

**ECHO REPORT**

Date-25/06/2022

**Patient Details**

Patient ID – 18260  
Name- MR.AVINASH SINGH  
Age- 28 YEARS  
Gender- MALE  
Blood Group NOT DETERMINED  
Referred by MEDIWHEEL

**ECHO Identification Detail**

Doctor In charge DR MAHESH PADSALGE

**Clinical Status of Patient**

**ECHO Code**

**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) - 40.00  
 IVS (Diastole) 8-12(mm) - 9.00  
 LVPWT (Diastole) 6-11(mm) - 9.00  
 LVEF (%) - 60%

Lvid (Systole) 24-42 (mm) - 28.00  
 IVS (Systole) 14-42 (mm) - 12.00  
 EPSS - 3.00  
 LVFS (%) - 30.00

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

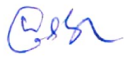
LV Volume (Systolic)(mm<sup>3</sup>)  
 Cubed LV Volume in Diastole (mm<sup>3</sup>)

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

Velocity of circumferential  
 Shortening (mm)

Aortic root 22-37(mm) - 24.00  
 Left Atrium Length (mm) - 23.00  
 Left Atrium Volume (mm<sup>3</sup>)  
 RV size Normal  
 RV volume (mm<sup>3</sup>)  
 Pericardium Normal  
 Effusion None  
 Resp Variation Present  
 Predicted RV Systolic Pressure

Left Atrium Width(mm)  
 Left Atrium Area (mm<sup>2</sup>)  
 RV Function Normal  
 RA Size Normal  
 IVC Size (mm) 1 COLLAPSIBLE



Dr. Mahesh V. Padsalge

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

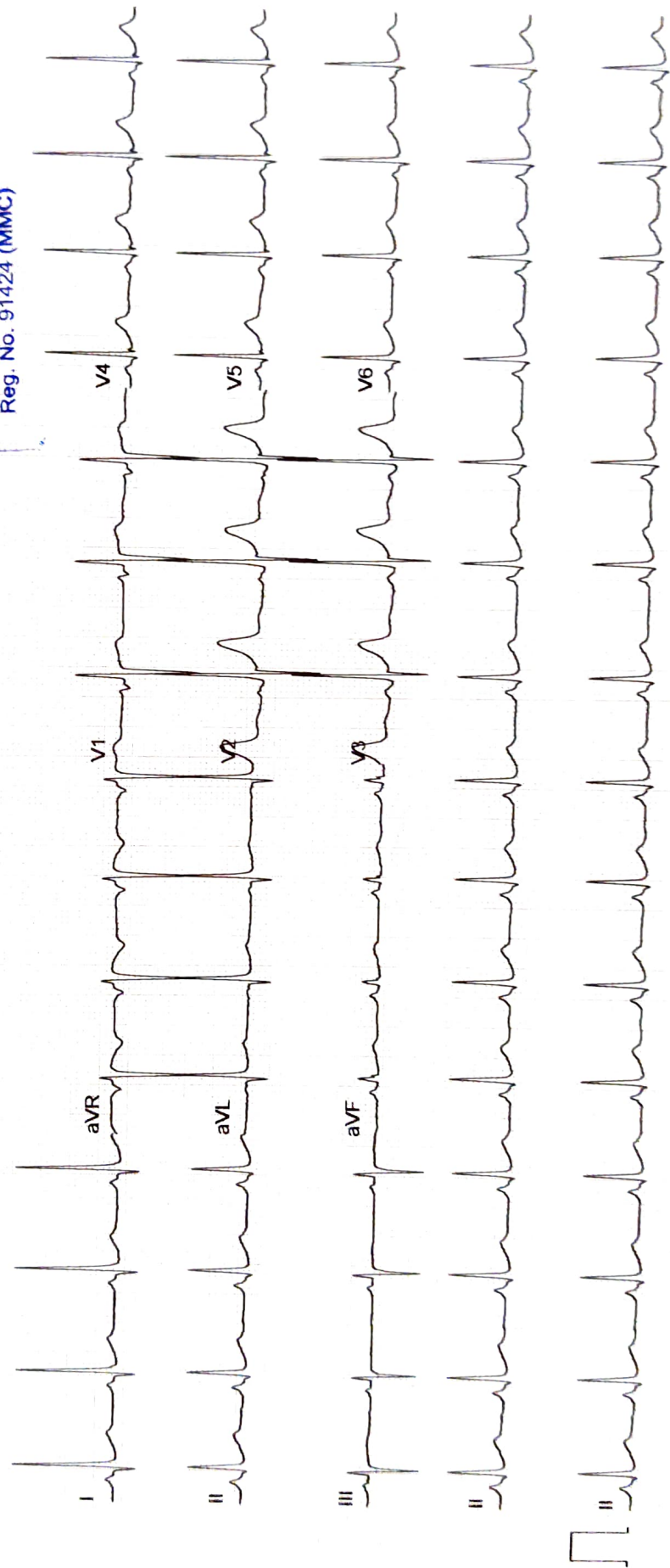
QRS : 78 ms  
QT / QTcBaz : 334 / 406 ms  
PR : 112 ms  
P : 100 ms  
RR / PP : 670 / 674 ms  
P / QRS / T : 54 / 10 / 42 degrees

