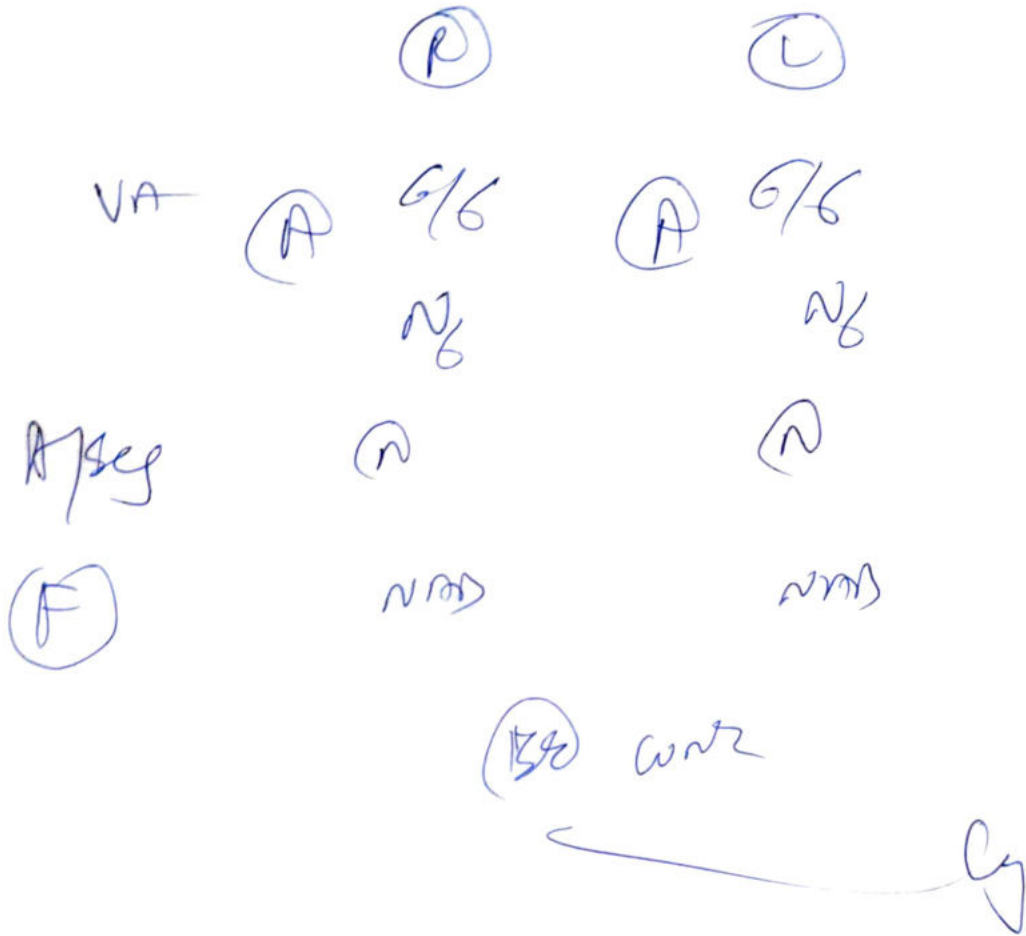


Mr. Atul Purohit

Age. 31 IM

25/3/23

opulta



**ECHO Report**

**Date: 25/03/2023**

**Patient Details**

**Patient ID –**

**Name- MR ATUL PUROHIT**

**Age- 31 YEARS**

**Gender- MALE**

**Referral BY - MEDIWHEEL**

**Doctor Incharge DR. MAHESH PADSALGE**

**Clinical Status of Patient -**

**Finding description -**

- 1. Tachycardia During Study .**
- 2. Normal LV systolic function.**
- 3. No RWMA.**
- 4. All cardiac valves are structurally normal.**
- 5. Trivial MR, Trivial PR, NO AR.**
- 6. No PAH.**
- 7. Normal RV systolic function.**
- 8. No clot/vegetation/pericardial effusion.**
- 9. No coarctation of aorta.**

**Chamber Dimensions-M mode Findings**

LVID (Diastole) 35-56(mm)	- 43.00	LVID (Systole) 24-42(mm)	- 30.00
IVS (Diastole) 8-12(mm)	- 09.00	IVS (Systole) 14-42(mm)	- 13.00
LVPWT (Diastole) 6-11(mm)	- 09.00	EPSS	- 2.00
LVEF (%)	- 60%	LVFS (%)	- 31.00

