

Claret Palayil
35 yrs / Female

19/02/2024

No fresh complaints

No comorbidities.

No PIH.

No SH.

LMP - 28/01/24, regular

OH - G, P, A, L, D

G₁ - Male, 5yrs, LSCS, healthy

FIH - Mother - DM

father - healthy

Height - 154 cm

Weight - 63 kg

BMI - 29.1 kg/m²

(overweight)

BP - 110/80 mmHg

P - 80/min

SpO₂ - 99%

pt is fit and can resume
her normal duties



HELPLINE
022 - 2588 3531

S-1, Vedant Complex,
Vartak Nagar, Thane (W) 400 606

www.siddhivinayakhospitals.org



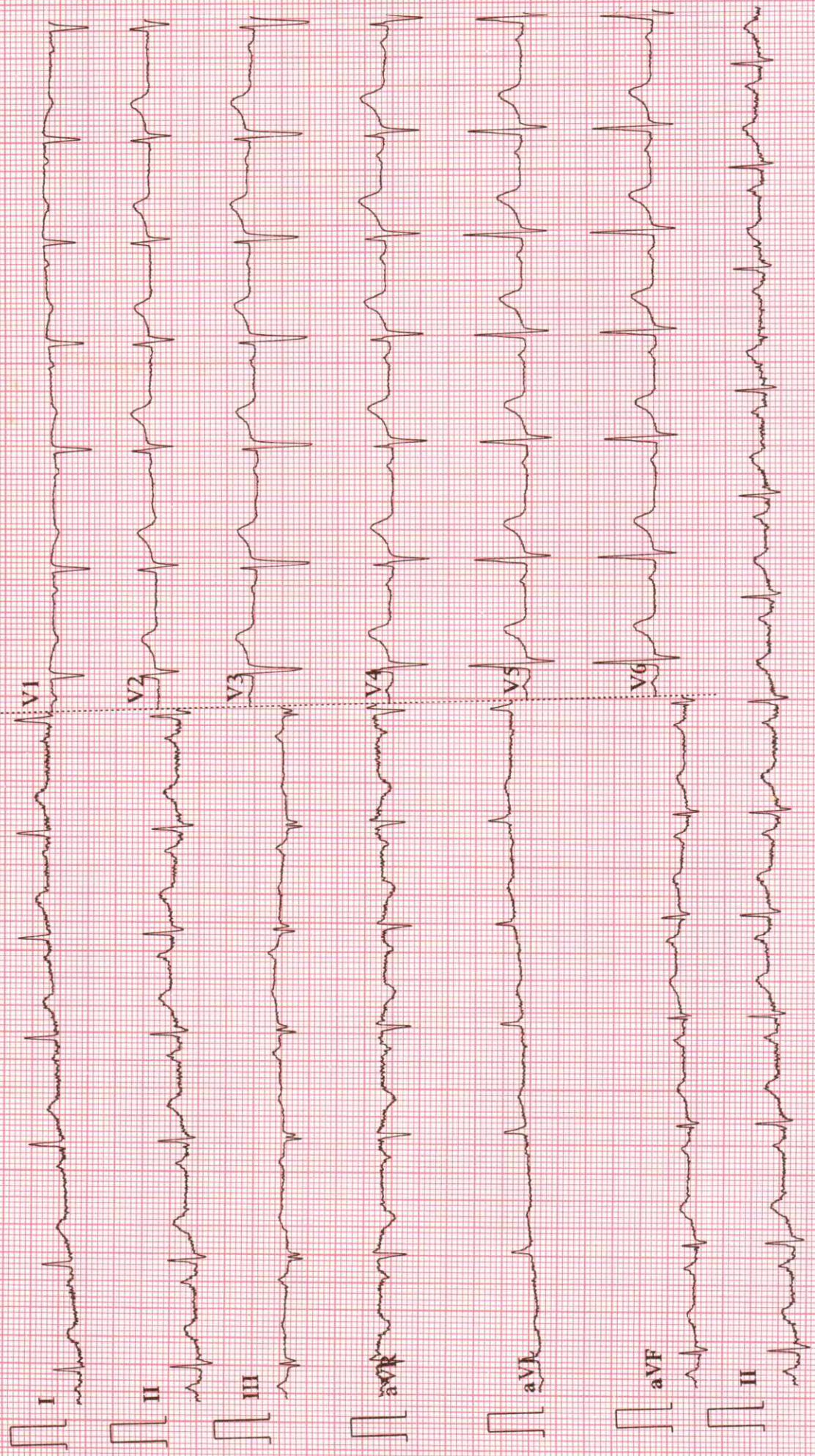
Name claret palayil.
 Female -
 Years
 Req. No. :
 BP - 110/80mmhg
 sPO2 - 99%
 P - 80%.

