LA	29.5	19-40mm
LVEF	62-64		>	55%		RA	-	mm
DOPPLER MEASUREMENTS & CALCULATIONS:								
STRUCTURE	MORPHOLOGY	VELOCITY (m/s)		GRADIENT		REGURGITATION		
				(mmHg <u>)</u>				
MITRAL	NORMAL	Е	0.85	e'		-		NIL
VALVE		Α	0.45	E/e'				
TRICUSPID	NORMAL		Е	0.	66	-		NIL
VALVE		A 0.54						
AORTIC	NORMAL	1.23		-		NIL		
VALVE	NODMAL							
PULMONARY	NORMAL		().87				NIL
VALVE						-		

COMMENTS & CONCLUSION: -

- ALL CARDIAC CHAMBERS ARE NORMAL
- NO RWMA, LVEF 62-64%
- 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 UHID	Mr. NEETESH YADAV 326738			Lab No Collection Date	563363 05/11/2023 1:28PM	
Age/Gender	33 Yrs/Male			Receiving Date	05/11/2023 1:29PM	
IP/OP Location	O-OPD			Report Date	05/11/2023 1:46PM	MC-2561
Referred By	Dr. EHCC Consultant			Report Status	Final	WC-2301
Mobile No.	9773349797					
			BIOCHEMIS	TRY		
Test Name		Result	Unit	Bio	ological Ref. Range	

				Sample: WHOLE BLOOD EDTA
HBA1C	5.7	%	< 5.7% Nondiabetic 5.7-6.4% Pre-diabetic > 6.4% Indicate Diabe	rtes
			Known Diabetic Patients	

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

Sweden Sign

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

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

Excellent Control

Good Control

Poor Control

< 7 % 7 - 8 %

>8%

Page: 1 Of 1

Patient Name	Mr. NEETESH YADAV	Lab No	4014448
UHID	40007299	Collection Date	05/11/2023 11:52AM
Age/Gender	33 Yrs/Male	Receiving Date	05/11/2023 11:54AM
IP/OP Location	O-OPD	Report Date	05/11/2023 1:20PM
Referred By	Dr. ROOPAM SHARMA/ DIWANSHU KHATANA	Report Status	Final
Mobile No.	8094613721		

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Range	
BLOOD GLUCOSE (FASTING)				Sample: Fl. Plasma
BLOOD GLUCOSE (FASTING)	90.8	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	1.390	ng/mL	0.970 - 1.690	
Τ4	9.69	ug/dl	5.53 - 11.00	
ТЅН	2.49	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	[]
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BILIRUBIN TOTAL	2.22 H	mg/dl	0.00 - 1.20
BILIRUBIN INDIRECT	1.83 H	mg/dl	0.20 - 1.00
BILIRUBIN DIRECT	0.39	mg/dl	0.00 - 0.40
SGOT	26.7	U/L	0.0 - 40.0
SGPT	31.4	U/L	0.0 - 40.0

RESULT ENTERED BY : NEETU SHARMA

AlbunaryVerna

Dr. ABHINAY VERMA

MBBS | MD | INCHARGE PATHOLOGY

Sample: Serum

Patient Name	Mr. NEETESH YADAV	Lab No	4014448
UHID	40007299	Collection Date	05/11/2023 11:52AM
Age/Gender	33 Yrs/Male	Receiving Date	05/11/2023 11:54AM
IP/OP Location	O-OPD	Report Date	05/11/2023 1:20PM
Referred By	Dr. ROOPAM SHARMA/ DIWANSHU KHATANA	Report Status	Final
Mobile No.	8094613721		
BIOCHEMISTRY			

		DIOCHEMISTICI	
TOTAL PROTEIN	7.8	g/dl	6.6 - 8.7
ALBUMIN	5.2	g/dl	3.5 - 5.2
GLOBULIN	2.6		1.8 - 3.6
ALKALINE PHOSPHATASE	57.3	U/L	53 - 128
A/G RATIO	2.0	Ratio	1.5 - 2.5
GGTP	24.2	U/L	10.0 - 55.0

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: Biuret 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	233		<200 mg/dl :- Desirable 200-240 mg/dl :- Borderline >240 mg/dl :- High
HDL CHOLESTEROL	36.1		High Risk :-<40 mg/dl (Male), <40 mg/dl (Female) Low Risk :->=60 mg/dl (Male), >=60 mg/dl (Female)
LDL CHOLESTEROL	166.0		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	45	mg/dl	10 - 50

RESULT ENTERED BY : NEETU SHARMA

AlerinaryVan

Dr. ABHINAY VERMA

Patient Name UHID	Mr. NEETESH YADAV 40007299			Lab No Collection Date	4014448 05/11/2023 11:52AM 05/11/2023 11:54AM
Age/Gender IP/OP Location	33 Yrs/Male O-OPD			Receiving Date Report Date	05/11/2023 1:20PM
Referred By	Dr. ROOPAM SHARMA/ DIW	ANSHU KHATANA		Report Status	Final
Mobile No.	8094613721				
		BIOC	HEMISTR	Y	
TRIGLYCERIDES		222.8		Normal :- <1: Border Line:- High :- 200 - · Very high :- >	- 150 - 199 mg/dl 499 mg/dl
CHOLESTEROL/HDL RA	TIO	6.5	%		
CHOLESTEROL/HDL RAID 6.5 % 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					