LV Volume (Diastolic)(mm<sup>3</sup>)  
Meridional Wall Stress in System

LV Volume (Systolic)(mm<sup>3</sup>)  
Cubed LV Volume in Diastole (mm<sup>3</sup>)

Cubed LV+ myocardial volume (mm<sup>3</sup>)

Velocity of circumferential  
Shortening (mm)

Aortic root 22-37(mm)	- 28.00
Left Atrium Length (mm)	- 27.00
Left Atrium Volume (mm <sup>3</sup> )	
RV size	Normal
Normal	
RV volume (mm <sup>3</sup> )	
Normal	
Pericardium	Normal
Effusion	None
Resp Variation	Present
Predicted RV Systolic Pressure	

Left Atrium Width (mm)  
Left Atrium Area (mm<sup>2</sup>)  
RV Function

RA Size

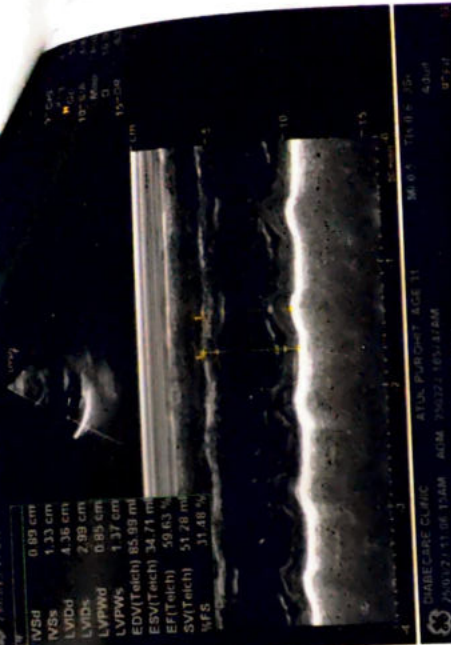
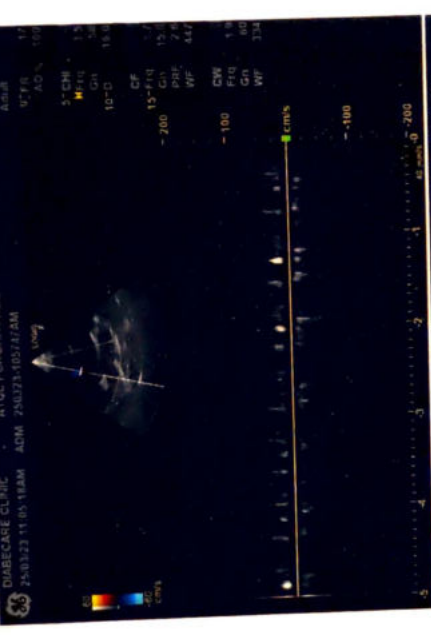
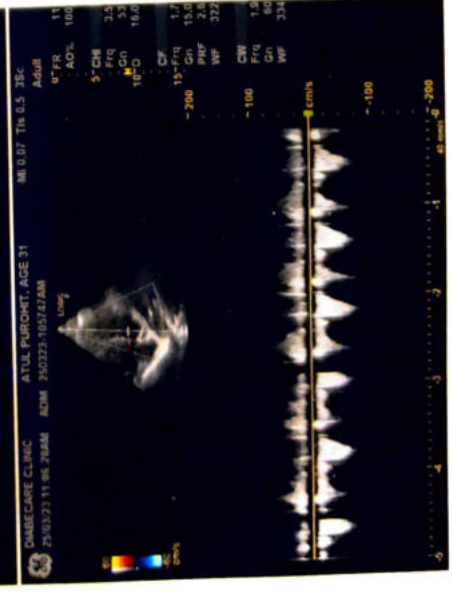
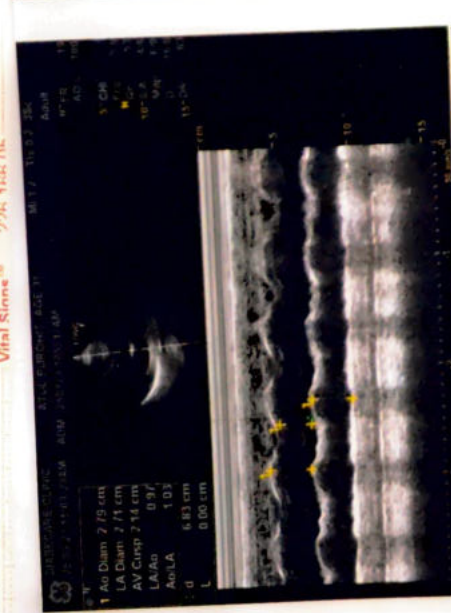
IVC Size (mm) – 14mm Collapsible