Normal sinus rhythm  
Voltage criteria for left ventricular hypertrophy  
Abnormal ECG

89 bpm  
-- / -- mmHg

*64 min normal sinus*

*Dr. Mahesh V. Padsalge*  
MD. (Medicine)  
Consultant Physician  
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भारत सरकार  
Government of India

अविनाश सिंह  
Avinash Singh  
जन्म तिथि/DOB: 02/04/1994  
पुरुष/MALE



9816 6279 5694  
VID: 9107 7084 4638 8012


मेरा आधार, मेरी पहचान

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

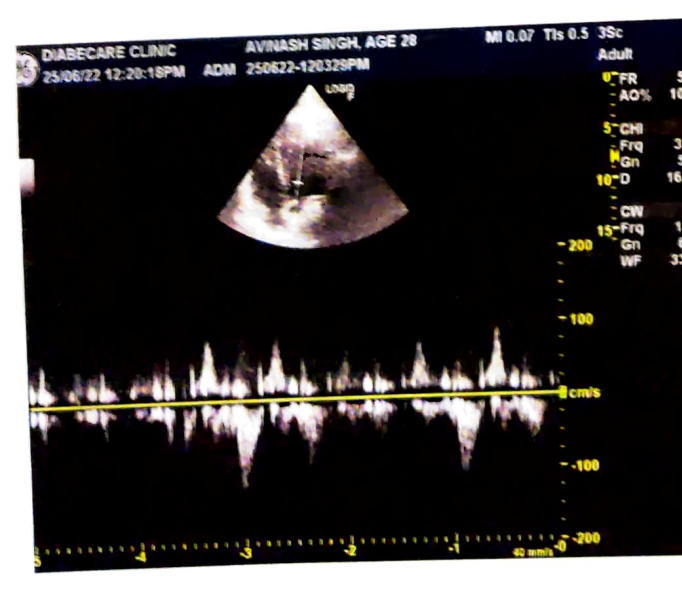
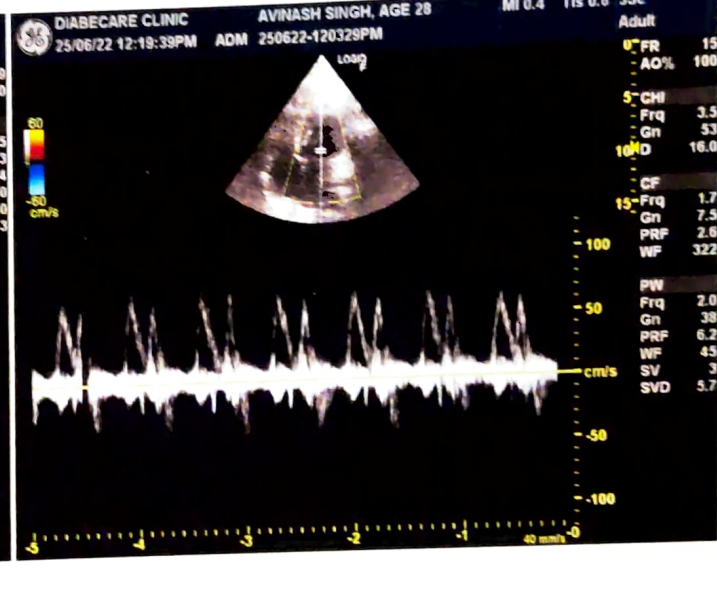
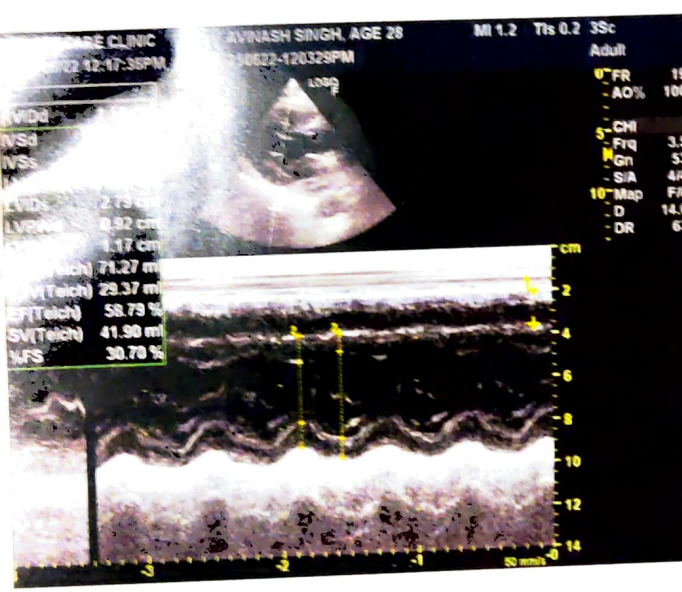
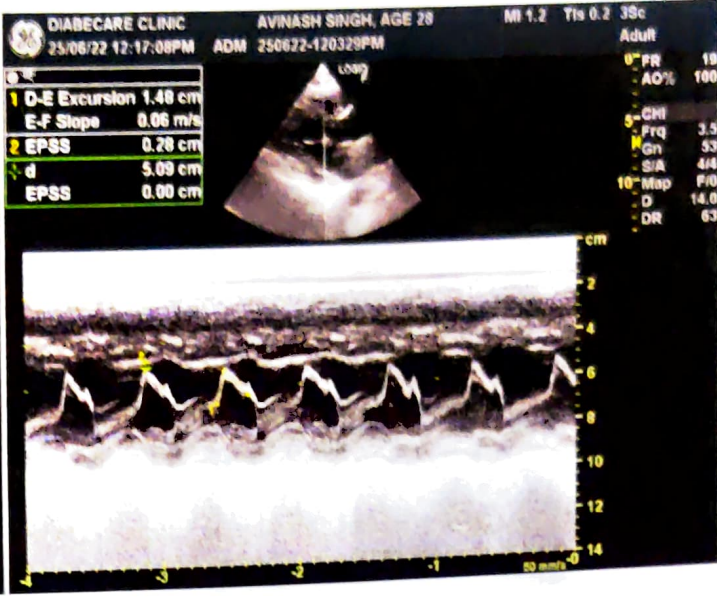
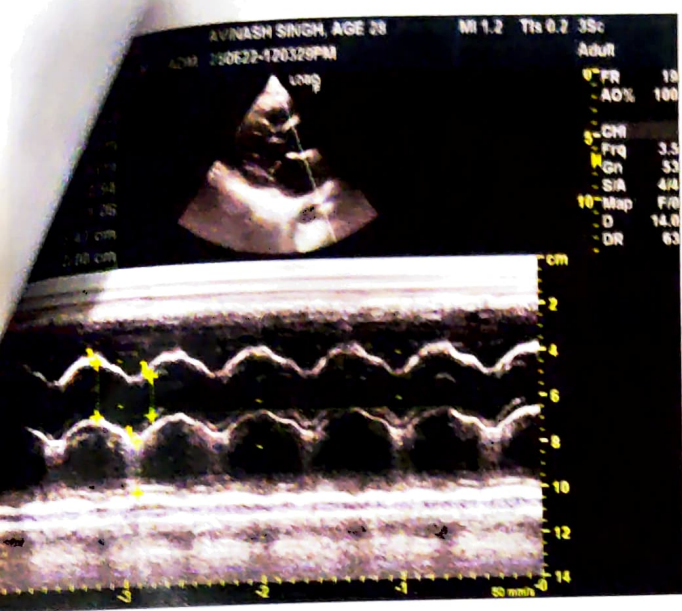
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Unique Identification Authority of India

