

NAME - Mr.Raj Kumar AGE 45/ M DATE - 8.06.2024

ADDRESS - Apollo

**ON EXAMINATION:**

Height - 163/ cm      Weight 71kg      Pulse 67 mint.

BP - 147/110 mmHg

**SYSTEMS**

- a) Respiratory - Normal vesicular breath sounds  
- No adventitious sound
- b) Cardio Vascular - S1 S2 normal, No murmur
- c) Central Nervous - Normal
- d) Abdomen - Soft  
Liver/Spleen - Not palpable
- e) Locomotor - Normal

ECG : Normal.

X-RAY : Both hila appear prominent.

HAEMOGLOBIN  
CHOLESTEROL  
HBA1C

14.8\*  
212.0\*  
5.7\*

REMARKS : Medically FIT/UNFIT

  
GENERAL PRACTICIAN

Raj Kumar

H M

45 yr. 8.6.24

VF 6/6

6/6

NV 18-18  
N-18

NV 29 25 N-6  
N-6

Colour VF - WNL  
WNL



08/06/24

Raj Kumar | 45yrs | Male

- Pt. came for regular annual health check-up.

cls :- NO fee compliance.

Past history :- Kolo Coeliac Disease x 10yrs

Personal history :- Veg Diet

ECCENTRIC :- (2) Sleep,

Family history :- Not significant.

Allergic history :- Allergic to wheat.

o/e :- Pt. is conscious & oriented.

pla :- Soft & non-tender.

Resp :- BIL equal air entry.

CNS :- (2) P. & S.

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A-520, Sushant Lok-I, Gurugram- 122 002

Ph.: 0124-4 666 555 Mobile : 88600 77501

Emergency Ph No.: 0124 4100000

CNS :- NAD.

Dr. Raj





ID: 86

Male *Rajkumar*  
48 Years  
Req. No.

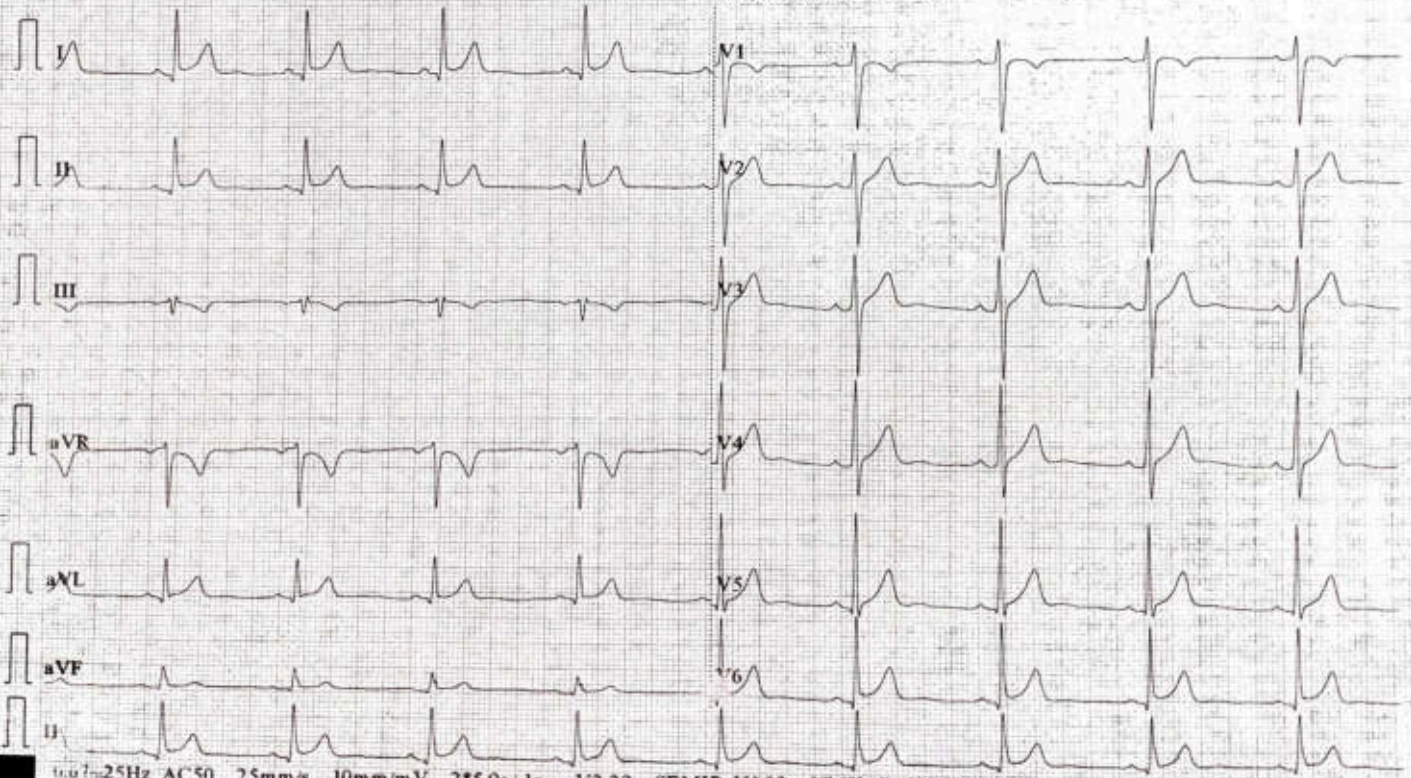
08-06-2024 09:53:41 AM

HR : 57 bpm  
P : 91 ms  
PR : 144 ms  
QRS : 107 ms  
QT/QTcBz : 380/372 ms  
P/QRS/T : -5/26/16 °  
RV5/SVI : 1.771/1.345 mV

Diagnosis Information:

Sinus Bradycardia  
Slight ST Elevation(V4,V5,V6)

Report Confirmed by:



Name	: Mr. RAJ KUMAR	MR No	: UH038152
Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
Lab ID No	: LAB066736	Sample Received on	:
		Report Released on	: 08-06-2024 13:15

### Laboratory Report

Test Description

Hematology

	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: EDTA			
<b>CBC WITH ESR</b>			
HAEMOGLOBIN	14.8	gm/dL	13 - 18
TOTAL LEUCOCYTE COUNT	4,900	cell/cum	4000 - 11000
D.L.C = POLYMORPHS	46	%	40 - 75
LYMPHOCYTES	44	%	20 - 45
EOSINOPHILS	06	%	01 - 06
MONOCYTES	04	%	0 - 08
BASOPHILS	00	%	0 - 01
E.S.R (WINTROBE)	09	mm/1st	0 - 9
RED BLOOD CELLS	5.4	Millions	3.5 - 5.5
PLATELET COUNT	1.4 *	lakh/cum	1.5 - 4.5
P.C.V	44.7	%	35 - 50
M.C.V	82.8	fl	80 - 96
M.C.H	27.6	pg	27 - 32
M.C.H.C	33.3	%	32 - 36

\*\*\*End of the report\*\*\*



Checked By  
Lab Technician

Verified By



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DR. PRIYAVART MEHARWAL  
MBBS, MD  
Pathologist





Name	: Mr. RAJ KUMAR	MR No	: UH038152
Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
Lab ID No	: LAB066736	Sample Received on	:
		Report Released on	: 08-06-2024 12:39

## Laboratory Report

### Hematology

#### PERIPHERAL BLOOD SMEAR

SMEAR SHOWS NORMOCYTIC NORMOCHROMIC PICTURE OF RBC'S WITH MILD ANISOPOIKILOCYTOSIS.  
WBC'S SERIES SHOWS NORMAL IN COUNT AND MORPHOLOGY.  
PLATELETS ARE ADEQUATE.  
NO HEMOPARASITES SEEN.

\*\*\*End of the report\*\*\*



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Pathologist

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Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
Lab ID No	: LAB066736	Sample Received on	:
		Report Released on	: 08-06-2024 13:16

## Laboratory Report

### Biochemistry

#### Test Description

	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Serum			
<b>KFT</b>			
BLOOD UREA	43.0	mg/dl	10 - 50
SERUM CREATININE	1.0	mg/dl	0.6 - 1.2
SERUM URIC ACID	6.7	mg/dl	3.5 - 7.0
SERUM SODIUM	144.0	mEq/l	135 - 155
SERUM POTASSIUM	4.6	mEq/l	3.5 - 5.5
SERUM CALCIUM	9.2	mg/dl	8.6 - 10.6
Sample Type: Serum			
<b>LFT 1513</b>			
S.G.O.T	24.0	U/L	upto - 40
S.G.P.T	25.8	U/L	upto - 45
S. BILIRUBIN (TOTAL)	0.63	mg/dl	0.1 - 1.2
S. BILIRUBIN (DIRECT)	0.23	mg/dl	upto - 0.30
ALKALINE PHOSPHATASE	68.0	U/L	60 - 170
TOTAL PROTEINS	6.8	g/dl	6.5 - 8.0
ALBUMIN	4.2	g/dl	3.5 - 5.5
GLOBUMIN	2.6	g/dl	2.3 - 3.5
A:G RATIO	1.6:1		1.5 - 2.5

\*\*\*End of the report\*\*\*



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Lab Technician

Verified By



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Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
Lab ID No	: LAB066736	Sample Received on	:
		Report Released on	: 08-06-2024 13:18

### Laboratory Report

#### Biochemistry

#### Test Description

	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Serum			
<b>SERUM LIPID PROFILE 1514</b>			
CHOLESTEROL	212.0 *	mg/dl	150 - 200
SERUM TRIGLYCERIDES	103.8	mg/dl	70 - 170
HDL CHOLESTEROL	52.0	mg/dl	30 - 88
LDL CHOLESTEROL	140.7	mg/dl	upto - 150
VLDL CHOLESTEROL	20.7	mg/dl	20 - 45
TOTAL CHOLESTEROL/HDL	4.0	ref.cut	upto - 4.96
LDL/HDL RATIO	2.7	ref.cut.	upto - 4.96
Sample Type: Serum			
<b>G.G.T.P. 1533</b>			
G.G.T.P.	18.0	U/ML	upto - 47
Sample Type: Serum			
<b>BLOOD SUGAR - FASTING</b>			
BLOOD SUGAR FASTING	98.3	mg/dl	70 - 110
Sample Type: Serum			
<b>BLOOD SUGAR - PP 1465</b>			
BLOOD SUGAR PP 1465	123.0	mg/dl	70 - 140

\*\*\*End of the report\*\*\*

*Pallavi*

Checked By  
Lab Technician

Verified By





Name	: Mr. RAJ KUMAR	MR No	: UH038152
Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
Lab ID No	: LAB066736	Sample Received on	:
		Report Released on	: 08-06-2024 15:21

### Laboratory Report

#### Biochemistry

<u>Test Description</u>	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Urine <b>URINE SUGAR FASTING</b>	NIL		
Sample Type: Urine <b>URINE SUGAR PP</b> Urine Sugar PP	NIL		

#### Hematology

<u>Test Description</u>	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Whole Blood <b>BLOOD GROUP (ABO &amp; RH TYPING)</b>	"B" POSITIVE		

#### CLINICAL PATHOLOGY

<u>Test Description</u>	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Urine <b>URINE ROUTINE &amp; MICROSCOPIC 1383</b>			
COLOUR	P. YELLOW		
APPEARANCE	CLEAR		
SPEC.GRAVITY	1.020		
REACTION	6.0		
ALBUMINE	NIL		

*[Signature]*

Checked By  
Lab Technician

Verified By

*[Signature]*

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MBBS, MD  
Pathologist





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Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
Lab ID No	: LAB066736	Sample Received on	:
		Report Released on	: 08-06-2024 15:21