**Doppler Findings- I**



**Dr. Mahesh Padsalge**

*Dr. Mahesh V. Padsalge*  
MD. (Medicine)  
Consultant Physician  
Reg. No. 91424 (MMC)





आयकर विभाग  
INCOME TAX DEPARTMENT

भारत सरकार  
GOVT. OF INDIA

ATUL PUROHIT  
SANJAY KUMAR

29/06/1991  
Permanent Account Number  
BMQPP1594M

  
Signature



00022011

  
Dr. Mahesh *[Name]*  
MD. (Medicine)  
Consultant Physician  
Reg. No. 91424 (MMC)

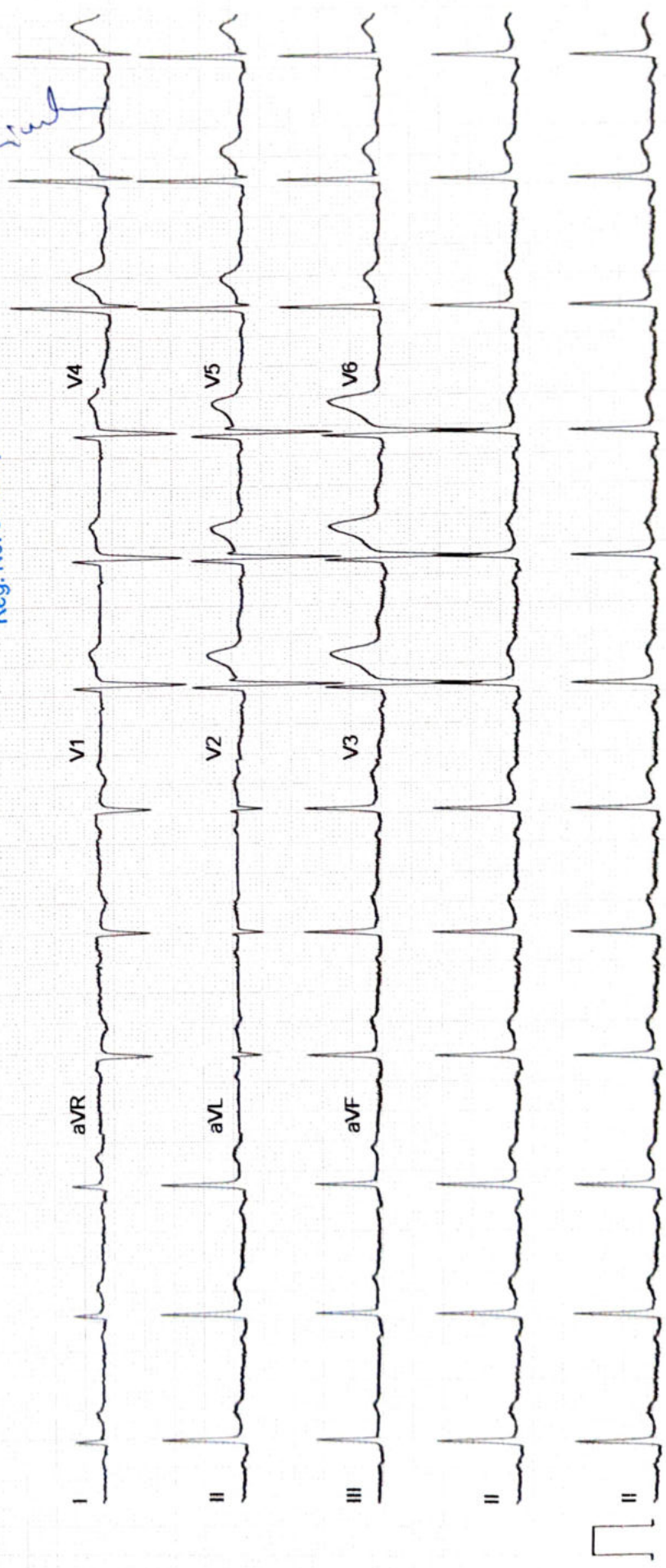
Male

QRS : 74 ms  
QT / QTcBaz : 346 / 375 ms  
PR : 130 ms  
P : 60 ms  
RR / PP : 844 / 845 ms  
P / QRS / T : -27 / 72 / 51 degrees