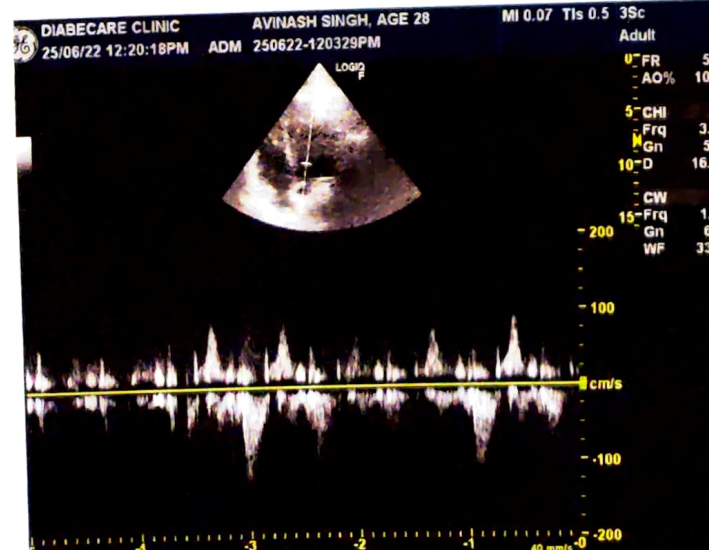
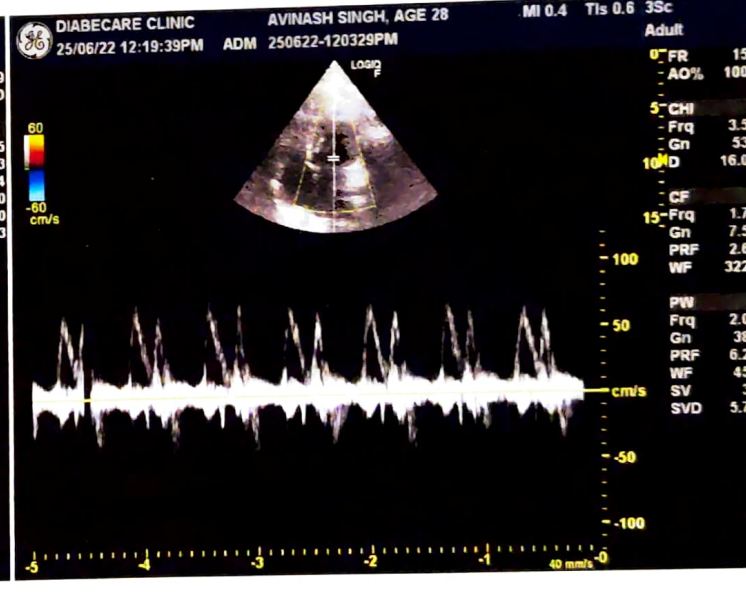
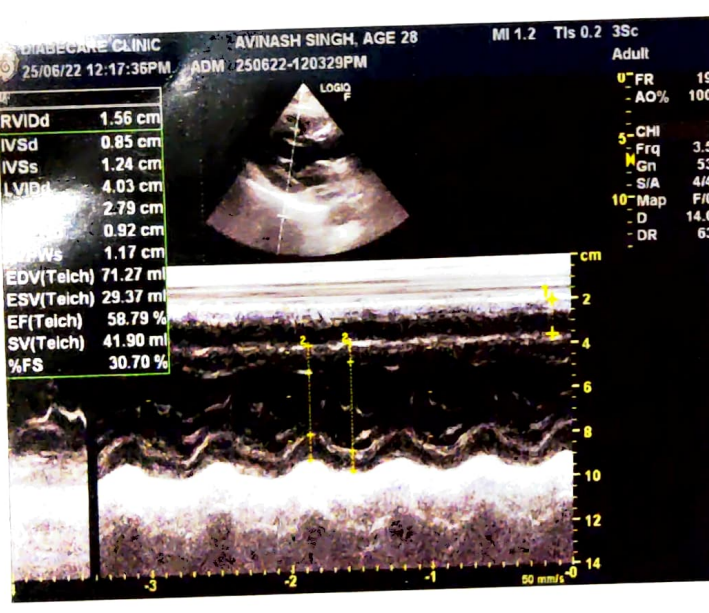
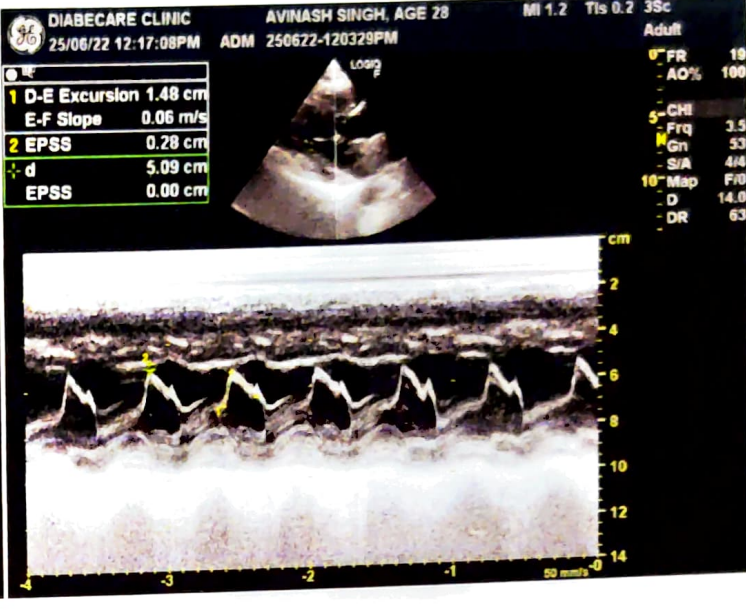
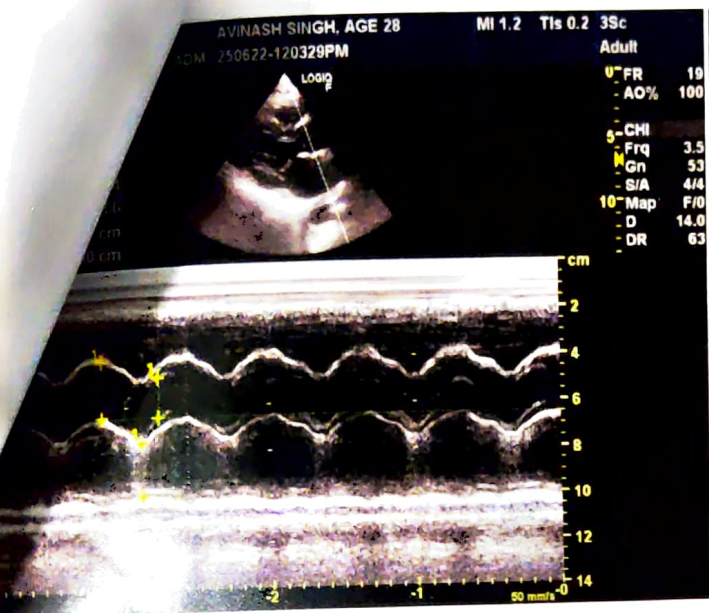
पता:  
S/O: पान सिंह सिकरवार, अडवांकल कॉलोनी, अम्बाह,  
मोरना, अम्बाह, अम्बाह, पुरैना,  
मध्य प्रदेश - 476111