Diagnosis Information:
 Sinus Arrhythmia
 QS Wave in lead V1

(Handwritten circled text)
 NNT

HR : 79 bpm
 P : 99 ms
 PR : 172 ms
 QRS : 88 ms
 QT/QTcBz : 392/450 ms
 P/QRS/T : 66/1/50 °
 RV5SV1 : 0.961/0.620 mV

Report Confirmed by:



OPHTHAL CHECK UP SCREENING

NAME OF EMPLOYEE

CLARET PALAYIL

AGE

35

DATE -

19.02.2024

Specks : Without Glasses

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

SIDDHIVINAYAK HOSPITALS



Name - Mrs. Claret Palayil	Age - 35 Y/F
Ref by Dr.- Siddhivinayak Hospital	Date - 19/02/2024

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. AMOL BENDRE
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.





2D ECHOCARDIOGRAM & COLOUR DOPPLER REPORT

NAME	: MRS.CLARET PALAYIL
AGE	: 35 YR/F
DATE OF EXAMINATION	: 19/02/2024
REF BY	: SIDDHIVINAYAK HOPSITAL
ECHOCARDIOGRAM DONE BY	: DR.SANDIP FULPAGARE


Mitral Valve	:	Normal.	
Aortic Valve	:	Normal.	
Pulmonary Valve	:	Normal.	
Tricuspid Valve	:	Normal.	
Interatrial septum	:	Intact.	
Interventricular septum	:	Intact.	
RA	:	Normal	
RV	:	Normal	
LA	:	3.7cm	
LV	:	Normal, No RWMA.	
LV Dimensions			
LVID (d): 4.7 cm		LVID (s):2.7 cm	LVEF: 60%
IVS (d): 1.0 cm		LVPW (d):1.0cm	
Aorta		2.7cm	
Pericardium	:	Normal.	
IVC / Other findings			

DOPPLER MEASUREMENTS:-

MV: E = 0.4, A= 0.7, DT = 160 ms.
Aortic flow velocity = 1.2 m/s.
Pulmonary flow velocity = 0.7 m/s.
MR: Nil, AR: Nil, TR: Nil, PR: Nil

IMPRESSION:-

Normal Sized cardiac chambers.
No RWMA, Good LV Systolic Function. (LVEF- 60 %)
Normal Valves.
RA/ RV Normal, Good RV systolic function.
No pericardial effusion/ Clot.


DR. SANDIP FULPAGARE,
MD (MEDICINE), DNB (CARDIOLOGY).FESC.





Name - Mrs. Clarat Palayil	Age - 35 Y/F
Ref by Dr.- Siddhivinayak Hospital	Date - 19/02/2024

USG ABDOMEN & PELVIS

FINDINGS:

The **liver** dimension is normal in size(15.1 cm). It appears normal in morphology with raised echogenicity. No evidence of intrahepatic ductal dilatation.

The **GB-gallbladder** is distended and shows single GB calculus of size 15.6 mm.

The **CBD-** common bile duct is normal. The portal vein is normal.

The **pancreas** appears normal in morphology.

The **spleen** is normal in size 9.9 cm and morphology

Both **kidneys** demonstrate normal morphology. Both kidneys show normal cortical echogenicity.

The right kidney measures 10.1 x 4.6cm.

The left kidney measures 10.3x5.0 cm.

Urinary bladder: normally distended. Wall thickness - normal.

Uterus : normal in size and morphology. Size: 8 x 4.3 x 5.8 cm.

Endometrium: 10.0 mm, it appears normal in morphology.

Right ovary is normal in size and morphology.

Left ovary is normal in size and morphology.

Adnexa appear normal

No free fluid is seen.

IMPRESSION:

- Fatty Liver (Grade I).
- Single GB calculus.

