

25/11/2023

Patient Name - Mr. Ananda Mahajan Rajendra

Age - 51 / Male

R/O -

Pain in knees ⊕.  
burning soles.

Height - 168 cm

KIDNEY DM. on Reg No.

wt - 70 kg

BMI - 24.8 kg/m<sup>2</sup>  
Normal

BP - 120/80 mmHg

P - 80/min

SpO<sub>2</sub> - 98%.

P.

• Tab. Neurokind LC.

0 → 0. X 30 days.

• Rest continue all.

• Tab. Zeredol SP.

1 → 1 X 3 days.

• Pt fit and can resume  
his normal duties

Consult with physician for  
raised blood sugar & cholesterol





Name - Mr. Ananda Mahajan	Age - 51 Y/M
Ref by Dr.- Siddhivinayak Hospital	Date - 25/11/2023

**X- Ray chest (PA VIEW)**

No obvious active parenchymal lesion seen in both lungs.

Cardiac and aortic shadows appear normal

No evidence of pleural of effusion is seen.


Both domes of diaphragm appear normal.

No obvious bony lesion is seen.

**IMPRESSION:**

- No significant abnormality seen.

Adv.: Clinical and lab correlation.

  
**DR. MOHAMMAD SOHAIB**  
MBBS; DMRE  
CONSULTANT RADIOLOGIST

Note: The above report represents interpretation of various radiographic / sonographic shadows, and hence has its own limitations. This report has to be co-related clinic-pathologically by the referring / physician and it does NOT represent the sole diagnosis.





Name - Mr. Ananda Mahajan

Age - 51 Y/M

Ref by Dr.- Siddhivinayak Hospital

Date - 25/11/2023

### USG ABDOMEN & PELVIS

#### Clinical details:- Routine

The Liver is normal in size and shows raised echogenicity. There is no obvious abnormal focal lesion seen. There is no IHBR dilatation seen in both the lobes of the liver.

The CBD and the Portal vein appear normal.

The Gall bladder is well distended & appears normal. No calculi or filling defects are seen. No evidence of Pericholecystic collection. The wall thickness is normal.

Right Kidney measures 10.5 x 4.1 cm & appears normal in shape and position. There is no evidence of hydronephrosis or any calculi seen. Cortico-medullary differentiation is maintained.

Left Kidney measures 10.1 x 4.1 cm & appears normal in shape and position. There is no evidence of hydronephrosis or any calculi seen. Cortico-medullary differentiation is maintained.

The Pancreas is normal in size & shows homogenous echopattern. It shows no focal lesion.

The Spleen is normal in size (9.8 cm) with homogenous echotexture.

The urinary bladder is adequately distended and appears normal. There is no evidence of any obvious calculi or any mass lesion seen. Both Uretero-vesical junctions appear clear. No abnormal intraluminal lesion noted.

Prostate appears normal in size. The echotexture pattern is normal. there is no obvious focal lesion seen.

No free fluid or obvious lymphadenopathy is seen in abdomen and pelvis.

#### IMPRESSION:

- Fatty liver.

Adv.: Clinical and lab correlation.

  
**DR. MOHAMMAD SOHAIB**  
MBBS; DMRE  
CONSULTANT RADIOLOGIST

Note: The above report represents interpretation of various radiographic / sonographic shadows, and hence has its own limitations. This report has to be co-related clinic-pathologically by the referring / physician and it does NOT represent the sole diagnosis. Second opinion is always advisable.



## OPHTHAL CHECK UP SCREENING

NAME OF EMPLOYEE                      MR.ANANDA MAHAJAN RAJENDRA

AGE                      51    DATE -                      25.11.2023

Specs : Without Glasses

	RT Eye	Lt Eye
NEAR	N/8	N/8
DISTANT	6/6	6/6
Color Blind Test	NORMAL	



SIDDHIVINAYAK HOSPITALS



### ECHOCARDIOGRAM

NAME	MR. ANANDA MAHAJAN
AGE/SEX	51 YRS/M
REFERRED BY	SIDDHIVINAYAK HOSPITAL
DOCTOR	DR. ANANT MUNDE, DNB, DM (CARDIOLOGY)
DATE OF EXAMINATION	25/11/2023