SUGAR	NIL		
KETONE BODIES	NIL		
BLOOD	NIL		
LEUKOCYTES	NIL		
NITRITE	NIL		
UROBILINOGEN	NIL		
MICROSCOPIC EXAM			
PUS CELLS	.		
RBC CELLS	2-3	/HPF	0 - 05
EP CELLS	NIL	/HPF	0 - 02
CASTS	1-2	/HPF	0 - 05
CRYSTALS	NIL		
BACTERIA	NIL		
OTHER	NIL		

\*\*\*End of the report\*\*\*

*Pallavi*

Checked By  
Lab Technician

Verified By

*DR. PRIYAVART MEHARWAL*

DR. PRIYAVART MEHARWAL  
MBBS, MD  
Pathologist

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Name : Mr. RAJ KUMAR	MR No : UH038152
Age/Gender : 45 Y/M	Visit ID : OP049975
Admitting Doctor :	Sample Collected on : 08-06-2024 09:40
Lab ID No : LAB066736	Sample Received on :
	Report Released on : 08-06-2024 13:23

## Laboratory Report

### Biochemistry

#### T3, T4, TSH

Tests	Results	Biological Reference Range	Units
Triiodothyronine, Total (T3) (Serum,CMIA)	2.32	1.30 - 3.10	nmol/L
Thyroxine, Total (T4) (Serum,CMIA)	105.9	59 - 154	nmol/L
TSH Ultra Sensitive (Serum,CMIA)	1.96	0.27 - 4.8	IU/mL

#### Comment

**T3 or 3,5,3-triiodothyronine** is a hormone synthesized and secreted from the thyroid gland, and formed by peripheral deiodination of thyroxine (T4). The determination of it in serum is essential in assessing thyroid functions. T3 is secreted by thyroid glands and circulates in the blood stream; mostly bound to the plasma protein, thyroxin binding globulin (TBG) and prealbumin and albumin.

**T4 or Thyroxine or 3,5,3,5-tetraiodothyronine** is a hormone synthesized and secreted by the thyroid gland and plays an important role in regulating metabolism. In the peripheral tissues it act as a prohormone which is further metabolized to another most active thyroid hormone, tri-iodothyronine (T3) and other inactive metabolites such as reverse T3.

**TSH or Thyroid-stimulating hormone** is a hormone synthesized and secreted by Pituitary gland. TSH is glycoprotein with two non-covalently bound alpha and beta subunits. The beta subunit of TSH is unique, which results in the specific biochemical and immunological properties of this hormone. The ability to quantitate circulating levels of TSH is important in evaluating thyroid function. It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism.

\*\*\*End of the report\*\*\*

*Pallan*

Checked By  
Lab Technician

Verified By

*DR. PRIYAVART MEHARWAL*

DR. PRIYAVART MEHARWAL  
MBBS, MD  
Pathologist

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Name	: Mr. RAJ KUMAR	MR No	: UH038152
Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
Lab ID No	: LAB066736	Sample Received on	:
		Report Released on	: 08-06-2024 13:26

## Laboratory Report

### Biochemistry

HBA1C 1510

Test Name	Value	Unit	Bio Ref.Interval
HbA1c (Glycated Haemoglobin)	5.7	%	4.0 - 6.2

#### REMARKS-

In vitro quantitative determination of HbA1c in whole blood is utilized in long term monitoring of glycemia. The HbA1c level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose. It is recommended that the determination of HbA1c be performed at intervals of 4-6 weeks during Diabetes Mellitus therapy. Results of HbA1c should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

The American Diabetes Association(ADA) recommendations are summarized as below:

Ref Range for HBA1c ( In % ):

Non diabetic Adults ( Age  $\geq$ 18 years ) < 5.7

At risk (Pre-Diabetic) : 5.7- 6.4

Diagnosing Diabetes:  $\geq$  6.5

HbA1c goals in treatment of diabetes:

Ages 0-6 years: 7.6% - 8.4%

Ages 6-12 years: <8%

Ages 13-19 years: <7.5%

Adults: <7%

\*\*\*End of the report\*\*\*



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Lab Technician

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DR. PRIYAVART MEHARWAL  
MBBS, MD  
Pathologist



Name	: Mr. RAJ KUMAR	MR No	: UH038152
Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Order Date	: 08-06-2024 09:36
		Report Date	: 08-06-2024 12:40

## Radiology Report

### X-Ray

#### CHEST X-RAY PA VIEW

#### Finding -

Both lung fields appear normal.

Trachea appears in the midline.

**Both hila appear prominent.**

Cardiac size appears normal.

Both CP angle and cardiophrenic angle appears normal.

Diaphragm appears normal on both sides.

Visualized rib cage appears normal.

*Please correlate clinically*

**DR ARUSHI BHARTIYA**  
**CONSULTANT RADIOLOGIST**

Technician

Verified By

UMKAL Hospital Pvt. Ltd

A-520, Sushant Lok-I, Gurugram- 122 002

Ph.: 0124-4 666 555 Mobile : 88600 77501

Emergency Ph No.: 0124 4100000



**TRANSTHORACIC ECHOCARDIOGRAPHY**

**Name: Mr.Raj Kumar**

**Age / Sex: 45Y/M**

**Referred by:Medical**

**Reason: To evaluate cardiac status**

**MR No: UH038152**

**LAB No. : OP049975**

**Date: 08/06/2024,Time:01:10pm**

**Echocardiography done on Digital Mylab X7 with AI Technology.**

	VALUES	NORMAL RANGE		VALUES	NORMAL RANGE
AORTA	30	17-40mm	IVS (ed)	10.6	06-11mm
			(es)	11.7	
LT. ATRIUM	34	17-40mm	PW (ed)	9.8	06-11mm
			(es)	10.6	
RT. VENTRICLE	28	15-30mm	EF	50%	50-80%
LT.VENTRICLE (ed)	52	35-55mm	FS		28-42%
(es)	41				