Address:-  
S/O: Pan Singh Sikarwar, advocat colony,  
ambah, morena, ambah, Ambah, Morena,  
Madhya Pradesh - 476111



9816 6279 5694  
VID: 9107 7084 4638 8012





NAME- AVINASH SINGH

DATE- 25/06/2022

AGE- 28/M

**X-RAY CHEST PA**

The Soft Tissues And Bony Thorax Are Normal.

Both The Costophrenic And Cardiophrenic Angles Are Clear.

The Lung Field Are Normal.

Cardiac Shape And Size Appears Normal.

Both The Hila Are Normal In Density And Position.

Both The Domes Of Diaphragm And Mediastinum Are Normal.

**Impression: Normal Chest X-Ray.**



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

**Dr. MRUDULA BABAR**  
**DMRE.CPS Mumbai 2009**  
**(RADIOLOGIST)**  
**Reg. No. 2005/03/2139**

Name : MR AVINASH SINGH	Age/sex: 28 Yrs. /MALE
Ref by: MEDIWHEEL	Date: 25/06/2022

**ULTRASOUND EXAMINATION OF ABDOMEN & PELVIS**

**Findings-**

The Liver is normal in size, shape and mildly raised 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 partially distended. 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, 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 10.0 x 4.5 cm.

Left kidney measures 10.8 x 4.7cm

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.