Normal sinus rhythm  
ST elevation, probably due to early repolarization  
Borderline ECG

*Handwritten:* ECG is within normal limit

*Signature:* Dr. Mahesh V. Padsalge  
MD. (Medicine)  
Consultant Physician  
Reg. No. 91424 (MMC)



**NAME- ATUL PUROHIT****DATE-25/3/2023****AGE- 31/M****X-RAY CHEST PA**

A Nodular Radio density Seen In Right Lower zone.

The Soft Tissues And Bony Thorax Are Normal.

Both The Costophrenic And Cardiophrenic Angles Are Clear.

Cardiac Shape And Size Appears Normal.

Rest of The Lung Field Appears Normal.

Both The Hila Are Normal In Density And Position.

Both The Domes Of Diaphragm And Mediastinum Are Normal.

**Impression: - A Nodular Radio density Seen In Right Lower zone.**



**DR.MRUDULA BABAR**  
**CONSULTANT RADIOLOGIST**

**DR. MRUDULA BABAR**  
(CONSULTANT RADIOLOGIST)  
CPCB, MDAI 2009  
REG. NO. 2005/03/2139



Name : MR ATUL PUROHIT	Age/sex: 31 Yrs. /MALE
Ref by: MEDIWHEEL	Date: 25/03/2023

**ULTRASOUND EXAMINATION OF ABDOMEN & PELVIS**

**Findings-**

The Liver is normal in size, shape and echogenicity. No focal lesion is seen. The Hepatic veins appear normal. There is no IHBR dilatation. The portal vein appears normal.

The gall bladder is contracted. The proximal C.B.D. is normal caliber

Visualized head of Pancreas appears normal in size and reflectivity. The pancreatic duct is not dilated. Rest of the pancreas and retro peritoneum is obscured by bowel gases

The spleen is normal in size (10.2cm), No focal lesion is seen. Splenic vein is normal at hilum.

Both kidneys are normal in position and size. They show normal cortical reflectivity and cortico-medullary differentiation. There is no evidence of renal calculus, hydronephrosis or mass.

Right kidney measures 10.4 x 3.6 cm

Left kidney measures 10.3 X 5.0 cm

The Urinary bladder is well distended. No evidence of any intraluminal mass or calculi.

The visualized Prostate appears normal in size, shape and homogenous echotexture, its measures

There is no free fluid is seen in the pelvis. No probe tenderness in present study.

**IMPRESSION :-**

➤ No significant abnormality is seen in present study.

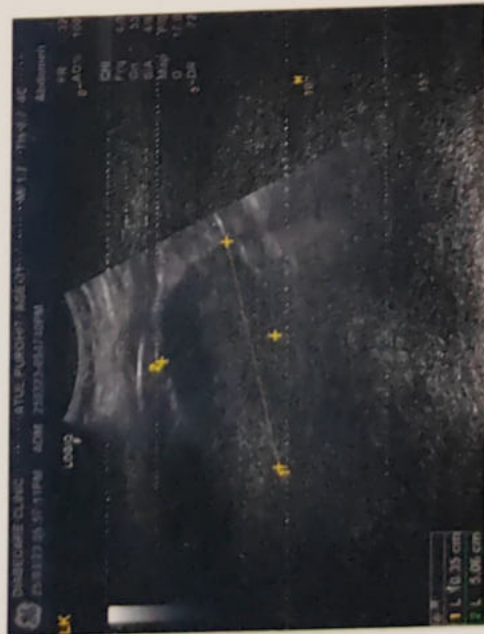
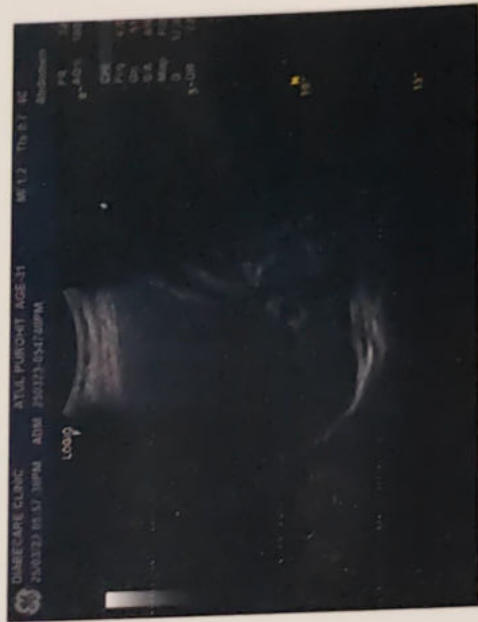
• Adv : clinical correlation.