**MORPHOLOGICAL DATA:-**

MITRAL VALVE:- Normal

AORTIC VALVE:- Normal

TRICUSPID VALVE:-Normal

PUL.VALVE:-Normal

RT.VENTRICLE:-Normal

LT. VENTRICLE:- Normal

VENT.SEPTUM:- Normal

PUL.ARTERY. Normal

AORTA:-Normal

RT.ATRIUM:-Normal

LT.ATRIUM:- Normal



MR. RAJ KUMAR 45YRS/M/MED/OP049975

**2D ECHOCARDIOGRAPHY AND COLOR DOPPLER FINDINGS:-**

Normal LV size and function with estimated LVEF of 50%. No Regional Wall Motion Abnormality. Right Atrium & Left Atrium is normal. Right Ventricle is normal. Mild Tricuspid Regurgitation with calculated RVSP of 25mmHg+RAP. No Mitral Regurgitation, No Aortic Regurgitation. No LA/LV clot or pericardial effusion.

**COLOR FLOW MAPPING: -**

No Mitral Regurgitation.  
No Aortic Regurgitation.  
Mild Tricuspid Regurgitation with calculated RVSP of 25mmHg+RAP.

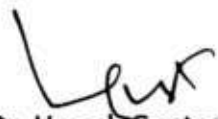
**DOPPLER STUDIES: -**

MV E: 0.75m/sec, A: 0.67m/sec.  
AV: 1.10m/sec.  
TV: Normal  
PV: Normal.

**IMPRESSION: -**

Heart Rate 60 bpm .

1. Normal LV size and function with estimated LVEF of 50%.
2. No Regional Wall Motion Abnormality.
3. RA, LA, RV are normal.
4. Mild Tricuspid Regurgitation with calculated RVSP of 25mmHg+RAP.
5. No Mitral Regurgitation.
6. No Aortic regurgitation.
7. No LA/LV clot or pericardial effusion.

  
**Dr. Umesh Gupta**  
MD, DM (Cardiology)  
MACCP, FICA (USA)  
Chief Cardiologist





Name	: Mr. RAJ KUMAR	MR No	: UH038152
Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Order Date	: 08-06-2024 09:36
		Report Date	: 08-06-2024 12:55

## Radiology Report

### Ultrasound

#### ULTRASOUND WHOLE ABDOMEN

##### Gaseous Abdomen

- Liver :** Liver is normal in size measuring 132 mm with **fatty liver Grade I**.  
No focal lesion seen.No intrahepatic biliary radicle dilatation seen.
- Gall Bladder:** **The Gall Bladder is partially contracted.**  
Gall Bladder wall thickness normal. CBD and Portal vein are normal.
- Pancreas :-** The pancreas is normal in size , shape and echotexture.  
No Peripancreatic collection seen.
- Kidneys :** **Right kidney:-** is normal in size ,shape & position.  
Echotexture of sinus & cortex normal. No calyceal dilatation seen.  
No calculus/mass lesion seen.Corticomedullary differentiation maintained.  
**Left kidney:-** is normal in size ,shape & position.  
Echotexture of sinus & cortex normal. No calyceal dilatation seen.  
No calculus/mass lesion seen.Corticomedullary differentiation maintained
- Spleen :** The Spleen is normal in size ,shape and echotexture.
- U Bladder :** Urinary bladder is partially filled.
- PROSTATE :** Is normal in size and echotexture.**Foci of calcification is noted.**  
No free fluid seen. No collection seen.

**IMPRESSION : Fatty liver Grade I.**

**Please correlate clinically.**

**DR ARUSHI BHARTIYA**  
CONSULTANT RADIOLOGIST

Technician

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08/06/24

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- Pt. came for regular annual health check-up.

cls :- NO fee compliance.

Past history :- Kolo Coeliac Disease x 10yrs

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ECCENTRIC :- (2) Sleep,

Family history :- Not significant.

Allergic history :- Allergic to wheat.

o/e :- Pt. is conscious & oriented.

pla :- Soft & non-tender.

Resp :- Bil equal air entry.

CNS :- (2) P. & S.

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CNS :- NAD.

Dryal



NAME - Mr.Raj Kumar AGE 45 / M DATE - 8.06.2024

ADDRESS - Apollo

**ON EXAMINATION;**

Height - 163/ cm      Weight 71kg      Pulse 67 mint

BP - 147/110 mmHg

**SYSTEMS**

- a) Respiratory      - Normal vesicular breath sounds  
                             - No adventitious sound
- b) Cardio Vascular      - S1 S2 normal, No murmur
- c) Central Nervous      - Normal
- d) Abdomen      - Soft  
                             Liver/Spleen - Not palpable
- e) Locomotor      - Normal

ECG : Normal.

X-RAY : Both hila appear prominent.

HAEMOGLOBIN  
CHOLESTEROL  
HBA1C

14.8\*  
212.0\*  
5.7\*

REMARKS : Medically FIT/UNFIT

  
GENERAL PHYSICIAN



Raj Kumar

H M

45 yr. 8.6.24

VF 6/6

6/6

NV 18-18  
N-18

NV 29 25 N-6  
N-6

Colour VF - WNL  
WNL



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Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
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### Hematology

#### PERIPHERAL BLOOD SMEAR

SMEAR SHOWS NORMOCYTIC NORMOCHROMIC PICTURE OF RBC'S WITH MILD ANISOPOIKILOCYTOSIS.  
WBC'S SERIES SHOWS NORMAL IN COUNT AND MORPHOLOGY.  
PLATELETS ARE ADEQUATE.  
NO HEMOPARASITES SEEN.