### 2D/M-MODE ECHOCARDIOGRAPHY

<p><b>VALVES:</b></p> <p><b>MITRAL VALVE:</b></p> <ul style="list-style-type: none"> <li>• AML: Normal</li> <li>• PML: Normal</li> <li>• Sub-valvular deformity: Absent</li> </ul> <p><b>AORTIC VALVE:</b> Normal</p> <ul style="list-style-type: none"> <li>• No. of cusps: 3</li> </ul> <p><b>PULMONARY VALVE:</b> Normal</p> <p><b>TRICUSPID VALVE:</b> Normal</p>	<p><b>CHAMBERS:</b></p> <p><b>LEFT ATRIUM:</b> Normal</p> <p><b>LEFT VENTRICLE:</b> Normal</p> <ul style="list-style-type: none"> <li>• RWMA: No</li> <li>• Contraction: Normal</li> </ul> <p><b>RIGHT ATRIUM:</b> Normal</p> <p><b>RIGHT VENTRICLE:</b> Normal</p> <ul style="list-style-type: none"> <li>• RWMA: No</li> <li>• Contraction: Normal</li> </ul>
<p><b>GREAT VESSELS:</b></p> <ul style="list-style-type: none"> <li>• AORTA: Normal</li> <li>• PULMONARY ARTERY: Normal</li> </ul>	<p><b>SEPTAE:</b></p> <ul style="list-style-type: none"> <li>• IAS: Intact</li> <li>• IVS: Intact</li> </ul>
<p><b>CORONARIES:</b> Proximal coronaries normal</p>	<p><b>VENACAVAE:</b></p> <ul style="list-style-type: none"> <li>• SVC: Normal</li> <li>• IVC: Normal and collapsing &gt;20% with respiration</li> </ul>
<p><b>CORONARY SINUS:</b> Normal</p>	
<p><b>PULMONARY VEINS:</b> Normal</p>	<p><b>PERICARDIUM:</b> Normal</p>

### MEASUREMENTS:

AORTA		LEFT VENTRICLE STUDY		RIGHT VENTRICLE STUDY	
PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE
Aortic annulus	20 mm	Left atrium	30 mm	Right atrium	mm
Aortic sinus	mm	LVIDd	40.0 mm	RVd (Base)	mm
Sino-tubular junction	mm	LVIDs	25.0 mm	RVEF	%
Ascending aorta	mm	IVSd	8.0 mm	TAPSE	mm
Arch of aorta	mm	LVPWd	8.0 mm	MPA	mm
Desc. thoracic aorta	mm	LVEF	66 %	RVOT	mm
Abdominal aorta	mm	LVOT	mm	IVC	12.9S mm



## COLOR - FLOW & DOPPLER ECHOCARDIOGRAPHY

NAME	MR. ANANDA MAHAJAN
AGE/SEX	51YRS/M
REFERRED BY	SIDDHIVINAYAK HOSPITAL
DOCTOR	DR. ANANT MUNDE, DNB, DM (CARDIOLOGY)
DATE OF EXAMINATION	25/11/2023

	MITRAL	TRICUSPID	AORTIC	PULMONARY
FLOW VELOCITY (m/s)			1.33	1.1
PPG (mmHg)				
MPG (mmHg)				
VALVE AREA (cm <sup>2</sup> )				
DVI (ms)				
PR END DIASTOLIC VELOCITY (m/s)				
ACCELERATION/ DECELERATION TIME (ms)				
PHT (ms)				
VENA CONTRACTA (mm)				
REGURGITATION		TRJV= m/s PASP= mmHg		
E/A	1.3			
E/E'	8.3			

### FINAL IMPRESSION: NORMAL STUDY

- No RWMA
- Normal LV systolic function (LVEF 66 %)
- Good RV systolic function
- Normal diastolic function
- All cardiac valves are normal
- All cardiac chambers are normal
- IAS/IVS intact
- No pericardial effusion/ clot/vegetations

ADVICE: Nil

ECHOCARDIOGRAPHER:

Dr. ANANT MUNDE

INTERVENTIONAL CARDIOLOGIST

Name	: Mr. ANAND MAHAJAN	Collected On	: 25/11/2023 10:14 am
Lab ID.	: 175489	Received On	: 25/11/2023 10:24 am
Age/Sex	: 51 Years / Male	Reported On	: 25/11/2023 7:59 pm
Ref By	: SIDDHIVINAYAK HOSPITAL CGHS /ESIS	Report Status	: FINAL