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

**IMPRESSION :-**

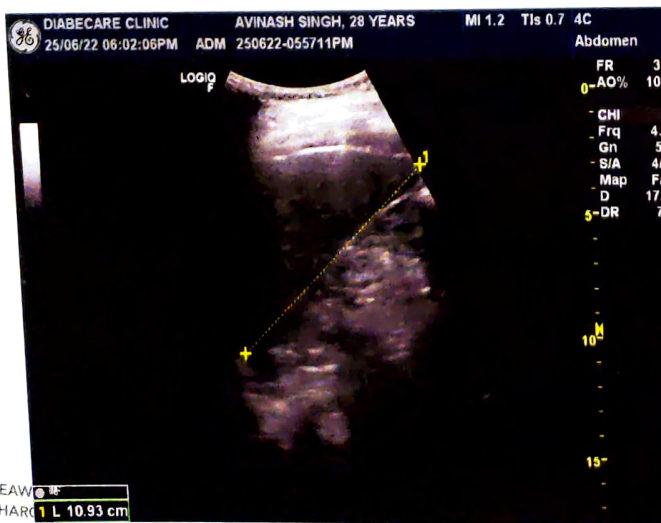
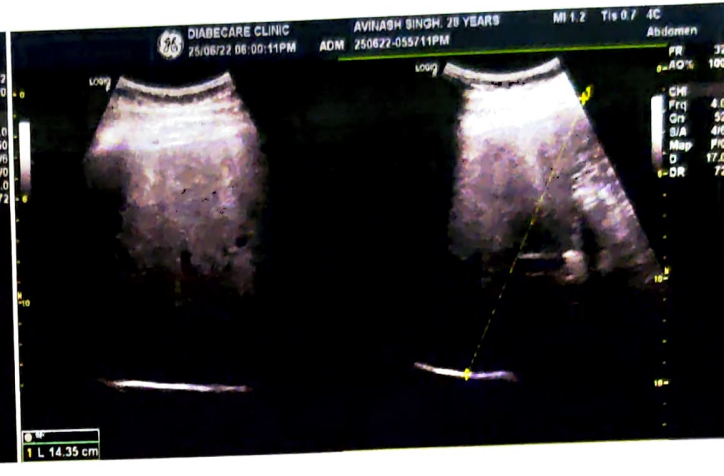
- Grade 1 fatty infiltration of liver .
- Adv : clinical correlation.



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2576/22

Arinash Singh.  
28/M.

Eye check up

	Right Eye	Left Eye
VA Aided	6/6	Aided 6/6
	NG	NG
Color Vn	normal	normal
Ant Segment	normal	normal

—————  
Ogyl

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**ULTRASENSITIVE THYROID STIMULATING HORMONE (TSH)**

Sample Type : Serum

<b>Ultrasensitive Thyroid Stimulative Hormone (TSH)</b> [ CLIA ]	2.14	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

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Test Description	Results	Units	Biological Reference Range
<b><u>FASTING BLOOD SUGAR</u></b>			
Sample Type : Flouride R			
Fasting Blood Sugar [ GOD - POD ]	92.90	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\*\*\*



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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\*\*



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**LIPID PROFILE**

Sample Type : Serum

TOTAL CHOLESTEROL [ CHOD-PAP ]	<b>224.00</b>	mg/dL	Desirable : <200 mg/dl Borderline : 200 - 239mg/dl High : >240 mg/dl
TRIGLYCERIDES [ Glycerol Phosphate Oxidase ]	<b>245.90</b>	mg/dL	Desirable : <150 mg/dl Borderline : 150 - 199mg/dl High : >200mg/dl
HDL CHOLESTEROL [ Direct ]	<b>38.00</b>	mg/dL	Desirable : >40 mg/dl Borderline Risk : 35 mg/dl High Risk : <30 mg/dl
LDL CHOLESTEROL [ Calculated ]	<b>136.82</b>	mg/dL	Desirable : <100 mg/dl Borderline : 130 - 160mg/dl High : >160mg/dl
VLDL Cholesterol [ Calculated ]	<b>49.18</b>	mg/dL	Desirable : <26 mg/dl Borderline : >30 mg/dl
Total Chol / HDL Chol Ratio [ Calculated ]	<b>5.89</b>	mg/dL	Desirable : <5 %
LDL / HDL Ratio [ Calculated ]	<b>3.60</b>		1.00 - 3.55
NON-HDL CHOLESTEROL [ Calculated ]	<b>186</b>	mg/dL	Desirable : <130 mg/dl Borderline : 160 - 189 mg/dl High : >220 mg/dl

**Technique:** Fully Automated Biochemistry Analyser ERBA EM-200.

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

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**URINE ANALYSE REPORT**

Sample Type : Urine

**PHYSICAL EXAMINATION**

COLOUR	Pale Yellow		
APPEARANCE	Clear		
REACTION (PH)	5.0		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\*\***