\*\*\*End of the report\*\*\*



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Test Description

Hematology

	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: EDTA			
<b>CBC WITH ESR</b>			
HAEMOGLOBIN	14.8	gm/dL	13 - 18
TOTAL LEUCOCYTE COUNT	4,900	cell/cum	4000 - 11000
D.L.C = POLYMORPHS	46	%	40 - 75
LYMPHOCYTES	44	%	20 - 45
EOSINOPHILS	06	%	01 - 06
MONOCYTES	04	%	0 - 08
BASOPHILS	00	%	0 - 01
E.S.R (WINTROBE)	09	mm/1st	0 - 9
RED BLOOD CELLS	5.4	Millions	3.5 - 5.5
PLATELET COUNT	1.4 *	lakh/cum	1.5 - 4.5
P.C.V	44.7	%	35 - 50
M.C.V	82.8	fl	80 - 96
M.C.H	27.6	pg	27 - 32
M.C.H.C	33.3	%	32 - 36

\*\*\*End of the report\*\*\*



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MBBS, MD  
Pathologist





ID: 86

Male *Rajkumar*  
48 Years  
Req. No.

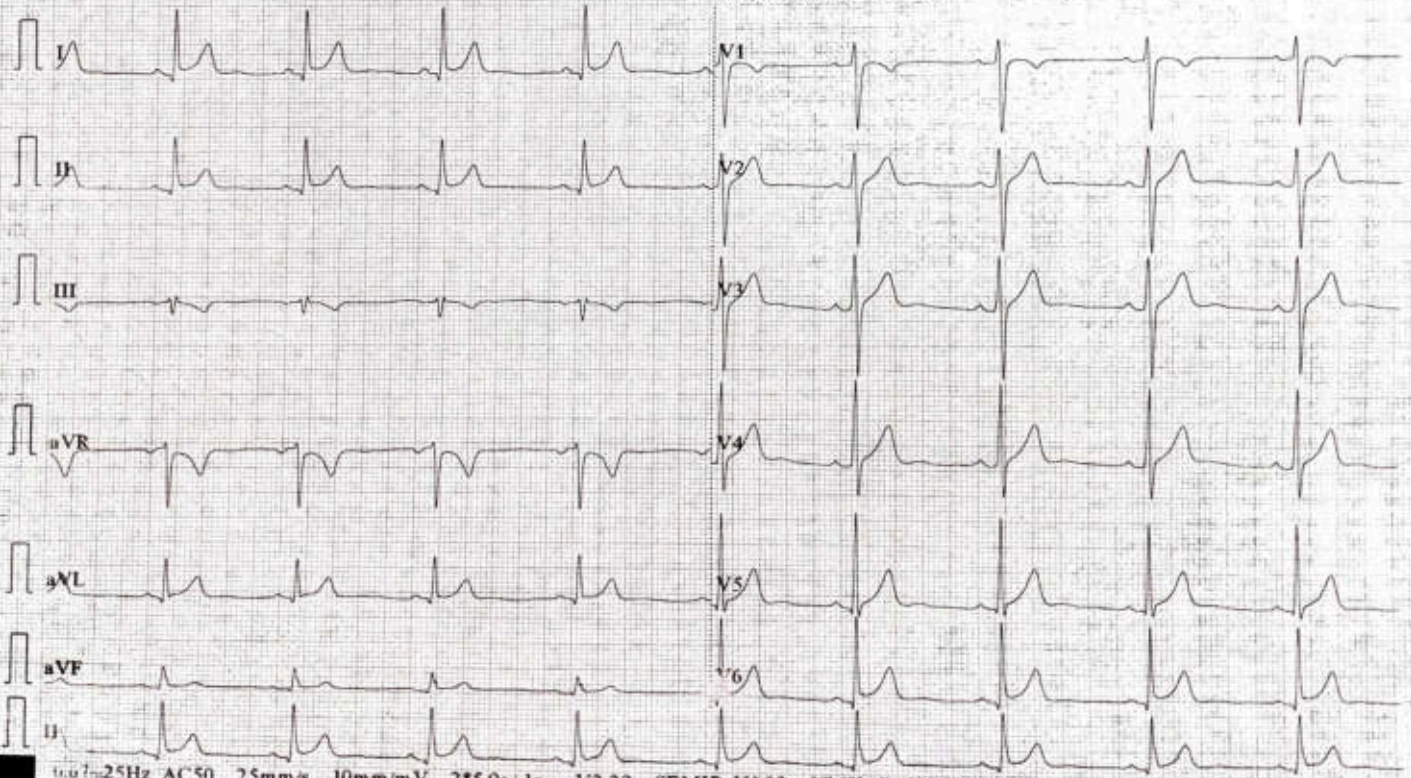
08-06-2024 09:53:41 AM

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P/QRS/T : -5/26/16 °  
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Diagnosis Information:

Sinus Bradycardia  
Slight ST Elevation(V4,V5,V6)

Report Confirmed by:



Name	: Mr. RAJ KUMAR	MR No	: UH038152
Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
Lab ID No	: LAB066736	Sample Received on	:
		Report Released on	: 08-06-2024 13:18

### Laboratory Report

#### Biochemistry

#### Test Description

	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Serum			
<b>SERUM LIPID PROFILE 1514</b>			
CHOLESTEROL	212.0 *	mg/dl	150 - 200
SERUM TRIGLYCERIDES	103.8	mg/dl	70 - 170
HDL CHOLESTEROL	52.0	mg/dl	30 - 88
LDL CHOLESTEROL	140.7	mg/dl	upto - 150
VLDL CHOLESTEROL	20.7	mg/dl	20 - 45
TOTAL CHOLESTEROL/HDL	4.0	ref.cut	upto - 4.96
LDL/HDL RATIO	2.7	ref.cut.	upto - 4.96
Sample Type: Serum			
<b>G.G.T.P. 1533</b>			
G.G.T.P.	18.0	U/ML	upto - 47
Sample Type: Serum			
<b>BLOOD SUGAR - FASTING</b>			
BLOOD SUGAR FASTING	98.3	mg/dl	70 - 110
Sample Type: Serum			
<b>BLOOD SUGAR - PP 1465</b>			
BLOOD SUGAR PP 1465	123.0	mg/dl	70 - 140

