	<u>all ale most :</u>					*Signature of Employee
		*				Jarran
	Any other					
	Tobacco	No				
	Alcohol	Yes	20	grs	Montlely Once	Never
	Smoking	No			•	
history:		Yes/No	Since how long?	~	Quantity/day Frequency	Tried quitting?
Personal	History of Hospitaliza		le details:			
Surgery/ ospitalization	Undergone any surg		Λ	SA		
Details of	Cancer	No				
	ТВ	No				
	Jaundice	No		7.2		•
	CNS/ Psychiatric diseases	No				
	Seizures(Fits)	No			1	
3.	Asthma/COPD	No		1	N	
History:	Thyroid disorder	No				
Past / Family	Heart disease	No				
	Diabetes	No			SE 186	
	Hypertension	No				1
	Pre-existing Conditions/ Diseases	Yes/No	Since how long?	tr	Are you taking eatment? Please give details	Any family members have these?
CLINICAL HIS		,				
Date of birth	: It (SEP/	1984		Δ	Date: 20/00 Marital Status: M	arried
<u>Gender</u> :				1	Date: 20/00	8/22
Age:	37			1	Designation :	
	Sundar Ro	90			<u>Departmen</u> t :	,
					Mobile number:	1095552001
Employee	: ID·		-	· ·		

MEDICAL EXAMINATION FORM

	GENERAL P	HYSICAL EXAMINA	TION	8	.,
Height 119 cms	Weight <u>15.1</u> Kg	Bp 130/70	mmHg <u>63</u>	Pulse_/	min
вмі <u>23-6</u>	Temperature	(Fahrenheit)			*
	SYSTEMIC EX	<u>AMINATION</u>			
Cardiovascular system	O/E did you find no	ormal first and seco	nd heart sounds	and no	
	murmurs?	If 'NO' give detai	ils:		
Respiratory system	O/E did you find no	rmal vesicular brea	nth sounds & no a	added	
	sounds?	. If 'NO' give details			
Abdomen	O/E did you find a s	soft, non-tender abo	domen with no		
	hepato/splenomega	aly? If 'Y	ES' give details :		•
Central nervous system	Cranial nerves : Motor and sensory	:	(N))	***************************************
Dental Examination	Chief Complaint :	9			
	Findings :				
	A & B & B	AAAA	A A A A 21 22 23 24	A A B	4 3
	48 47 46 4 分份后(5 44 43 42 41 1 9 9 9 9	31 32 33 34 8 8 8 8	35 36 37	38 '₩
	Treatment Required : Tooth Cleaning/Scalir Tooth Removal/Extrac Dental Fillings/Restor Orthodontic Treatmer	ng : ction : ations :		* ***	
Eye & Vision test	Withou	t glasses		With glasse	es
	VA DV	NV CV	DV	NV	cv
	Right 6/6	N6 (D)			
	Left 6/6	N6 (D)			
* 1	Any other findings in	the eye:		ž	
ABNORMAL FINDINGS, COMMENTS, & ADVISE BY DOCTOR					
Californ & VP4 & ad Psed.	D3 supplemen	As as	Reg. No., Qualification	y. Meus	/

Name, MMC Reg. No., Qualification & Sign of the medical of the Moorthy, MBS.

Reg. No. 137181

McDALL Scans and Labs Pvt. Ltd.

No.110/111, Burma Colony,

Rajiv Gandhi Salai (OMR),

Perungudi, Chennai - 600 096.

PID No. : ADY309671 **Register On** : 13/08/2022 9:53 AM : 1286220005934 SID No. Collection On : 13/08/2022 10:33 AM

Age / Sex : 37 Year(s) / Male Report On : 14/08/2022 7:46 AM **Type** : OP

Ref. Dr : MediWheel **Printed On** : 22/08/2022 1:24 PM



Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BLOOD GROUPING AND Rh TYPING (EDTA Blood/Agglutination)	'A' 'Positive'		
INTERPRETATION: Reconfirm the Blood group	and Typing before	blood transfusion	
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	12.9	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Derived from Impedance)	38.9	%	42 - 52
RBC Count (EDTA Blood/Impedance Variation)	4.76	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood/Derived from Impedance)	81.6	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Derived from Impedance)	27.1	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/Derived from Impedance)	33.2	g/dL	32 - 36
RDW-CV (EDTA Blood/Derived from Impedance)	13.3	%	11.5 - 16.0
RDW-SD (EDTA Blood/Derived from Impedance)	39.2	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood/Impedance Variation)	6030	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood/Impedance Variation & Flow Cytometry)	63.7	%	40 - 75
Lymphocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	20.2	%	20 - 45
Eosinophils (EDTA Blood/Impedance Variation & Flow	10.4	%	01 - 06



Cytometry)



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The results pertain to sample tested.