UREA	23.50	mg/dl	16.60 - 48.50
BUN	11.0	mg/dl	6 - 20
CREATININE	0.90	mg/dl	0.60 - 1.10
SODIUM	139.3	mmol/L	136 - 145
POTASSIUM	4.55	mmol/L	3.50 - 5.50
CHLORIDE	105.5	mmol/L	98 - 107
URIC ACID	5.9	mg/dl	3.5 - 7.2
CALCIUM	9.85	mg/dl	8.60 - 10.30

RESULT ENTERED BY : NEETU SHARMA

AlbineyVana

Dr. ABHINAY VERMA

MBBS | MD | INCHARGE PATHOLOGY

Sample: Serum

Patient Name	Mr. NEETESH YADAV	Lab No	4014448
UHID	40007299	Collection Date	05/11/2023 11:52AM
Age/Gender	33 Yrs/Male	Receiving Date Report Date	05/11/2023 11:54AM
IP/OP Location	O-OPD	Report Status	05/11/2023 1:20PM
Referred By	Dr. ROOPAM SHARMA/ DIWANSHU KHATANA		Final
Mobile No.	8094613721		

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

chabitat in Action in the interference 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 : NEETU SHARMA

Patient Name	Mr. NEETESH YADAV	Lab No	4014448
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Mobile No.	8094613721		

BLOOD BANK INVESTIGATION

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

Note :

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

RESULT ENTERED BY : NEETU SHARMA

AldrinayVerna

Dr. ABHINAY VERMA

Patient Name	Mr. NEETESH YADAV	Lab No	4014448
UHID	40007299	Collection Date	05/11/2023 11:52AM
Age/Gender	33 Yrs/Male	Receiving Date	05/11/2023 11:54AM
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Referred By	Dr. ROOPAM SHARMA/ DIWANSHU KHATANA	Report Status	Final
Mobile No.	8094613721		

CLINICAL PATHOLOGY

Test Name	Result	Unit	Biological Ref. Range	
URINE SUGAR (RANDOM)				Sample: Urine
URINE SUGAR (RANDOM)	NEGATIVE		NEGATIVE	
				Sample: Urine
PHYSICAL EXAMINATION				
VOLUME	20	ml		
COLOUR	PALE YELLOW		P YELLOW	
APPEARANCE	CLEAR		CLEAR	
CHEMICAL EXAMINATION				
РН	6.5		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	2-3	/hpf	0 - 3	
RBCS/HPF	0-0	/hpf	0 - 2	
EPITHELIAL CELLS/HPF	1-2	/hpf	0 - 1	
CASTS	NIL		NIL	
CRYSTALS	NIL		NIL	
BACTERIA	NIL		NIL	
OHTERS	NIL		NIL	

RESULT ENTERED BY : NEETU SHARMA

AlbineyVana

Dr. ABHINAY VERMA

Patient Name	Mr. NEETESH YADAV	Lab No	4014448
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Mobile No.	8094613721		

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 : NEETU SHARMA

Patient Name	Mr. NEETESH YADAV	Lab No	4014448
UHID	40007299	Collection Date	05/11/2023 11:52AM
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IP/OP Location	O-OPD	Report Date	05/11/2023 1:20PM
Referred By	Dr. ROOPAM SHARMA/ DIWANSHU KHATANA	Report Status	Final
Mobile No.	8094613721		

HEMATOLOGY

Test Name	Result	Unit	Biological Ref. Ra	nge
CBC (COMPLETE BLOOD COUNT)				Sample: WHOLE BLOOD EDTA
HAEMOGLOBIN	14.7	g/dl	13.0 - 17.0	
PACKED CELL VOLUME(PCV)	45.0	%	40.0 - 50.0	
MCV	86.7	fl	82 - 92	
МСН	28.3	pg	27 - 32	
МСНС	32.7	g/dl	32 - 36	
RBC COUNT	5.19	millions/cu.mm	4.50 - 5.50	
TLC (TOTAL WBC COUNT)	5.95	10^3/ uL	4 - 10	
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHILS	48.2	%	40 - 80	
LYMPHOCYTE	41.8 H	%	20 - 40	
EOSINOPHILS	4.0	%	1 - 6	
MONOCYTES	5.5	%	2 - 10	
BASOPHIL	0.5 L	%	1 - 2	
PLATELET COUNT	2.31	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)

10

mm/1st hr 0 - 15

RESULT ENTERED BY : NEETU SHARMA

Aldriner Verna

Dr. ABHINAY VERMA

Patient Name	Mr. NEETESH YADAV	Lab No	4014448
UHID	40007299	Collection Date	05/11/2023 11:52AM
Age/Gender	33 Yrs/Male	Receiving Date	05/11/2023 11:54AM
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Method:-Modified Westergrens. Interpretation:-Increased in infections, sepsis, and malignancy.

RESULT ENTERED BY : NEETU SHARMA

Patient Name UHID	Mr. NEETESH YADAV 40007299	Lab No Collection Date	4014448 05/11/2023 11:52AM
Age/Gender	33 Yrs/Male	Receiving Date Report Date	05/11/2023 11:54AM
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Referred By	Dr. ROOPAM SHARMA/ DIWANSHU KHATANA	Report Status	Final
Mobile No.	8094613721		

X Ray

Unit

Test Name

Result

Biological Ref. Range

X-RAY - CHEST PA VIEW

OBSERVATION:

The trachea is central.

The mediastinal and cardiac silhouette are normal.

Cardiothoracic ratio is normal.

Cardiophrenic and costophrenic angles are normal.

Both hila are normal.

The lung fields are clear.

Bones of the thoracic cage are normal.

End Of Report

RESULT ENTERED BY : NEETU SHARMA



APOORVA JETWANI

Select