\*\*\*End of the report\*\*\*

*Pallavi*

Checked By  
Lab Technician

Verified By





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Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
Lab ID No	: LAB066736	Sample Received on	:
		Report Released on	: 08-06-2024 13:16

## Laboratory Report

### Biochemistry

#### Test Description

	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Serum			
<b>KFT</b>			
BLOOD UREA	43.0	mg/dl	10 - 50
SERUM CREATININE	1.0	mg/dl	0.6 - 1.2
SERUM URIC ACID	6.7	mg/dl	3.5 - 7.0
SERUM SODIUM	144.0	mEq/l	135 - 155
SERUM POTASSIUM	4.6	mEq/l	3.5 - 5.5
SERUM CALCIUM	9.2	mg/dl	8.6 - 10.6
Sample Type: Serum			
<b>LFT 1513</b>			
S.G.O.T	24.0	U/L	upto - 40
S.G.P.T	25.8	U/L	upto - 45
S. BILIRUBIN (TOTAL)	0.63	mg/dl	0.1 - 1.2
S. BILIRUBIN (DIRECT)	0.23	mg/dl	upto - 0.30
ALKALINE PHOSPHATASE	68.0	U/L	60 - 170
TOTAL PROTEINS	6.8	g/dl	6.5 - 8.0
ALBUMIN	4.2	g/dl	3.5 - 5.5
GLOBUMIN	2.6	g/dl	2.3 - 3.5
A:G RATIO	1.6:1		1.5 - 2.5

\*\*\*End of the report\*\*\*



Checked By  
Lab Technician

Verified By



UMKAL Hospital Pvt. Ltd

A-520, Sushant Lok-I, Gurugram- 122 002  
Ph.: 0124-4 666 555 Mobile : 88600 77501  
Emergency Ph No.: 0124 4100000

DR. PRIYAVART MEHARWA  
MBBS, MD  
Pathologist







Name	: Mr. RAJ KUMAR	MR No	: UH038152
Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
Lab ID No	: LAB066736	Sample Received on	:
		Report Released on	: 08-06-2024 15:21

SUGAR	NIL		
KETONE BODIES	NIL		
BLOOD	NIL		
LEUKOCYTES	NIL		
NITRITE	NIL		
UROBILINOGEN	NIL		
MICROSCOPIC EXAM			
PUS CELLS	.		
RBC CELLS	2-3	/HPF	0 - 05
EP CELLS	NIL	/HPF	0 - 02
CASTS	1-2	/HPF	0 - 05
CRYSTALS	NIL		
BACTERIA	NIL		
OTHER	NIL		

\*\*\*End of the report\*\*\*

*Pallavi*

Checked By  
Lab Technician

Verified By

*DR. PRIYAVART MEHARWAL*

DR. PRIYAVART MEHARWAL  
MBBS, MD  
Pathologist

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Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Sample Collected on	: 08-06-2024 09:40
Lab ID No	: LAB066736	Sample Received on	:
		Report Released on	: 08-06-2024 15:21

### Laboratory Report

#### Biochemistry

<u>Test Description</u>	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Urine <b>URINE SUGAR FASTING</b>	NIL		
Sample Type: Urine <b>URINE SUGAR PP</b> Urine Sugar PP	NIL		

#### Hematology

<u>Test Description</u>	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Whole Blood <b>BLOOD GROUP (ABO &amp; RH TYPING)</b>	"B" POSITIVE		

#### CLINICAL PATHOLOGY

<u>Test Description</u>	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Urine <b>URINE ROUTINE &amp; MICROSCOPIC 1383</b>			
COLOUR	P. YELLOW		
APPEARANCE	CLEAR		
SPEC.GRAVITY	1.020		
REACTION	6.0		
ALBUMINE	NIL		

*[Signature]*

Checked By  
Lab Technician

Verified By

*[Signature]*

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Pathologist



Name	: Mr. RAJ KUMAR	MR No	: UH038152
Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Order Date	: 08-06-2024 09:36
		Report Date	: 08-06-2024 12:40

## Radiology Report

### X-Ray

#### CHEST X-RAY PA VIEW

#### Finding -

Both lung fields appear normal.

Trachea appears in the midline.

**Both hila appear prominent.**

Cardiac size appears normal.

Both CP angle and cardiophrenic angle appears normal.

Diaphragm appears normal on both sides.

Visualized rib cage appears normal.

*Please correlate clinically*

**DR ARUSHI BHARTIYA**  
**CONSULTANT RADIOLOGIST**

Technician

Verified By

UMKAL Hospital Pvt. Ltd

A-520, Sushant Lok-I, Gurugram- 122 002

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Name : Mr. RAJ KUMAR	MR No : UH038152
Age/Gender : 45 Y/M	Visit ID : OP049975
Admitting Doctor :	Sample Collected on : 08-06-2024 09:40
Lab ID No : LAB066736	Sample Received on :
	Report Released on : 08-06-2024 13:26

## Laboratory Report

### Biochemistry

HBA1C 1510

Test Name	Value	Unit	Bio Ref.Interval
HbA1c (Glycated Haemoglobin)	5.7	%	4.0 - 6.2

#### REMARKS-

In vitro quantitative determination of HbA1c in whole blood is utilized in long term monitoring of glycemia. The HbA1c level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose. It is recommended that the determination of HbA1c be performed at intervals of 4-6 weeks during Diabetes Mellitus therapy. Results of HbA1c should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

The American Diabetes Association(ADA) recommendations are summarized as below:

Ref Range for HBA1c ( In % ):

Non diabetic Adults ( Age  $\geq$ 18 years ) < 5.7

At risk (Pre-Diabetic) : 5.7- 6.4

Diagnosing Diabetes:  $\geq$  6.5

HbA1c goals in treatment of diabetes:

Ages 0-6 years: 7.6% - 8.4%

Ages 6-12 years: <8%

Ages 13-19 years: <7.5%

Adults: <7%

\*\*\*End of the report\*\*\*



Checked By  
Lab Technician

Verified By



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Name : Mr. RAJ KUMAR	MR No : UH038152
Age/Gender : 45 Y/M	Visit ID : OP049975
Admitting Doctor :	Sample Collected on : 08-06-2024 09:40
Lab ID No : LAB066736	Sample Received on :
	Report Released on : 08-06-2024 13:23

## Laboratory Report

### Biochemistry

#### T3, T4, TSH

Tests	Results	Biological Reference Range	Units
Triiodothyronine, Total (T3) (Serum,CMIA)	2.32	1.30 - 3.10	nmol/L
Thyroxine, Total (T4) (Serum,CMIA)	105.9	59 - 154	nmol/L
TSH Ultra Sensitive (Serum,CMIA)	1.96	0.27 - 4.8	IU/mL

#### Comment

**T3 or 3,5,3-triiodothyronine** is a hormone synthesized and secreted from the thyroid gland, and formed by peripheral deiodination of thyroxine (T4). The determination of it in serum is essential in assessing thyroid functions. T3 is secreted by thyroid glands and circulates in the blood stream; mostly bound to the plasma protein, thyroxin binding globulin (TBG) and prealbumin and albumin.

**T4 or Thyroxine or 3,5,3,5-tetraiodothyronine** is a hormone synthesized and secreted by the thyroid gland and plays an important role in regulating metabolism. In the peripheral tissues it act as a prohormone which is further metabolized to another most active thyroid hormone, tri-iodothyronine (T3) and other inactive metabolites such as reverse T3.

**TSH or Thyroid-stimulating hormone** is a hormone synthesized and secreted by Pituitary gland. TSH is glycoprotein with two non-covalently bound alpha and beta subunits. The beta subunit of TSH is unique, which results in the specific biochemical and immunological properties of this hormone. The ability to quantitate circulating levels of TSH is important in evaluating thyroid function. It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism.

\*\*\*End of the report\*\*\*

*Pallan*

Checked By  
Lab Technician

Verified By

*DR. PRIYAVART MEHARWAL*

DR. PRIYAVART MEHARWAL  
MBBS, MD  
Pathologist

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Emergency Ph No.: 0124 4100000





**TRANSTHORACIC ECHOCARDIOGRAPHY**

**Name: Mr.Raj Kumar**

**Age / Sex: 45Y/M**

**Referred by:Medical**

**Reason: To evaluate cardiac status**

**MR No: UH038152**

**LAB No. : OP049975**

**Date: 08/06/2024,Time:01:10pm**

**Echocardiography done on Digital Mylab X7 with AI Technology.**

	VALUES	NORMAL RANGE		VALUES	NORMAL RANGE
AORTA	30	17-40mm	IVS (ed)	10.6	06-11mm
			(es)	11.7	
LT. ATRIUM	34	17-40mm	PW (ed)	9.8	06-11mm
			(es)	10.6	
RT. VENTRICLE	28	15-30mm	EF	50%	50-80%
LT.VENTRICLE (ed)	52	35-55mm	FS		28-42%
(es)	41				

**MORPHOLOGICAL DATA:-**

MITRAL VALVE:- Normal

AORTIC VALVE:- Normal

TRICUSPID VALVE:-Normal

PUL.VALVE:-Normal

RT.VENTRICLE:-Normal

LT. VENTRICLE:- Normal

VENT.SEPTUM:- Normal

PUL.ARTERY. Normal

AORTA:-Normal

RT.ATRIUM:-Normal

LT.ATRIUM:- Normal



Name	: Mr. RAJ KUMAR	MR No	: UH038152
Age/Gender	: 45 Y/M	Visit ID	: OP049975
Admitting Doctor	:	Order Date	: 08-06-2024 09:36
		Report Date	: 08-06-2024 12:55

## Radiology Report

### Ultrasound

#### ULTRASOUND WHOLE ABDOMEN

##### Gaseous Abdomen

- Liver :** Liver is normal in size measuring 132 mm with **fatty liver Grade I**.  
No focal lesion seen.No intrahepatic biliary radicle dilatation seen.
- Gall Bladder:** **The Gall Bladder is partially contracted.**  
Gall Bladder wall thickness normal. CBD and Portal vein are normal.
- Pancreas :-** The pancreas is normal in size , shape and echotexture.  
No Peripancreatic collection seen.
- Kidneys :** **Right kidney:-** is normal in size ,shape & position.  
Echotexture of sinus & cortex normal. No calyceal dilatation seen.  
No calculus/mass lesion seen.Corticomedullary differentiation maintained.  
**Left kidney:-** is normal in size ,shape & position.  
Echotexture of sinus & cortex normal. No calyceal dilatation seen.  
No calculus/mass lesion seen.Corticomedullary differentiation maintained
- Spleen :** The Spleen is normal in size ,shape and echotexture.
- U Bladder :** Urinary bladder is partially filled.
- PROSTATE :** Is normal in size and echotexture.**Foci of calcification is noted.**  
No free fluid seen. No collection seen.