DR. AMOL BENDRE
MBBS; DMRE
CONSULTANT RADIOLOGIST





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Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS Report Status : FINAL



***LIPID PROFILE**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
TOTAL CHOLESTEROL (CHOLESTEROL OXIDASE, ESTERASE, PEROXIDASE)	199.0	mg/dL	Desirable blood cholesterol: - <200 mg/dl. Borderline high blood cholesterol: - 200 - 239 mg/dl. High blood cholesterol: - >239 mg/dl.
S.HDL CHOLESTEROL (DIRECT MEASURE - PEG)	48.9	mg/dL	Major risk factor for heart : <30 mg/dl. Negative risk factor for heart disease : >=80 mg/dl.
S. TRIGLYCERIDE (ENZYMATIC, END POINT)	79.2	mg/dL	Desirable level : <161 mg/dl. High : >= 161 - 199 mg/dl. Borderline High : 200 - 499 mg/dl. Very high : >499mg/dl.
VLDL CHOLESTEROL (CALCULATED VALUE)	16	mg/dL	UPTO 40
S.LDL CHOLESTEROL (CALCULATED VALUE)	134	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.
LDL CHOL/HDL RATIO (CALCULATED VALUE)	2.74		UPTO 3.5
CHOL/HDL CHOL RATIO (CALCULATED VALUE)	4.07		<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
Priyanka_Deshmukh

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





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COMPLETE BLOOD COUNT

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
HEMOGLOBIN	11.1	gm/dl	12.0 - 15.0
HEMATOCRIT (PCV)	33.3	%	36 - 46
RBC COUNT	4.39	x10 ⁶ /uL	4.5 - 5.5
MCV	76	fl	80 - 96
MCH	25.3	pg	27 - 33
MCHC	33	g/dl	33 - 36
RDW-CV	15.8	%	11.5 - 14.5
TOTAL LEUCOCYTE COUNT	10120	/cumm	4000 - 11000
<u>DIFFERENTIAL COUNT</u>			
NEUTROPHILS	62	%	40 - 80
LYMPHOCYTES	25	%	20 - 40
EOSINOPHILS	03	%	0 - 6
MONOCYTES	10	%	2 - 10
BASOPHILS	00	%	0 - 1
PLATELET COUNT	378000	/cumm	150000 - 450000
MPV	9.3	fl	6.5 - 11.5
PDW	15.7	%	9.0 - 17.0
PCT	0.350	%	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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Pathologist

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URINE ROUTINE EXAMINATION

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>URINE ROUTINE EXAMINATION</u>			
<u>PHYSICAL EXAMINATION</u>			
VOLUME	20ml		
COLOUR	Pale Yellow		Pale Yellow
APPEARANCE	Clear		Clear
<u>CHEMICAL EXAMINATION</u>			
REACTION (methyl red and Bromothymol blue indicator)	Acidic		Acidic
SP. GRAVITY (Bromothymol blue indicator)	1.005		1.005 - 1.022
PROTEIN (Protein error of PH indicator)	Absent		Absent
BLOOD (Peroxidase Method)	Absent		Absent
SUGAR (GOD/POD)	Absent		Absent
KETONES (Acetoacetic acid)	Absent		Absent
BILE SALT & PIGMENT (Diazonium Salt)	Absent		Absent
UROBILINOGEN (Red azodye)	Normal		Normal
LEUKOCYTES (pyrrole amino acid ester diazonium salt)	Absent		Absent
NITRITE (Diazonium compound With tetrahydrobenzo quinolin 3-phenol)	Absent		Negative
<u>MICROSCOPIC EXAMINATION</u>			
RED BLOOD CELLS	Absent		Absent
PUS CELLS	0-3	/ HPF	0 - 5
EPITHELIAL	1-2	/ 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		Absent

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

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

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

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IMMUNO ASSAY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>TFT (THYROID FUNCTION TEST)</u>			
SPACE		Space	-
SPECIMEN	Serum		
T3	119.4	ng/dl	84.63 - 201.8
T4	7.34	µg/dl	5.13 - 14.06
TSH	1.67	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			

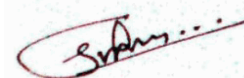
INTERPRETATION :

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
BLOOD GROUP			
SPECIMEN	WHOLE BLOOD EDTA & SERUM		
* ABO GROUP	'O'		
RH FACTOR	NEGATIVE		
Method: Slide Agglutination and Tube Method (Forward grouping & Reverse grouping)			
Result relates to sample tested, Kindly correlate with clinical findings.			
----- END OF REPORT -----			