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**LIVER FUNCTION TEST**

Sample Type : Serum

TOTAL BILIRUBIN [ DIAZO ]	0.66	mg/dl	0.3-1.3 mg/dl
BILIRUBIN-DIRECT [ DIAZO ]	0.28	mg/dl	0.1-0.4 mg/dl
BILLIRUBIN-INDIRECT [ CALCULATED ]	0.38	mg/dl	0.1-0.9 mg/dl
S.G.O.T. (AST) [ IFCC without Pyridoxal Phosphate ]	<b>75.70</b>	IU/L	5-40 IU/L
S.G.P.T.(ALT) [ IFCC without Pyridoxal Phosphate ]	<b>71.10</b>	IU/L	5-40 IU/L
ALKALINE PHOSPHATASE [ Amino Methyl Propanol (AMP) ]	135.00	IU/L	44-147 IU/L
TOTAL PROTEINS [ BIURET ]	8.16	IU/L	6.0 - 8.5g/dL
ALBUMIN [ BROMO CRESOL GREEN (BCG) ]	4.54	g/dl	3.5-5.0 g/dl
GLOBULIN [ CALCULATED ]	4.32	gm%	2.3-3.5 gm%
ALBUMIN/GLOBULIN RATIO [ CALCULATED ]	1.05		
GAMMA GT	<b>52.30</b>	U/L	0 - 45

Technique : Fully Automated Biochemistry Analyser ERBA EM-200

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

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**SR. URIC ACID**

Sample Type : Serum

<b>Uric Acid</b> [ Uricase - POD ]	<b>7.80</b>	mg/dl	3.6 - 7.7
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Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200.

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



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**CREATININE**

Sample Type : Serum

<b>Creatinine</b>	0.71	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\*\*



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**BLOOD UREA LEVEL ( BUL )**

Sample Type : Serum

<b>Urea</b>	20.20	mg/dl	10 - 40
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[ Urease - GLDH ]

<b>Bun</b>	9.43	mg/dl	6 - 21
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[ Calculated ]

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

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**COMPLETE BLOOD COUNT**

Sample Type : EDTA / Whole Blood

Hemoglobin	14.8	g/dl	13.0 - 17.0
RBC COUNT	5.23	Millions/c	4.5 - 5.5
PCV(Hematocrit)	45.0	%	40.0 - 50.0
Mean Cell Volume(MCV)	86.04	fl	80.0 - 100.0
Mean Cell Hemoglobin(MCH)	28.30	pg	27.0 - 33.0
Mean Cell Hb Conc(MCHC)	32.89	g/dl	32 - 36
RDW	14.1	%	11.50 - 14.50
Total Leucocytes (WBC) Count	7420	/cumm	4000-11000

**DIFFERENTIAL COUNT**

Neutrophils	51.0	%	40 - 70
Lymphocytes	34.0	%	20 - 50
Eosionphils	<b>7.7</b>	%	01 - 06
Monocytes	6.3	%	00 - 08
Basophils	1	%	00-01

**SMEAR STUDY**

RBC Morphology	Normocytic Normocromic.		
WBC Morphology	<b>Eosinophilia.</b>		
Platelets On Smear	Adequate on Smear		
Platelet Count	221000	/cumm	150000 - 450000
MPV	<b>11.5</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\*\*

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**ESR**

Sample Type : EDTA / Whole Blood

ESR	10	Mm/hr	0 - 15
Method	Westergren		

\*\*END OF REPORT\*\*



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**TOTAL THYROXINE ( T4 )**

Sample Type : Serum

Total Thyroxine ( T4 ) [ CLIA ]	92.30	ng/ml	52 - 127
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**\*\*END OF REPORT\*\*****Dr. Sudhamani S. MD**  
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**TOTAL TRIIODOTHYRONINE (T3)**

