



# SHEKHAR SARRAF MEMORIAL HOSPITAL

Name of Patient : Mr. Praveen Kumar  
Referred By : Dr. Self

Date: September 23, 2024  
Age / Sex: 23y/M

## U.S.G ABDOMEN

**LIVER-** Appears normal in size with homogenous echotexture. No focal or diffuse parenchymal lesions.

Normal intrahepatic biliary ducts

**GB** appears well distended with normal GB wall thickness & preserved fat planes with adjacent liver. No gall stones or wall oedema is seen.

**C.B.D:** Normal in calibre and course. No stone or mass seen. Portal Vein appears Normal in calibre.

**PANCREAS:** Normal in size with uniform echotexture. No focal lesion detected. No peripancreatic collections or inflammation seen

**SPLEEN:** Normal in size with uniform echotexture. No focal lesion.

### **B/ L KIDNEYS:**

**RK-** Obstructing calculus noted in pelvis & lower pole calyx (meas~13mm) leading to mild hydronephrosis. Corticomedullary differentiation appears maintained

**LK-** Normal in size, position, shape, parenchyma and outline. No hydronephrosis or calculus mass.

**UR.BLADDER-** appears partial at scan with normal wall thickness with no evidence of any calculus or mass lesion within the lumen.

**PROSTATE** appears normal in size

No free fluid or significant mesenteric lymphadenopathy is noted

Bowel loops appears normal with normal wall thickness & peristalsis.

### CONCLUSION:- USG findings are s/o -

- Obstructing calculus noted in pelvis & lower pole calyx leading to mild hydronephrosis.


  
DR. SRISHRI VATIKA JAIN  
MBBS, D.M.D.



# SHEKHAR SARRAF MEMORIAL HOSPITAL



Patient Name : MR. PRAVEEN KUMAR  
 Age / Sex : 28Y 9M 0D / Male  
 Reg.No/UHD : REGH-245336/UHD107321  
 Lab No. : LA24019891  
 Referred By : Dr.SELF  
 Sponsor : BOB  
 Certified On :  
 Barcode No. : 129326,129327,129328,129329,129330,129331,129332

Bill No. : OPB12419577  
 Sample Collected : Sep 19 2024 9:12AM  
 Sample Received : Sep 19 2024 9:42AM  
 Report On : Sep 19 2024 10:11AM  
 Bill Creation Date : Sep 19 2024 2:59PM  
 Barcode :   
 Passport No. :

Test Name	Results	Units	Biological Reference
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### Haematology

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

HB (Haemoglobin)	15.1	gm%	13.5 - 16
Total WBC Count	2900	cells/cumm	4000 - 11000
Neutrophils	60	%	55 - 65
Lymphocytes	38	%	30 - 54
Eosinophils	01	%	00 - 03
Monocytes	01	%	00 - 05
Basophils	00	%	00 - 01
RBC(Method-Electric Impedence)	1 5.22	10 <sup>12</sup> /L	4 - 5
HCT(Method - Calculated)	43.6	%	40 - 54
MCV(Method - Calculated)	83.5	fl	75 - 95
MCH(Method - Calculated)	29.0	pg	20 - 32
MCHC(Method - Calculated)	34.7	g/dl	32 - 36
PLT(Method-Electric Impedence)	1.70	10 <sup>12</sup> /L	1.5 - 4.5
E.S.R.in 1st Hr.	10	mm in 1st hr.	0 - 10
		mm	

Blood group

"A" Positive

### Biochemistry

#### LIPID PROFILE TEST

CHOLESTEROL - TOTAL(Method - Cholesterol Oxidase Esterase Peroxidase)	1 233.0	mg/dl	0 - 200
Interpretation : Desirable <200 Borderline High 200 - 239 High ≥ 240			
Triglycerides(Method - GPO-POD)	127.0	mg/dl	0 - 150
Interpretation : Normal <150 Borderline High 150-199 High 200-499 Very High >500			

*Renu*

Dr. Renu Varshney  
MBBS MD

Reg.No-UP MCI- 62804

Pathologist

This report is NOT valid for medicolegal case or any court procedure. All tests have technical limitations. Clinicopathological correlation is must in case of disparity test may be repeated immediately.