**IMPRESSION : Fatty liver Grade I.**

**Please correlate clinically.**

**DR ARUSHI BHARTIYA**  
CONSULTANT RADIOLOGIST

Technician

**UMKAL Hospital Pvt. Ltd**

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Verified By

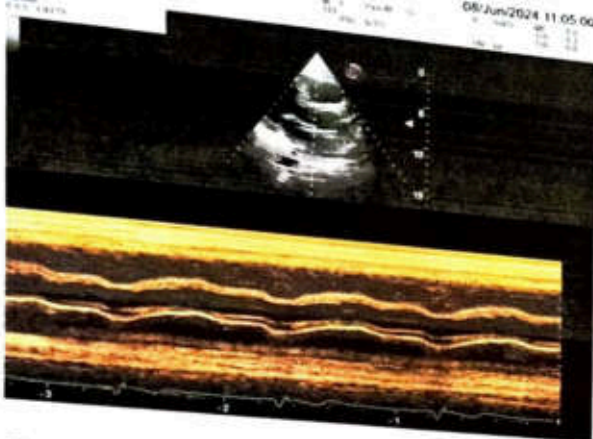




RAJ KUMAR 45YRS/MMED

SI	PR	AV	PM	TV
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0.0	0.0	0.0	0.0	0.0

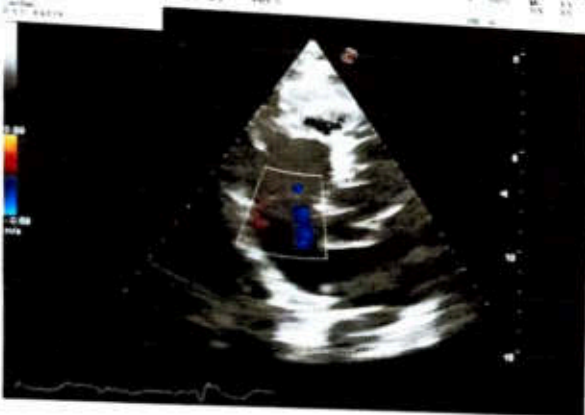
08/Jun/2024 11:05:00



RAJ KUMAR 45YRS/MMED

SI	PR	AV	PM	TV
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0.0	0.0	0.0	0.0	0.0

08/Jun/2024 11:09:29



RAJ KUMAR 45YRS/MMED

SI	PR	AV	PM	TV
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0.0	0.0	0.0	0.0	0.0

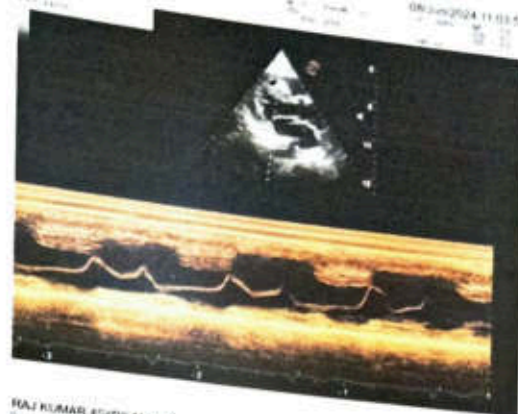
08/Jun/2024 11:13:20



RAJ KUMAR 45YRS/MMED

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0.0	0.0	0.0	0.0	0.0

08/Jun/2024 11:03:51



RAJ KUMAR 45YRS/MMED

SI	PR	AV	PM	TV
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0.0	0.0	0.0	0.0	0.0

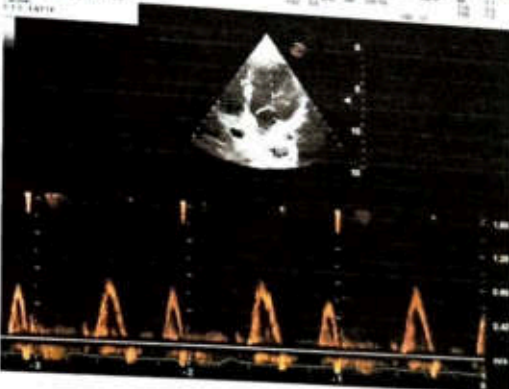
08/Jun/2024 11:05:35



RAJ KUMAR 45YRS/MMED

SI	PR	AV	PM	TV
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0.0	0.0	0.0	0.0	0.0

08/Jun/2024 11:11:40



RAJ KUMAR 45YRS/MMED

SI	PR	AV	PM	TV
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0

08/Jun/2024 11:13:37





MR. RAJ KUMAR 45YRS/M/MED/OP049975

**2D ECHOCARDIOGRAPHY AND COLOR DOPPLER FINDINGS:-**

Normal LV size and function with estimated LVEF of 50%. No Regional Wall Motion Abnormality. Right Atrium & Left Atrium is normal. Right Ventricle is normal. Mild Tricuspid Regurgitation with calculated RVSP of 25mmHg+RAP. No Mitral Regurgitation, No Aortic Regurgitation. No LA/LV clot or pericardial effusion.

**COLOR FLOW MAPPING: -**

No Mitral Regurgitation.  
No Aortic Regurgitation.  
Mild Tricuspid Regurgitation with calculated RVSP of 25mmHg+RAP.

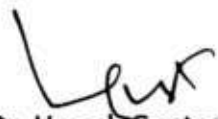
**DOPPLER STUDIES: -**

MV E: 0.75m/sec, A: 0.67m/sec.  
AV: 1.10m/sec.  
TV: Normal  
PV: Normal.

**IMPRESSION: -**

Heart Rate 60 bpm .

1. Normal LV size and function with estimated LVEF of 50%.
2. No Regional Wall Motion Abnormality.
3. RA, LA, RV are normal.
4. Mild Tricuspid Regurgitation with calculated RVSP of 25mmHg+RAP.
5. No Mitral Regurgitation.
6. No Aortic regurgitation.
7. No LA/LV clot or pericardial effusion.

  
**Dr. Umesh Gupta**  
MD, DM (Cardiology)  
MACCP, FICA (USA)  
Chief Cardiologist



RAJ KUMAR 45M OPD MED  
08 Jun 2024 10:21:39



RAJ KUMAR 45M OPD MED  
08 Jun 2024 10:24:14



RAJ KUMAR 45M OPD MED  
08 Jun 2024 10:24:38



RAJ KUMAR 45M OPD MED  
08 Jun 2024 10:26:34



RAJ KUMAR 45M OPD MED  
08 Jun 2024 10:27:15



RAJ KUMAR 45M OPD MED  
08 Jun 2024 10:28:31



RAJ KUMAR 45M OPD MED  
08 Jun 2024 10:30:46



RAJ KUMAR 45M OPD MED  
08 Jun 2024 10:31:22