**Dr. MRUDULA BABAR**  
**CONSULTANT RADIOLOGIST**

**DR. MRUDULA BABAR**  
MBBS, MD, FRCR (RADIOLOGY)  
CFS MCGE AI 2009  
REG. NO. 2005/03/2139





R



**ATUL PUROHIT 31YRS M 3/25/2023 10:01 AM**  
**OLIVE DIAGNOSTIC, SEAWOOD SEC 40**

Patient Name : **MR. PUROHIT ATUL**  
Patient ID : 48258  
Age / Sex : 31 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 78471

Collected : Mar 25, 2023, 11:04 a.m.  
Reported : Mar 25, 2023, 02:45 p.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
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**ULTRASENSITIVE THYROID STIMULATING HORMONE (TSH)**

Sample Type : Serum

<b>Ultrasensitive Thyroid Stimulative Hormone (TSH)</b> [ CLIA ]	3.64	μIU/mL	0.3 - 4.5 1st trimester - 0.1 - 2.5μIU/mL 2nd trimester - 0.2 - 3μIU/mL 3rd trimester - 0.3 - 3μIU/mL
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**Clinical Significance :-**

1. Serum TSH concentrations exhibit a diurnal variation with the peak occurring during the night.
2. Useful for: Screening for thyroid dysfunction and detecting mild (subclinical), as well as overt, primary hypo- or hyperthyroidism in ambulatory patients.
3. Monitoring patients on thyroid replacement therapy.
4. Confirmation of thyroid-stimulating hormone (TSH) suppression in thyroid cancer patients on thyroxine suppression therapy.
5. Prediction of thyrotropin-releasing hormone-stimulated TSH response.

**\*\*END OF REPORT\*\***



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461



Patient Name : **MR. PUROHIT ATUL**  
Patient ID : 48258  
Age / Sex : 31 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 78471

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Sample ID :



Test Description	Results	Units	Biological Reference Range
<b><u>FASTING BLOOD SUGAR</u></b>			
Sample Type : Flouride R			
Fasting Blood Sugar [ GOD - POD ]	95.2	mg/dl	Normal : 70 - 99 mg/dl impaired Tolerance : 100 - 125mg/dl Diabetes Mellitus : >126 mg/dl
Technique :-	Fully Automated Biochemistry Analyser ERBA EM-200		

\*\*\*END OF REPORT\*\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. PUROHIT ATUL**  
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**POST PRANDIAL BLOOD SUGAR**

Sample Type : Flouride PP

Post Prandial Blood Sugar [ GOD - POD ]	119.4	mg/dl	110-180
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Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

**\*\*END OF REPORT\*\***



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. PUROHIT ATUL**  
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**BLOOD GROUP**

Sample Type : EDTA / Whole Blood

ABO Grouping

"B"

Rh Grouping

POSITIVE

**Note:**

These report is for information purpose only. Blood group needs to be reconfirmed at the time of cross matching for blood transfusion.