**\*LIPID PROFILE**

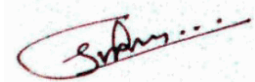
TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b>TOTAL CHOLESTEROL (CHOLESTEROL OXIDASE, ESTERASE, PEROXIDASE)</b>	<b>242.0</b>	mg/dL	Desirable blood cholesterol: - <200 mg/dl. Borderline high blood cholesterol: - 200 - 239 mg/dl. High blood cholesterol: - >239 mg/dl.
<b>S.HDL CHOLESTEROL (DIRECT MEASURE - PEG)</b>	39.8	mg/dL	Major risk factor for heart : <30 mg/dl. Negative risk factor for heart disease: >=80 mg/dl.
<b>S. TRIGLYCERIDE (ENZYMATIC, END POINT)</b>	138.8	mg/dL	Desirable level : <161 mg/dl. High : >= 161 - 199 mg/dl. Borderline High : 200 - 499 mg/dl. Very high : >499mg/dl.
<b>VLDL CHOLESTEROL (CALCULATED VALUE)</b>	28	mg/dL	UPTO 40
<b>S.LDL CHOLESTEROL (CALCULATED VALUE)</b>	<b>174</b>	mg/dL	Optimal: <100 mg/dl. Near Optimal: 100 - 129 mg/dl. Borderline High: 130 - 159 mg/dl. High : 160 - 189mg/dl. Very high : >= 190 mg/dl.
<b>LDL CHOL/HDL RATIO (CALCULATED VALUE)</b>	<b>4.37</b>		UPTO 3.5
<b>CHOL/HDL CHOL RATIO (CALCULATED VALUE)</b>	6.08		<5.0

Above reference ranges are as per ADULT TREATMENT PANEL III recommendation by NCEP (May 2015).

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT -----

Checked By  
SHAISTA Q



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**M.B.B.S.M.D. Pathology(Mum)**  
**Consultant Histocytopathologist**



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**COMPLETE BLOOD COUNT**

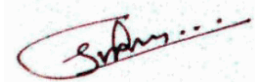
TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b>HEMOGLOBIN</b>	15.6	gm/dl	13 - 18
HEMATOCRIT (PCV)	46.8	%	42 - 52
RBC COUNT	5.56	x10 <sup>6</sup> /uL	4.70 - 6.50
MCV	84	fl	80 - 96
MCH	28.1	pg	27 - 33
MCHC	33	g/dl	33 - 36
RDW-CV	<b>14.8</b>	%	11.5 - 14.5
<b>TOTAL LEUCOCYTE COUNT</b>	4350	/cumm	4000 - 11000
<b><u>DIFFERENTIAL COUNT</u></b>			
NEUTROPHILS	57	%	40 - 80
LYMPHOCYTES	29	%	20 - 40
EOSINOPHILS	06	%	0 - 6
MONOCYTES	08	%	2 - 10
BASOPHILS	00	%	0 - 1
<b>PLATELET COUNT</b>	246000	/cumm	150000 - 450000
MPV	11.4	fl	6.5 - 11.5
PDW	15.8	%	9.0 - 17.0
PCT	0.280	%	0.200 - 0.500
RBC MORPHOLOGY	Normocytic Normochromic		
WBC MORPHOLOGY	Normal		
PLATELETS ON SMEAR	Adequate		

Method : EDTA Whole Blood- Tests done on Automated Six Part Cell Counter.RBC and Platelet count by Electric Impedance ,WBC by SF Cube method and Differential by flow cytometry . Hemoglobin by Cyanide free reagent for hemoglobin test (Colorimetric Method).Rest are calculated parameters.

**Result relates to sample tested, Kindly correlate with clinical findings.**

----- END OF REPORT -----

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**HEMATOLOGY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b>ESR</b>			
<b>ESR</b>	05	mm/1hr.	0 - 20

METHOD - WESTERGREN

Result relates to sample tested, Kindly correlate with clinical findings.