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interval
Monocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	5.2	%	01 - 10
Basophils (EDTA Blood/Impedance Variation & Flow Cytometry)	0.5	%	00 - 02
INTERPRETATION: Tests done on Automated	Five Part cell count	ter. All abnormal results a	are reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	3.83	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	1.22	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.63	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.32	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.03	10^3 / μl	< 0.2
Platelet Count (EDTA Blood/Impedance Variation)	236	10^3 / μl	150 - 450
MPV (EDTA Blood/Derived from Impedance)	11.1	fL	7.9 - 13.7
PCT (EDTA Blood/Automated Blood cell Counter)	0.261	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated - Westergren method)	5	mm/hr	< 15
BUN / Creatinine Ratio	10.1		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	86.1	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125

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Diabetic: \geq 126

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<u>Investigation</u>	Observed Unit	<u>Biological</u>
	<u>Value</u>	Reference Interval

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose, Fasting (Urine) (Urine - F/GOD - POD)	Negative	Negative
Glucose Postprandial (PPBS)	102.0 mg/dL	70 - 140

(Plasma - PP/GOD-PAP)

INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Urine Glucose(PP-2 hours) (Urine - PP)	Negative		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	10.5	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	1.03	mg/dL	0.9 - 1.3

INTERPRETATION: Elevated Creatinine values are encountered in increased muscle mass, severe dehydration, Pre-eclampsia, increased ingestion of cooked meat, consuming Protein/ Creatine supplements, Diabetic Ketoacidosis, prolonged fasting, renal dysfunction and drugs such as cefoxitin, cefazolin, ACE inhibitors, angiotensin II receptor antagonists, N-acetylcysteine, chemotherapeutic agent such as flucytosine etc.

etc.			
Uric Acid	6.9	mg/dL	3.5 - 7.2
(Serum/Enzymatic)			

Liver Function Test

Bilirubin(Total) (Serum/DCA with ATCS)	0.91	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.22	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.69	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	20.5	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	18.1	U/L	5 - 41





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Type : OP Printed On : 22/08/2022 1:24 PM

Ref. Dr : MediWheel

Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	15.5	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/ <i>Modified IFCC</i>)	64.1	U/L	53 - 128
Total Protein (Serum/Biuret)	6.94	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.17	gm/dl	3.5 - 5.2
Globulin (Serum/ <i>Derived</i>)	2.77	gm/dL	2.3 - 3.6
A : G RATIO (Serum/ <i>Derived</i>)	1.51		1.1 - 2.2
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	215.7	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	120.2	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the `usual_circulating level of triglycerides during most part of the day.

HDL Cholesterol 42.5 mg/dL Optimal(Negative Risk Factor): >= (Serum/Immunoinhibition) 60

Borderline: 40 - 59 High Risk: < 40





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Type : OP **Printed On** : 22/08/2022 1:24 PM

Report On

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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
LDL Cholesterol (Serum/Calculated)	149.2	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	24	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	173.2	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

INTERPRETATION: 1. Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol. 2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.

Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	5.1		Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0
			High Risk: > 11.0
Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated)	2.8		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	3.5		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/ <i>HPLC</i>)	5.4	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

INTERPRETATION: If Diabetes - Good control: 6.1 - 7.0 %, Fair control: 7.1 - 8.0 %, Poor control >= 8.1 %





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The results pertain to sample tested.

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Lab Address: MEDALL HEALTHCARE PRIVATE LIMITED,#17,RACE VIEW COLONY, 2ND STREET, RACE COURSE ROAD, GUINDY, CHENNAI, TAMIL NADU, INDIA,.

