

22/7/2023

Mr. Dinesh Vkey
40/M.

K1C10 HTN ∴ 3 to 4 yr.

Family H/O. Mother suffering
from HTN.

H/O. Dental carries.

S.p-140/80
P-88/min

no any allergy to
any medicine.

ECG - shows - incomplete
RBBB.

2D Echo - Hypertensive
Heart
disease

ADV
Blood investⁿ
- - reported
- CXR.

Pt fit & resume his
normal
duties.



HELPLINE

022 - 2588 3531

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

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Siddhivinayak Hospital

Imaging Department

Sonography | Colour Doppler | 3D / 4D USG

HELPLINE

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ECHOCARDIOGRAM

NAME	MR. DINESH UKEY
AGE/SEX	40 YRS/M
DATE OF EXAMINATION	22/07/2023
REFERRED BY	SIDDHIVINAYAK HOSPITAL
DOCTOR	*DR. ANANT MUNDE (CARDIOLOGIST)

2D/M-MODE ECHOCARDIOGRAPHY

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

MEASUREMENTS:

PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE
Aortic annulus	22 mm	Left atrium	32 mm	Right atrium	mm
Aortic sinus	mm	LVIDd	40.2 mm	RVd (Base)	mm
Sino-tubular junction	mm	LVIDs	24.5 mm	RVEF	%
Ascending aorta	mm	IVSd	11.3 mm	TAPSE	mm
Arch of aorta	mm	LVPWd	10.1 mm	MPA	mm
Desc. thoracic aorta	mm	LVEF	70 %	RVOT	mm
Abdominal aorta	mm	LVOT	mm	IVC	14 mm



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COMPANY NAME : -	<u>SR. NO.</u>
TYPE OF MEDICAL AHC	51

Name Of Employee	DINESH UKEY	Exam Dt.	22.07.2023
Designation :-	-	AGE :-	40
Department :-	-		
Date Of Birth :-	-		
On Roll / Contractor :-	-		

Present Complaint :-	NAD
Addiction :-	NIL
Employee Family / Past History :-	NAD

EMPLOYEE PHYSICAL EXAMINATION :-

Height (cms) :	163	Weight :	76	BMI :	28.60
Skin :-	NAD	Pallor :-	ABSENT	Ear :-	NAD
		Nose - Tonsils :-	NAD		

CARDIOVASCULAR SYSTEM

Pulse :-	88	BP :-	140/80	Heart Sound :	Normal
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REAPIRATORY SYSTEM

Trachea: Normal	RR :-	19	RS :-	NAD
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ALIMENTARY SYSTEM

Liver - Normal	Kidney - Normal
Spleen - Normal	Hernia - Hydrocele - NO

Central Nervous System

X-Ray :-	NORMAL
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ECG :-	SINUS TACHYCAEDIA	Dental	Checkup : No obvious problem seen
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PFT :-	NA
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AUDIOMETRY

	30	100	2000	4000	6000	8000
RT EAR :-	-	-	-	-	-	-
LT EAR :-	-	-	-	-	-	-

Audiometry Remark :-	NA
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ADVICE :	CONTROL HTN
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REMARK -	
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FIT FOR JOB :-	Employee is free from any infectious contagious & communicable diseases
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Name - Mr. Dinesh Ukey	Age 40 Y/M
Ref by Dr.- Siddhivinayak Hospital	Date - 22/07/2023

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.