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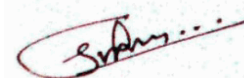
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**URINE ROUTINE EXAMINATION**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b><u>URINE ROUTINE EXAMINATION</u></b>			
<b><u>PHYSICAL EXAMINATION</u></b>			
VOLUME	20ml		
COLOUR	Pale yellow	Text	Pale Yellow
APPEARANCE	Clear		CLEAR
<b><u>CHEMICAL EXAMINATION</u></b>			
REACTION	Acidic		Acidic
(methyl red and Bromothymol blue indicator)			
SP. GRAVITY	1.010		1.005 - 1.022
(Bromothymol blue indicator)			
PROTEIN	Absent		Absent
(Protein error of PH indicator)			
BLOOD	Absent		Absent
(Peroxidase Method)			
SUGAR	Absent		Absent
(GOD/POD)			
KETONES	Absent		Absent
(Acetoacetic acid)			
BILE SALT & PIGMENT	Absent		Absent
(Diazonium Salt)			
UROBILINOGEN	Absent		Normal
(Red azodye)			
LEUKOCYTES	Absent	Text	Absent
(pyrrole amino acid ester diazonium salt)			
NITRITE	Absent		Negative
(Diazonium compound With tetrahydrobenzo quinolin 3-phenol)			
<b><u>MICROSCOPIC EXAMINATION</u></b>			
RED BLOOD CELLS	Absent	Text	Absent
PUS CELLS	0-2	/ HPF	0 - 5
EPITHELIAL	0-2	/ HPF	0 - 5
CASTS	Absent		

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**URINE ROUTINE EXAMINATION**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
CRYSTALS	Absent		
BACTERIA	Absent		Absent
YEAST CELLS	Absent		Absent
ANY OTHER FINDINGS	Absent		

REMARK Result relates to sample tested. Kindly correlate with clinical findings.

**Result relates to sample tested, Kindly correlate with clinical findings.**

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**IMMUNO ASSAY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b><u>TFT (THYROID FUNCTION TEST )</u></b>			
SPACE		Space	-
SPECIMEN	Serum		
T3	140.8	ng/dl	84.63 - 201.8
T4	8.71	µg/dl	5.13 - 14.06
TSH	4.19	µIU/ml	0.270 - 4.20
T3 (Triiodo Thyronine hormone)	T4 (Thyroxine)	TSH(Thyroid stimulating hormone)	
AGE	RANGE	AGE	RANGES
1-30 days	100-740	1-14 Days	11.8-22.6
1-11 months	105-245	1-2 weeks	9.9-16.6
1-5 yrs	105-269	1-4 months	7.2-14.4
6-10 yrs	94-241	4 -12 months	7.8-16.5
11-15 yrs	82-213	1-5 yrs	7.3-15.0
0.1-2.5			
15-20 yrs	80-210	5-10 yrs	6.4-13.3
0.20-3.0			
		11-15 yrs	5.6-11.7
0.30-3.0			

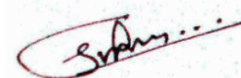
**INTERPRETATION :**

TSH stimulates the production and secretion of the metabolically active thyroid hormones, thyroxine (T4) and triiodothyronine (T3), by interacting with a specific receptor on the thyroid cell surface. The synthesis and secretion of TSH is stimulated by Thyrotropin releasing hormone (TRH), in response to low levels of circulating thyroid hormones. Elevated levels of T3 and T4 suppress the production of TSH via a classic negative feedback mechanism. Failure at any level of regulation of the hypothalamic-pituitary-thyroid axis will result in either underproduction (hypothyroidism) or overproduction (hyperthyroidism) of T4 and/or T3.

**Result relates to sample tested, Kindly correlate with clinical findings.**

----- END OF REPORT -----

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**HAEMATOLOGY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b><u>BLOOD GROUP</u></b>			
SPECIMEN	WHOLE BLOOD EDTA & SERUM		
* ABO GROUP	'AB'		
RH FACTOR	POSITIVE		
Method: Slide Agglutination and Tube Method (Forward grouping & Reverse grouping)			
<b>Result relates to sample tested, Kindly correlate with clinical findings.</b>			
----- END OF REPORT -----			

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**\*BIOCHEMISTRY**

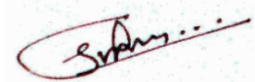
TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b>BLOOD UREA</b> (Urease UV GLDH Kinetic)	25.9	mg/dL	18 - 55
<b>BLOOD UREA NITROGEN</b> (Calculated)	12.10	mg/dL	5 - 20
<b>S. CREATININE</b> (Enzymatic)	0.94	mg/dL	0.6 - 1.4
<b>S. URIC ACID</b> (Uricase)	6.9	mg/dL	3.5 - 7.2
<b>S. SODIUM</b> (ISE Direct Method)	138.0	mEq/L	137 - 145
<b>S. POTASSIUM</b> (ISE Direct Method)	4.66	mEq/L	3.5 - 5.1
<b>S. CHLORIDE</b> (ISE Direct Method)	100.5	mEq/L	98 - 110
<b>S. PHOSPHORUS</b> (Ammonium Molybdate)	3.86	mg/dL	2.5 - 4.5
<b>S. CALCIUM</b> (Arsenazo III)	9.9	mg/dL	8.6 - 10.2
<b>PROTEIN</b> (Biuret)	6.7	g/dl	6.4 - 8.3
<b>S. ALBUMIN</b> (BGC)	4.13	g/dl	3.2 - 4.6
<b>S.GLOBULIN</b> (Calculated)	2.57	g/dl	1.9 - 3.5
<b>A/G RATIO</b> calculated	1.61		0 - 2

NOTE BIOCHEMISTRY TEST DONE ON FULLY AUTOMATED ( EM 200) ANALYZER.