**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461



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**LIPID PROFILE**

Sample Type : Serum

TOTAL CHOLESTEROL

[ CHOD-PAP ]

**218.9**

mg/dL

Desirable : &lt;200 mg/dl

Borderline : 200 - 239mg/dl

High : &gt;240 mg/dl

TRIGLYCERIDES

[ Glycerol Phosphate Oxidase ]

**270.7**

mg/dL

Desirable : &lt;150 mg/dl

Borderline : 150 - 199mg/dl

High : &gt;200mg/dl

HDL CHOLESTEROL [ Direct ]

40.5

mg/dL

Desirable : &gt;40 mg/dl

Borderline Risk : 35 mg/dl

High Risk : &lt;30 mg/dl

LDL CHOLESTEROL [ Calculated ]

**124.26**

mg/dL

Desirable : &lt;100 mg/dl

Borderline : 130 - 160mg/dl

High : &gt;160mg/dl

VLDL Cholesterol

[ Calculated ]

**54.14**

mg/dL

Desirable : &lt;26 mg/dl

Borderline : &gt;30 mg/dl

Total Chol / HDL Chol Ratio

[ Calculated ]

**5.40**

mg/dL

Desirable : &lt;5 %

LDL / HDL Ratio

[ Calculated ]

3.07

1.00 - 3.55

NON-HDL CHOLESTEROL

[ Calculated ]

**178.40**

mg/dL

Desirable : &lt;130 mg/dl

Borderline : 160 - 189 mg/dl

High : &gt;220 mg/dl

**Technique:**

Fully Automated Biochemistry Analyser ERBA EM-200.

**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. PUROHIT ATUL**  
Patient ID : 48258  
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Test Description	Results	Units	Biological Reference Range
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**URINE ANALYSE REPORT**

Sample Type : Urine

**PHYSICAL EXAMINATION**

COLOUR	Pale Yellow		
APPEARANCE	Clear		
REACTION (PH)	6.0		4.8 - 7.6
SPECIFIC GRAVITY	1.020		1.010 - 1.030
ALBUMIN	Absent		
GLUCOSE	Absent		
BLOOD (U)	Absent		
BILE PIGMENTS	Negative		
BILE SALTS	Absent		
KETONE	Negative		
LEUKOCYTES	Absent		
NITRITE	Absent		
UROBILINOGEN	Negative		

**MICROSCOPY**

PUS CELLS/hpf	1-2		
RBCs/hpf	Absent		
EPI.CELLS/hpf	1-2		
CASTS	Absent		
CRYSTALS	Absent		
BACTERIA	Absent		
Other	Absent		

**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

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Age / Sex : 31 years / Male  
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Sample ID :



Test Description	Results	Units	Biological Reference Range
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**LIVER FUNCTION TEST**

Sample Type : Serum

TOTAL BILIRUBIN [ DIAZO ]	0.67	mg/dl	0.3-1.3 mg/dl
BILIRUBIN-DIRECT [ DIAZO ]	0.23	mg/dl	0.1-0.4 mg/dl
BILLIRUBIN-INDIRECT [ CALCULATED ]	0.44	mg/dl	0.1-0.9 mg/dl
S.G.O.T. (AST) [ IFCC without Pyridoxal Phosphate ]	24.5	IU/L	5-40 IU/L
S.G.P.T.(ALT) [ IFCC without Pyridoxal Phosphate ]	35.7	IU/L	5-40 IU/L
ALKALINE PHOSPHATASE [ Amino Methyl Propanol (AMP) ]	72	IU/L	44-147 IU/L
TOTAL PROTEINS [ BIURET ]	6.08	IU/L	6.0 - 8.5g/dL
ALBUMIN [ BROMO CRESOL GREEN (BCG) ]	3.93	g/dl	3.5-5.0 g/dl
GLOBULIN [ CALCULATED ]	2.15	gm%	2.3-3.5 gm%
ALBUMIN/GLOBULIN RATIO [ CALCULATED ]	1.83		
GAMMA GT	12.20	U/L	0 - 45

Technique : Fully Automated Biochemistry Analyser ERBA EM-200

**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461



Patient Name : **MR. PUROHIT ATUL**  
Patient ID : 48258  
Age / Sex : 31 years / Male  
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Sample ID :



Test Description	Results	Units	Biological Reference Range
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**SR. URIC ACID**

Sample Type : Serum

<b>Uric Acid</b> [ Uricase - POD ]	5.9	mg/dl	3.6 - 7.7
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Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200.

**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

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Test Description	Results	Units	Biological Reference Range
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**CREATININE**

Sample Type : Serum

<b>Creatinine</b>	0.93	mg/dl	0.40 - 1.40
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[ Enzymatic ]

Formula

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. PUROHIT ATUL**

Patient ID : 48258

Age / Sex : 31 years / Male

Referred by : MEDIWHEEL

Bill ID : 78471

Collected : Mar 25, 2023, 11:04 a.m.