ID: 1408

22-07-2023 11:45:39 AM

Male Years
Req. No. :

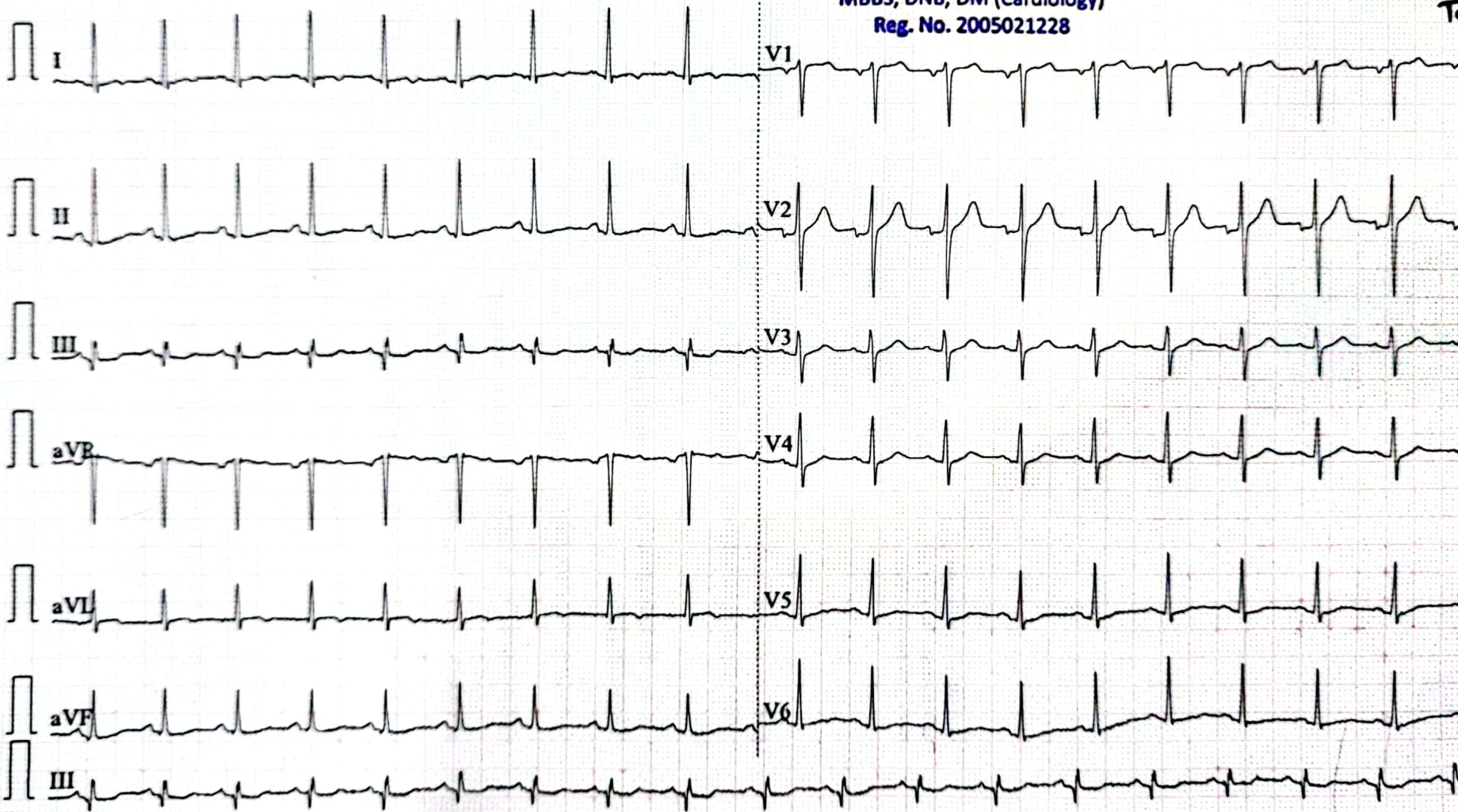
HR : 112 bpm
P : 85 ms
PR : 124 ms
QRS : 68 ms
QT/QTcBz : 295/403 ms
P:QRS:T : 72/29/55 °
RV5/SV1 : 0.952/0.955 mV

Diagnosis Information:

Sinus Tachycardia
Largd PtV1
Low T Wave(I,II,aVL,aVF,V5,V6)

Sinus Tachycardia
No-significant ST-T
changes
Adv-2D ECHO
Test.