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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Estimated Average Glucose (Whole Blood)	108.28	mg/dL	

INTERPRETATION: Comments

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency,

hypertriglyceridemia, hyperbilirubinemia, Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbAlC values.

Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly, Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total	0.83	ng/ml	0.7 - 2.04
(6/61 '1 ' / 1			

(Serum/Chemiluminescent Immunometric Assay (CLIA))

INTERPRETATION:

Comment:

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.

T4 (Tyroxine) - Total 7.09 $\mu g/dl$ 4.2 - 12.0

(Serum/Chemiluminescent Immunometric Assay

(CLIA))

INTERPRETATION:

Comment:

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

TSH (Thyroid Stimulating Hormone) 1.12 µIU/mL 0.35 - 5.50

(Serum/Chemiluminescent Immunometric Assay

(CLIA))

INTERPRETATION:

Reference range for cord blood - upto 20

1 st trimester: 0.1-2.5 2 nd trimester 0.2-3.0 3 rd trimester : 0.3-3.0

(Indian Thyroid Society Guidelines)

Comment:

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI.

2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM. The variation can be of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.

3. Values&lt 0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.



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: OP

Type

Investigation Urine Analysis - Routine	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
COLOUR (Urine)	Pale yellow		Yellow to Amber
APPEARANCE (Urine)	Clear		Clear
Protein (Urine/Protein error of indicator)	Negative		Negative
Glucose (Urine/GOD - POD)	Negative		Negative
Pus Cells (Urine/Automated Flow cytometry)	1 - 2	/hpf	NIL
Epithelial Cells (Urine/Automated Flow cytometry)	1 - 2	/hpf	NIL
RBCs (Urine/Automated Flow cytometry)	NIL	/hpf	NIL
Casts (Urine/Automated Flow cytometry)	NIL	/hpf	NIL
Crystals (Urine/Automated Flow cytometry)	NIL	/hpf	NIL
Others (Urine)	NIL		

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INTERPRETATION: Note: Done with Automated Urine Analyser & Automated urine sedimentation analyser. All abnormal reports are reviewed and confirmed microscopically.





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-- End of Report --

Name	MR.SUNDARRAJ D	ID	ADY309671
Age & Gender	37Y/MALE	Visit Date	13 Aug 2022
Ref Doctor Name	MediWheel	-	

SONOGRAM REPORT

WHOLE ABDOMEN

The liver is normal in size and shows fatty changes with no focal abnormality.

The gall bladder is normal sized and smooth walled and contains no calculus.

There is no intra or extra hepatic biliary ductal dilatation.

The pancreas shows a normal configuration and echotexture.

The pancreatic duct is normal.

The portal vein and IVC are normal.

The spleen is normal and measures 10.0 cms.

There is no free or loculated peritoneal fluid.

No para aortic lymphadenopathy is seen.

No abnormality is seen in the region of the adrenal glands.

The right kidney measures 10.6 x 4.3 cms.

The left kidney measures 9.2 x 4.7 cms.

Both kidneys are normal in size, shape and position. Cortical echoes are

normal bilaterally.

There is no calculus or calyceal dilatation.

The ureters are not dilated.

The bladder is smooth walled and uniformly transonic. There is no intravesical mass

or calculus.

Name	MR.SUNDARRAJ D	ID	ADY309671
Age & Gender	37Y/MALE	Visit Date	13 Aug 2022
Ref Doctor Name	MediWheel	_	

The prostate measures 3.0 x 3.0 x 3.1 cms and is normal sized with a volume of 15 cc.

The echotexture is homogeneous.

The seminal vesicles are normal.

Iliac fossae are normal.

No mass or fluid collection is seen in the right iliac fossa. The appendix is not visualized.