Sample Type : Serum

TotalTriiodothyronine (T3) [ CLIA ]	1.24	ng/dL	0.69 - 2.15
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**\*\*END OF REPORT\*\*****Dr. Sudhamani S. MD**  
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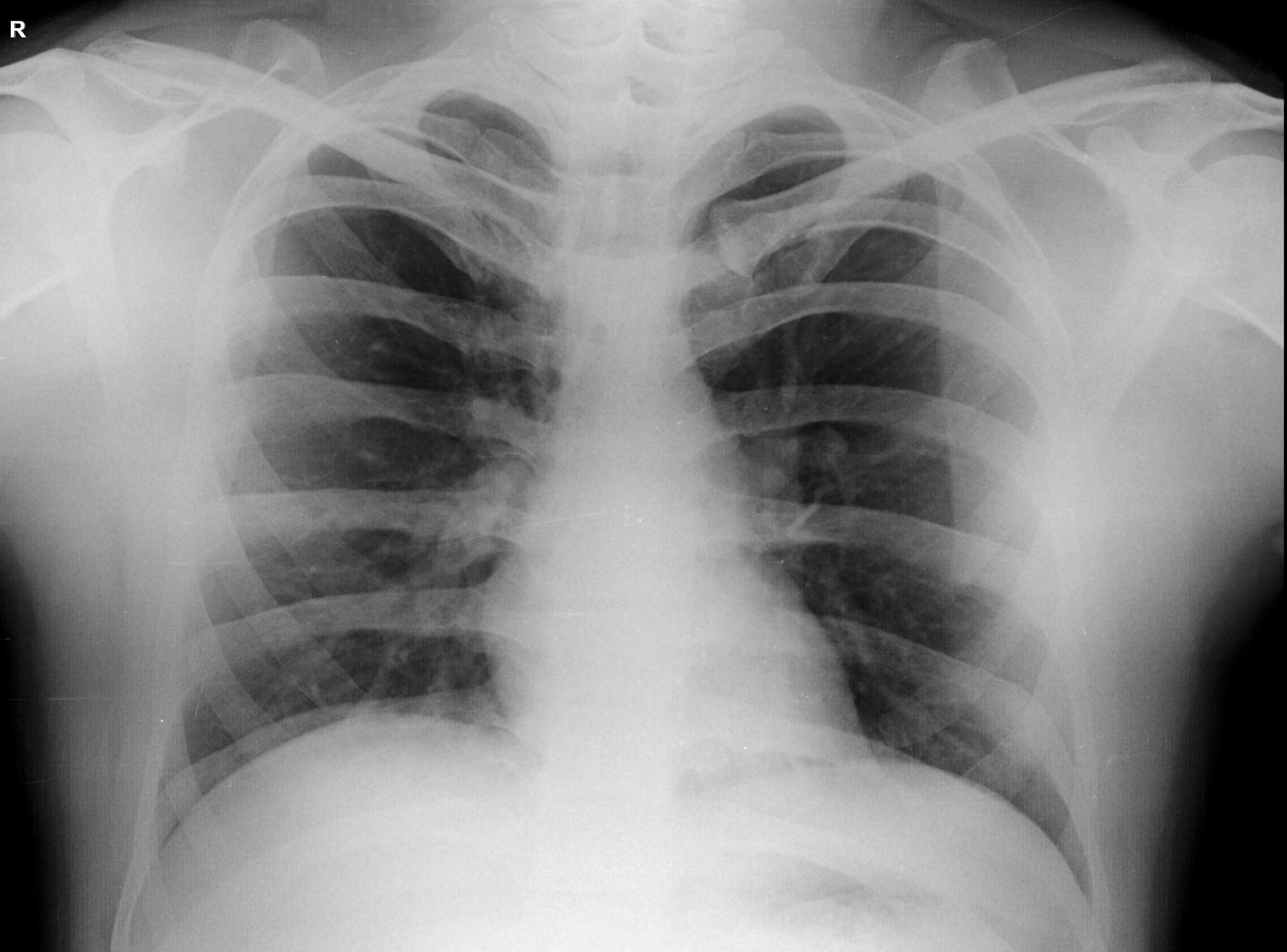
Test Description	Results	Units	Biological Reference Range
<b><u>GLYCOCYLATED HAEMOGLOBIN</u></b>			
Sample Type : EDTA / Whole Blood			
Glycocyalted Haemoglobin (HbA1c) [ Tosoh HPLC ]	5.5	%	<5.7%NON DIABETIC 5.7-6.4% PRE-DIABETIC >6.5% DIABETIC <7.0% GOAL FOR DIABETIC ON TREATMENT
MEAN BLOOD GLUCOSE	111.15	mg/dL	116.89 - 154.2

\*\*END OF REPORT\*\*



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Consultant Pathologist  
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R

**AVINASH SINGH 28YRS      6/25/2022**  
**OLIVE DIAGNOSTIC, SEAWOOD SEC40**