Report Confirmed by:
Dr. Anant Ramkishanrao Munde
MBBS, DNB, DM (Cardiology)
Reg. No. 2005021228



0.25-35Hz AC50 25mm/s 10mm/mV 2*5.0s+1r V2.21 SEMIP V1.92 Siddhivinayak Hospital



Name - Mr. Dinesh Ukey	Age - 40 Y/M
Ref by Dr.- Siddhivinayak Hospital	Date 22/07/2023

USG ABDOMEN & PELVIS

Clinical details: - Routine

The Liver is normal in size and raised normal 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 10.0 x 4.9cm & appears normal in shape and position. There is no evidence of hydronephrosis or any calculi seen. Cortico-medullary differentiation is maintained.

Left Kidney measures 11.1 x 4.6 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 (8.6cm) 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 measures 12cc. The echotexture pattern is normal. There is no obvious focal lesion seen.

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

Umbilical Hernia Measuring 9.7mm with Omental Fat Herniation.

IMPRESSION:

- Mild Hepatomegaly.
- Small umbilical hernia.

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.





MC-4661

Name : Mr. DINESH UKEY
Lab ID. : 160589
Age/Sex : 40 Years /Male
Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS

Collected On : 22-Jul-2023 11:11 AM
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***LIPID PROFILE**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
TOTAL CHOLESTEROL (CHOLESTEROL OXIDASE, ESTERASE, PEROXIDASE)	145.0	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)	35.6	mg/dL	Major risk factor for heart : <30 mg/dl. Negative risk factor for heart disease: >=80 mg/dl.
S. TRIGLYCERIDE (ENZYMATIC, END POINT)	60.7	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)	12	mg/dL	UPTO 40
S.LDL CHOLESTEROL (CALCULATED VALUE)	97	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)	2.72		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
SHAISTA Q

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	11.9	gm/dl	13 - 18
HEMATOCRIT (PCV)	35.7	%	42 - 52
RBC COUNT	4.50	x10 ⁶ /uL	4.70 - 6.50
MCV	79	fl	80 - 96
MCH	26.4	pg	27 - 33
MCHC	33	g/dl	33 - 36
RDW-CV	16.5	%	11.5 - 14.5
TOTAL LEUCOCYTE COUNT	7700	/cumm	4000 - 11000
<u>DIFFERENTIAL COUNT</u>			
NEUTROPHILS	57	%	40 - 80
LYMPHOCYTES	29	%	20 - 40
EOSINOPHILS	06	%	0 - 6
MONOCYTES	08	%	2 - 10
BASOPHILS	00	%	0 - 1
PLATELET COUNT	522000	/cumm	150000 - 450000
MPV	8.4	fl	6.5 - 11.5
PDW	15.5	%	9.0 - 17.0
PCT	0.440	%	0.200 - 0.500
RBC MORPHOLOGY	Normocytic Normochromic		
WBC MORPHOLOGY	Normal		
PLATELETS ON SMEAR	Increased		

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
ESR	35	mm/1hr.	0 - 20

METHOD - WESTERGREIN

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URINE ROUTINE EXAMINATION

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>URINE ROUTINE EXAMINATION</u>			
<u>PHYSICAL EXAMINATION</u>			
VOLUME	20 ml		
COLOUR	Pale Yellow		
APPEARANCE	Clear		
<u>CHEMICAL EXAMINATION</u>			
REACTION (methyl red and Bromothymol blue indicator)	Acidic		Acidic
SP. GRAVITY (Bromothymol blue indicator)	1.010		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)	Absent		Normal
LEUKOCYTES (pyrrole amino acid ester diazonium salt)	Absent		
NITRITE (Diazonium compound With tetrahydrobenzo quinolin 3-phenol)	Absent		
<u>MICROSCOPIC EXAMINATION</u>			
RED BLOOD CELLS	Absent		

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URINE ROUTINE EXAMINATION

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
PUS CELLS	1-2	/ HPF	0 - 5
EPITHELIAL	1-2	/ HPF	0 - 5
CASTS	Absent		
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
<u>TFT (THYROID FUNCTION TEST)</u>			
SPACE		Space	-
SPECIMEN	Serum		
T3	166.3	ng/dl	84.63 - 201.8
T4	10.31	µg/dl	5.13 - 14.06
TSH	3.81	µIU/ml	0.270 - 4.20
T3 (Triiodo Thyronine) hormone)	T4 (Thyroxine)	TSH(Thyroid stimulating	
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.