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Sample ID :



218862

Test Description	Results	Units	Biological Reference Range
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**BLOOD UREA LEVEL ( BUL )**

Sample Type : Serum

<b>Urea</b>	21.1	mg/dl	10 - 40
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[ Urease - GLDH ]

<b>Bun</b>	9.85	mg/dl	6 - 21
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[ Calculated ]

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

\*\*END OF REPORT\*\*

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461



Patient Name : **MR. PUROHIT ATUL**  
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Test Description	Results	Units	Biological Reference Range
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**COMPLETE BLOOD COUNT**

Sample Type : EDTA / Whole Blood

Hemoglobin	14.6	g/dl	13.0 - 17.0
RBC COUNT	4.69	Millions/c	4.5 - 5.5
PCV(Hematocrit)	43.8	%	40.0 - 50.0
Mean Cell Volume(MCV)	93.3	fl	80.0 - 100.0
Mean Cell Hemoglobin(MCH)	31.1	pg	27.0 - 33.0
Mean Cell Hb Conc(MCHC)	33.3	g/dl	32 - 36
RDW	12.8	%	11.50 - 14.50
Total Leucocytes (WBC) Count	5190	/cumm	4000-11000

**DIFFERENTIAL COUNT**

Neutrophils	48.4	%	40 - 70
Lymphocytes	39.7	%	20 - 50
Eosionphils	2.0	%	01 - 06
Monocytes	<b>9.4</b>	%	00 - 08
Basophils	0.5	%	00-01

**SMEAR STUDY**

RBC Morphology	Normocytic Normocromic.		
WBC Morphology	<b>Monocytosis</b>		
Platelets On Smear	Adequate on Smear		
Platelet Count	162000	/cumm	150000 - 450000
MPV	<b>12.1</b>	fL	6.5 - 10.0

**Comments :-****Method:-**

HB:-Colorimetric, Total WBC:-Impedance/Flow Cytometry, HCT, MCV, MCH, MCHC, RDW-CV:-Calculate, Diff. Count: Flow Cytometry / Manual Stained Smear Microscopy, RBC: Impedance, Platelets : Impedance Method.

**Technique :-**

Fully Automated 5 part Diff. Cell Counter .

All Test Results are subjected to stringent international External and Internal Quality Control Protocols

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. PUROHIT ATUL**

Patient ID : 48258

Age / Sex : 31 years / Male

Referred by : MEDIWHEEL

Bill ID : 78471

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Sample ID :



218862

Test Description	Results	Units	Biological Reference Range
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**ESR**

Sample Type : EDTA / Whole Blood

ESR 10 Mm/hr 0 - 15

Method Westergren

**\*\*END OF REPORT\*\*****Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. PUROHIT ATUL**

Patient ID : 48258

Age / Sex : 31 years / Male

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218862

Test Description	Results	Units	Biological Reference Range
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**TOTAL THYROXINE ( T4 )**

Sample Type : Serum

Total Thyroxine ( T4 ) [ CLIA ]	64.36	ng/ml	52 - 127
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**\*\*END OF REPORT\*\*****Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. PUROHIT ATUL**  
Patient ID : 48258  
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Test Description	Results	Units	Biological Reference Range
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**TOTAL TRIIODOTHYRONINE (T3)**

Sample Type : Serum

TotalTriiodothyronine (T3) [ CLIA ]	2.00	ng/dL	0.69 - 2.15
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**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461



Patient Name : **MR. PUROHIT ATUL**  
Patient ID : 48258  
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Sample ID :



Test Description	Results	Units	Biological Reference Range
<b><u>GLYCOCYLATED HAEMOGLOBIN</u></b>			
Sample Type : EDTA / Whole Blood			
Glycocyalted Haemoglobin (HbA1c) [ Tosoh HPLC ]	5.4	%	<5.7%NON DIABETIC 5.7-6.4% PRE-DIABETIC >6.5% DIABETIC <7.0% GOAL FOR DIABETIC ON TREATMENT
MEAN BLOOD GLUCOSE	<b>108.28</b>	mg/dL	116.89 - 154.2

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461