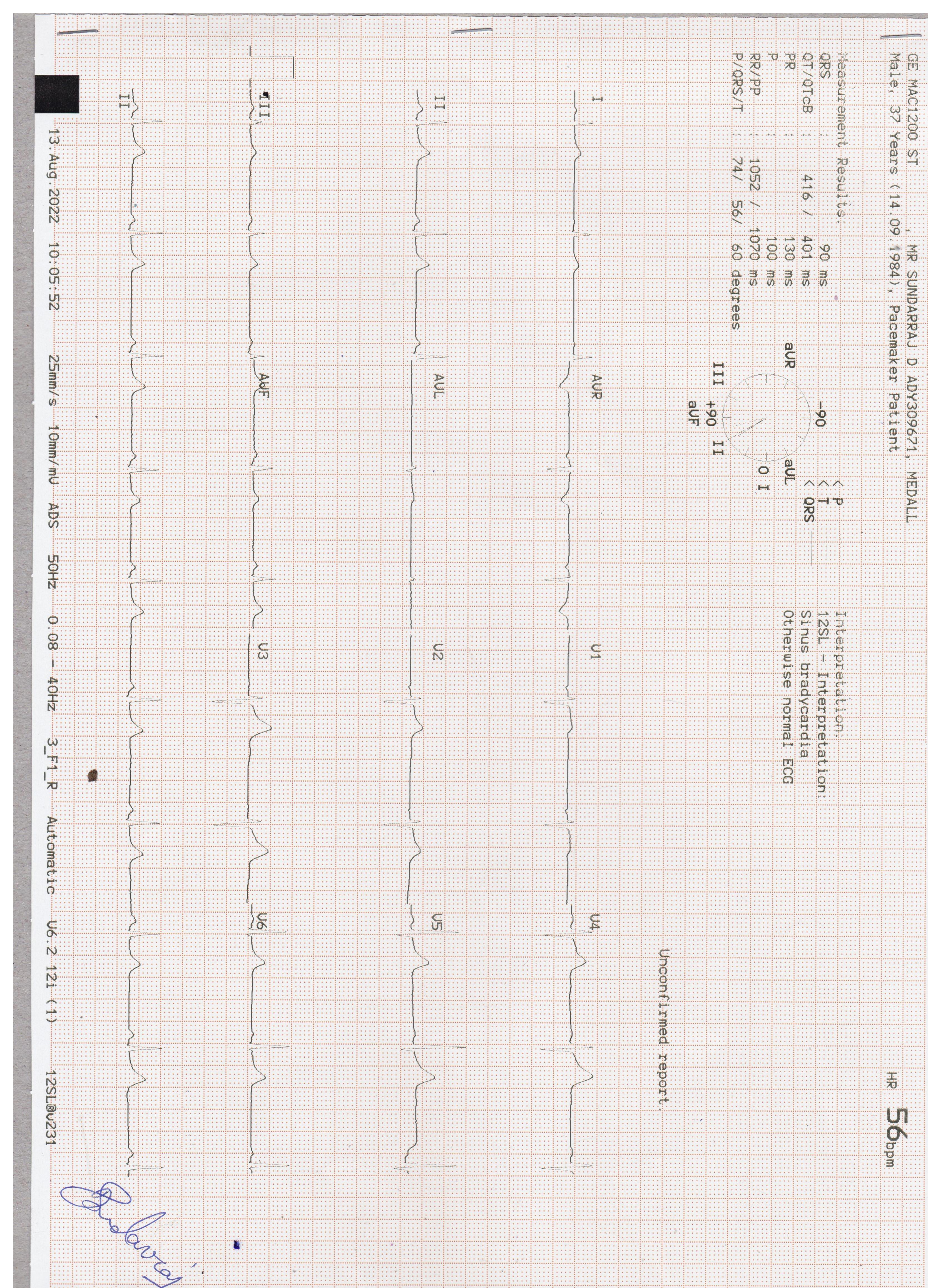
<u>IMPRESSION</u>:

• Fatty liver

(for further evaluation)

DR. ANITHA PARAMASIVAN

(Consultant Sonologist)





Name	SUNDARRAJ D	ID	ADY309671
Age & Gender	37Y/M	Visit Date	Aug 13 2022 9:52AM
Ref Doctor	MediWheel		

X - RAY CHEST PA VIEW

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral hilar regions appear normal.

The CP angles are not included in the study and cannot be commented upon.

Bilateral domes of diaphragm are normal.

Visualised bones and soft tissues appear normal.

Dr. Rama Krishnan. MD, DNB., Consultant Radiologist. Medall Healthcare Pvt Ltd.