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HAEMATOLOGY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>BLOOD GROUP</u>			
SPECIMEN	WHOLE BLOOD		
* ABO GROUP	'B'		
RH FACTOR	POSITIVE		
Method: Slide Agglutination and Tube Method (forward grouping)			
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***BIOCHEMISTRY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
BLOOD UREA (Urease UV GLDH Kinetic)	19.8	mg/dL	19 - 45
BLOOD UREA NITROGEN (Calculated)	9.25	mg/dL	5 - 20
S. CREATININE (Enzymatic)	0.76	mg/dL	0.6 - 1.4
S. URIC ACID (Uricase)	5.90	mg/dL	3.5 - 7.2
S. SODIUM (ISE Direct Method)	142.7	mEq/L	137 - 145
S. POTASSIUM (ISE Direct Method)	4.47	mEq/L	3.5 - 5.1
S. CHLORIDE (ISE Direct Method)	106.1	mEq/L	98 - 110
S. PHOSPHORUS (Ammonium Molybdate)	2.76	mg/dL	2.5 - 4.5
S. CALCIUM (Arsenazo III)	9.8	mg/dL	8.6 - 10.2
PROTEIN (Biuret)	7.33	g/dl	6.4 - 8.3
S. ALBUMIN (BGC)	4.09	g/dl	3.2 - 4.6
S.GLOBULIN (Calculated)	3.24	g/dl	1.9 - 3.5
A/G RATIO (Calculated)	1.26		0 - 2

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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:07 %
	Eosinophils:06 %
	Basophils:00 %
PLATELET	Increased 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
TOTAL BILLIRUBIN (Method-Diazo)	0.49	mg/dL	0.0 - 2.0
DIRECT BILLIRUBIN (Method-Diazo)	0.21	mg/dL	0.0 - 0.4
INDIRECT BILLIRUBIN Calculated	0.28	mg/dL	0 - 0.8
SGOT(AST) (UV without PSP)	22.5	U/L	0 - 37
SGPT(ALT) UV Kinetic Without PLP (P-L-P)	35.3	U/L	UP to 40
ALKALINE PHOSPHATASE (Method-ALP-AMP)	76.0	U/L	53 - 128
S. PROTIEN (Method-Biuret)	7.33	g/dl	6.4 - 8.3
S. ALBUMIN (Method-BCG)	4.09	g/dl	3.5 - 5.2
S. GLOBULIN Calculated	3.24	g/dl	1.90 - 3.50
A/G RATIO Calculated	1.26		0 - 2

METHOD - EM200 Fully Automatic

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

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BIOCHEMISTRY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
GAMMA GT	31.6	U/L	13 - 109
<u>BLOOD GLUCOSE FASTING & PP</u>			
BLOOD GLUCOSE FASTING	86.9	mg/dL	70 - 110
BLOOD GLUCOSE PP	102.7	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 : ≥ 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.

GLYCOCELATED HEMOGLOBIN (HBA1C)

HBA1C (GLYCOSALATED HAEMOGLOBIN)	5.6	%	Hb A1c > 8 Action suggested < 7 Goal < 6 Non - diabetic level
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BIOCHEMISTRY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
AVERAGE BLOOD GLUCOSE (A. B. G.)	114.0	mg/dL	NON - DIABETIC : <=5.6 PRE - DIABETIC : 5.7 - 6.4 DIABETIC : >6.5

METHOD Particle Enhanced Immunospectrometry
 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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