MD & T : 19/09/2024 14:51:21

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**Mr. Name** : MR. PRAVEEN KUMAR  
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**No.** : LA24019891  
**Arr By** : Dr. BELF  
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Test Name	Results	Units	Biological Reference
HDL	50.0	mg/dl	40 - 60
CHOLESTROL (Method-Oxidase/Peroxidase)			
CHOLESTROL - LDL DIRECT (Method - Calculated)	1157.0	mg/dl	0 - 100
Interpretation : Optimal <100 Near Optimal/Above 100-120 Border line High 130-150 High 160-189 Very High >190			
VLDL CHOLESTEROL (Method - Calculated)	25.4	mg/dl	< 30.0
<b>LIVER FUNCTION TEST (LFT)</b>			
BILIRUBIN -TOTAL (Method DSA)	0.80	mg/dl	< 1.2
BILIRUBIN DIRECT (Method DSA)	0.20	mg/dl	< 0.3
BILIRUBIN -INDIRECT (Method - Calculated)	0.60	mg/dl	0.2 - 0.8
S G O T (IFCC Without Pyridoxal Phosphate)	136.0	U/L	0 - 35
S G P T (IFCC Without Pyridoxal Phosphate)	184.0	U/L	0 - 45
S.ALKALINE PHOSPHATASE	131.0	IU/L	40 - 129
S.ALBUMIN (Method - B.C.G.)	5.0	g/dl	3.5 - 5.2
<b>Kidney Function Test</b>			
BLOOD UREA (Method UREASE-GLDH)	25.0	mg/dl	19 - 45
CREATININE	0.80	mg/dl	0.7 - 1.3
<b>SODIUM &amp; POTASSIUM</b>			
SODIUM (Method ISE)	135.0	mmol/L	135 - 150
S.POTASSIUM (Method ISE)	4.14	mmo/L	3.5 - 5.0
Uric Acid (Method Uricase POD)	6.87	mg/dl	3.5 - 7.2
<b>Immunology</b>			
<b>Thyroid Profile (T3, T4, TSH)</b>			
T3 (Tri Iodothyronine) (Method - CLIA)	1.40	ng/ml	0.60 - 1.81
T4 (Thyroxine) (Method - CLIA)	5.02	ug/dl	3.5 - 12.6


  
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 MBBS MD  
 Reg No-UP MCI- 62804  
**Pathologist**

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Test Name	Results	Units	Biological Reference
Thyroid Stimulating Hormone (TSH) , ULTRASENSITIVE(Method - CLIA)	2.79	uIU/ml	0.35 - 5.50
<b>Biochemistry</b>			
S.CALCIUM(Method ISE)	10.0	mg/dl	8.6 - 10.2
Blood Glucose(F)	80.0	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)	1137.0	mg/dl	< 120
HbA1C (Glycosylated Haemoglobin) (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 glycemc control			
Age > 19 years			
Goal of therapy : < 7.0			
Age < 19 Years			
Goal of therapy : < 7.5			

## URINE R/M (Routine and Microscopic Examination)

Physical Examination	Results	Units	Biological Reference
Volume	20	mL	Pale yellow
Colour	Light Yellow		Clear
Transparency	clear		
<b>Chemical Examination</b>			
Reaction (pH)	7.0		4.5 - 8.0
Specific Gravity	1.010		1.010 - 1.030
Urine Glucose (sugar) (Method-Oxidase/Peroxidase)	Negative		Negative
Urine Protein (Albumin)(Method-Acid/Base Colour Exchahnge)	Negative		Negative


  
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Test Name	Results	Units	Biological Ref
Urine Ketones (Acetone)(Method-Sodium Nitroprusside)	Negative		Negative
Blood(Method-Peroxidase Hemoglobin)	Negative		Negative
Bilirubin Urine(Method-Coupling Reaction)	Negative		Negative
Nitrite(Method-Diazotisation)	Negative		Negative
Urobilinogen(Method -Ehrlichs Test)	Negative		Negative
<b>Microscopic Examination</b>			
Pus Cells (WBCs)	2-3	/HPF	0 - 5
Epithelial Cells	1-2	/HPF	0 - 4
Red Blood Cells	Absent		Absent
Crystals	Absent		Absent
Cast	Absent		Absent
Yeast Cells	Absent		Absent
Amorphous deposits	Absent		Absent
Others	Absent		Absent

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



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NAME: Mr. Praveen Kumar	AGE: 28Y/M	DATE: 19-09-2024
REFERRED BY: SELF		REG. No.: 245335

## ADULT ECHOCARDIOGRAPHY & COLOR DOPPLER REPORT

CHAMBER QUANTITATION	ABSOLUTE VALUE	REFERENCE VALUE
IVS (ed)	09 mm	06 - 10 mm(ed)
LVIDd(ed)	46 mm	35 - 55 mm(ed)
LVIDs (es)	36 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)	29 mm	22 - 34 mm(es)
LA (es)	35 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 demonstrates normal cusp 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 variation.

## COLOUR FLOW IMAGING & DOPPLER

VALVE	MAXIMUM VELOCITY		REGURGITATION
MITRAL	E = 0.88 (0.5-1.0m/sec)	A = 0.48 (0.3-0.8m/sec)	Trivial
	DT = 198 (160-240ms)	E/A = 1.83 ( $\geq 1.5$ )	
AORTIC	1.1	(1.0 - 1.7m/sec)	NIL
TRICUSPID	0.5	(0.5 - 1m/sec)	Trace
PULMONARY	0.7	(0.6 - 0.9m/sec)	NIL

## IMPRESSION

- (HR- 76bpm)
- All cardiac chamber dimensions are normal with normal wall thickness.
- Normal biventricular systolic function.
- Trivial MR, Trace TR.
- Normal LV diastolic functions.
- LVEF = 61%.

(Dr. K.D. Singh)  
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