**Result relates to sample tested, Kindly correlate with clinical findings.**

----- END OF REPORT -----

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### Peripheral smear examination

TEST NAME	RESULTS
SPECIMEN RECEIVED	Whole Blood EDTA
RBC	Normocytic Normochromic
WBC	Total leucocyte count is normal on smear.
	Neutrophils:57 % Lymphocytes:30 % Monocytes:08 % Eosinophils:05 % Basophils:00 %
PLATELET	Adequate on smear.
HEMOPARASITE	No parasite seen.

**Result relates to sample tested, Kindly correlate with clinical findings.**

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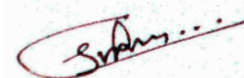
**LIVER FUNCTION TEST**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b>TOTAL BILLIRUBIN</b> (Method-Diazo)	0.51	mg/dL	0.0 - 2.0
<b>DIRECT BILLIRUBIN</b> (Method-Diazo)	0.26	mg/dL	0.0 - 0.4
<b>INDIRECT BILLIRUBIN</b> Calculated	0.25	mg/dL	0 - 0.8
<b>SGOT(AST)</b> (UV without PSP)	<b>38.6</b>	U/L	0 - 37
<b>SGPT(ALT)</b> UV Kinetic Without PLP (P-L-P)	<b>65.6</b>	U/L	UP to 40
<b>ALKALINE PHOSPHATASE</b> (Method-ALP-AMP)	61.0	U/L	53 - 128
<b>S. PROTIEN</b> (Method-Biuret)	6.70	g/dl	6.4 - 8.3
<b>S. ALBUMIN</b> (Method-BCG)	4.13	g/dl	3.5 - 5.2
<b>S. GLOBULIN</b> Calculated	2.57	g/dl	1.90 - 3.50
<b>A/G RATIO</b> Calculated	1.61		0 - 2

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**BIOCHEMISTRY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
GAMMA GT	91.9	U/L	13 - 109
<b><u>BLOOD GLUCOSE FASTING &amp; PP</u></b>			
BLOOD GLUCOSE FASTING	<b>130.1</b>	mg/dL	70 - 110
BLOOD GLUCOSE PP	<b>197.1</b>	mg/dL	70 - 140

Method (GOD-POD). DONE ON FULLY AUTOMATED ANALYSER (EM200).

1. Fasting is required (Except for water ) for 8-10 hours before collection for fasting specimen. Last dinner should consist of bland diet.
2. Don't take insulin or oral hypoglycemic agent until after fasting blood sample has been drawn

**INTERPRETATION**

- Normal glucose tolerance : 70-110 mg/dl
- Impaired Fasting glucose (IFG) : 110-125 mg/dl
- Diabetes mellitus :  $\geq 126$  mg/dl

**POSTPRANDIAL/POST GLUCOSE (75 grams)**

- Normal glucose tolerance : 70-139 mg/dl
- Impaired glucose tolerance : 140-199 mg/dl
- Diabetes mellitus :  $\geq 200$  mg/dl

**CRITERIA FOR DIAGNOSIS OF DIABETES MELLITUS**

- Fasting plasma glucose  $\geq 126$  mg/dl
- Classical symptoms +Random plasma glucose  $\geq 200$  mg/dl
- Plasma glucose  $\geq 200$  mg/dl (2 hrs after 75 grams of glucose)
- Glycosylated haemoglobin  $> 6.5\%$

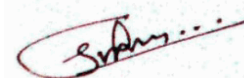
\*\*\*Any positive criteria should be tested on subsequent day with same or other criteria.