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pooja_jadhav

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***RENAL FUNCTION TEST**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
BLOOD UREA (Urease UV GLDH Kinetic)	21.2	mg/dL	13 - 40
BLOOD UREA NITROGEN (Calculated)	9.91	mg/dL	5 - 20
S. CREATININE (Enzymatic)	0.80	mg/dL	0.6 - 1.4
S. URIC ACID (Uricase)	5.8	mg/dL	2.6 - 6.0
S. SODIUM (ISE Direct Method)	139.6	mEq/L	137 - 145
S. POTASSIUM (ISE Direct Method)	4.21	mEq/L	3.5 - 5.1
S. CHLORIDE (ISE Direct Method)	102.3	mEq/L	98 - 110
S. PHOSPHORUS (Ammonium Molybdate)	4.2	mg/dL	2.5 - 4.5
S. CALCIUM (Arsenazo III)	8.7	mg/dL	8.6 - 10.2
PROTEIN (Biuret)	6.73	g/dl	6.4 - 8.3
S. ALBUMIN (BGC)	4.05	g/dl	3.2 - 4.6
S.GLOBULIN (Calculated)	2.68	g/dl	1.9 - 3.5
A/G RATIO calculated	1.51		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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* 1 8 4 1 9 6 *

Peripheral smear examination

TEST NAME	RESULTS
SPECIMEN RECEIVED	Whole Blood EDTA.
RBC	Normocytic Normochromic.
WBC	Total leukocytes count is normal on smear.
	NEUTROPHILS :62%
	LYMPHOCYTES :25%
	EOSINOPHILS :03%
	MONOCYTES :10%
	BASOPHILS :00%
PLATELET	Adequate on smear.
HEMOPARASITE	No Parasites seen.

Result relates to sample tested, Kindly correlate with clinical findings.
----- END OF REPORT -----

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Pathologist

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LIVER FUNCTION TEST

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
TOTAL BILLIRUBIN (Method-Diazo)	1.05	mg/dL	0.2 - 1.2
DIRECT BILLIRUBIN (Method-Diazo)	0.47	mg/dL	0.0 - 0.4
INDIRECT BILLIRUBIN Calculated	0.58	mg/dL	0 - 0.8
SGOT(AST) (UV without PSP)	18.6	U/L	0 - 37
SGPT(ALT) UV Kinetic Without PLP (P-L-P)	26.8	U/L	UP to 40
ALKALINE PHOSPHATASE (Method-ALP-AMP)	83.0	U/L	42 - 98
S. PROTIEN (Method-Biuret)	6.73	g/dl	6.4 - 8.3
S. ALBUMIN (Method-BCG)	4.05	g/dl	3.5 - 5.2
S. GLOBULIN Calculated	2.68	g/dl	1.90 - 3.50
A/G RATIO Calculated	1.51		0 - 2

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

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

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* 1 8 4 1 9 6 *

HAEMATOLOGY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
ESR			
ESR	32	mm/1hr.	0 - 20

METHOD - WESTERGREN

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

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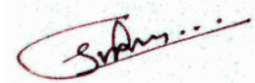
BIOCHEMISTRY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>GLYCOCELATED HEMOGLOBIN (HBA1C)</u>			
HBA1C (GLYCOSALATED HAEMOGLOBIN)	6.0	%	Hb A1c > 8 Action suggested < 7 Goal < 6 Non - diabetic level
AVERAGE BLOOD GLUCOSE (A. B. G.)	126.0	mg/dL	65.1 - 136.3
METHOD Particle Enhanced Immunoturbidimetry			
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.			
<u>BLOOD GLUCOSE FASTING & PP</u>			
BLOOD GLUCOSE FASTING	108.7	mg/dL	70 - 110
BLOOD GLUCOSE PP	106.1	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 speciman. Last dinner should consist of bland diet.
2. Don't take insulin or oral hypoglycemic agent until after fasting blood sample has been drawn

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BIOCHEMISTRY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
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INTERPRETATION

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

POSTPRANDIAL/POST GLUCOSE (75 grams)

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

CRITERIA FOR DIAGNOSIS OF DIABETES MELLITUS

- Fasting plasma glucose ≥ 126 mg/dl
- Classical symptoms + Random plasma glucose ≥ 200 mg/dl
- Plasma glucose ≥ 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.

GAMMA GT 23.3 U/L 5 - 55

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

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