**GLYCOCELATED HEMOGLOBIN (HBA1C)**

HBA1C (GLYCOSALATED HAEMOGLOBIN)	<b>7.3</b>	%	Hb A1c > 8 Action suggested < 7 Goal < 6 Non - diabetic level
AVERAGE BLOOD GLUCOSE (A. B. G. )	<b>162.8</b>	mg/dL	NON - DIABETIC : $\leq 5.6$ PRE - DIABETIC : 5.7 - 6.4 DIABETIC : $> 6.5$

METHOD Particle Enhanced Immunoturbidimetry

Checked By  
SHAISTA Q



**DR. SMITA RANVEER.**  
**M.B.B.S.M.D. Pathology(Mum)**  
**Consultant Histocytopathologist**



Name : Mr. ANAND MAHAJAN Collected On : 25/11/2023 10:14 am  
Lab ID. : 175489 Received On : 25/11/2023 10:24 am  
Age/Sex : 51 Years / Male Reported On : 25/11/2023 7:59 pm  
Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS Report Status : FINAL



**BIOCHEMISTRY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
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HbA1c : Glycosylated hemoglobin concentration is dependent on the average blood glucose concentration which is formed progressively and irreversibly over a period of time and is stable till the life of the RBC/erythrocytes. Average Blood Glucose (A.B.G) is calculated value from HbA1c : Glycosylated hemoglobin concentration in whole Blood. It indicates average blood sugar level over past three months.

**Result relates to sample tested, Kindly correlate with clinical findings.**

----- END OF REPORT -----

Checked By  
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**REPORT ON IMMUNOLOGY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
PSA (PROSTATE SPECIFIC ANTIGEN)(TOTAL) (CLIA)	0.80	ng/ml	0 - 4

**INTERPRETATION:**

Increased levels are noted in prostate cancer, benign prostatic hypertrophy, prostatitis

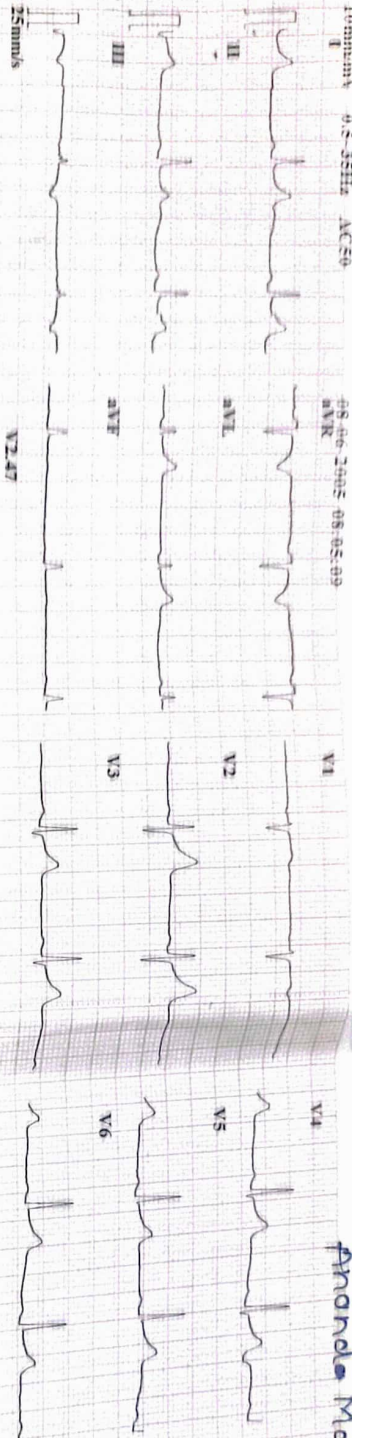
**Result relates to sample tested, Kindly correlate with clinical findings.**

----- END OF REPORT -----

Checked By  
SHAISTA Q

**DR. SMITA RANVEER.**  
**M.B.B.S.M.D. Pathology(Mum)**  
**Consultant Histocytopathologist**





Ananda Mahajan

Name : Ananda Mahajan  
 Age : 35 yr  
 Sex : Male  
 BP : mmHg  
 Height : cm  
 Weight : kg  
 HR : 60 bpm  
 P Dur : 101 ms  
 P-R int : 140 ms  
 QRS Dur : 86 ms  
 QI/QIC int : 378.378 ms  
 P/QRS/T axis : 22.40/6 °  
 RV5/SV1 amp : 0.942/0.468 mV  
 RV6/SV2 amp : 1.410 mV  
 RV6/SV2 amp : 0.942/0.499 mV

Ximena Code:  
 9-4-1(15)

Diagnosis Information  
 800: Sinus Rhythm  
 \*\*\*Normal ECG\*\*\*

Report Confirmed by: