

Patient Name: MR KAMLESH VARMA

: MEDIWHEEL

Age/Gender : 39 Yrs/Male

Ref. Dr.

SCD23/5350

Report Date : 08/11/2023



HAEMATOLOGY REPORT

Test Description	Result	Unit	Biological Reference Ranges
HBA1C/GLYCOCYLATED			
HbA1c Glycosilated Haemoglobin Method: HPLC, NGSP certified	5.0	%	
Estimated Average Glucose :	97	mg/dL	

As per American Diabetes A	ssociation (ADA)
Reference Group	HbA1c in %
Non diabetic adults >=18 years	<5.7
At risk (Prediabetes)	5.7 - 6.4
Diagnosing Diabetes	>= 6.5
Therapeutic goals for glycemic control	Age > 19 years Goal of therapy: < 7.0 Action suggested: > 8.0 Age < 19 years Goal of therapy: <7.5

ADA criteria for correlation			
HbA1c(%)	Mean Plasma Glucose (mg/dL)		
6	126		
7	154		
8	183		
9	212		
10	240		
11	269		
12	298		

Note:1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled . 2. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal of < 7.0 % may not be appropriate.

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.

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BIOCHEMISTRY REPORT

Test Description	Result	Unit	Biological Reference Ranges
LIPID PROFILE			
Cholesterol-Total Method: Spectrophotometry	156	mg/dL	< 200 - Desirable 200 - 239 -Boderline High > 240 - High
Triglycerides level Method: Serum, Enzymatic, endpoint	98	mg/dL	< 150 - Normal 150 - 199 -Boderline High 200 - 499 -High >500 Very -High
HDL Cholesterol Method: Serum, Direct measure-PEG	43	mg/dL	< 40 - Low > 40 - Normal
LDL Cholesterol Method: Enzymatic selective protection	93.40	mg/dL	< 100 - Optimal 100 - 129 - Near/Above Optimal 130 - 159 - Borderline high 160 - 189 - High > 190 - Very High
VLDL Cholesterol Method: Serum, Enzymatic	19.60	mg/dL	6 - 38
CHOL/HDL RATIO Method: Serum, Enzymatic	3.63		3.5 - 5.0
LDL/HDL RATIO Method: Serum, Enzymatic NOTE	2.17		2.5 - 3.5

8-10 hours fasting sample is required





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BIOCHEMISTRY REPORT

Test Description	Result	Unit	Biological Reference Ranges
BLOOD SUGAR FASTING & PP (BSF	* & PP)		
BLOOD SUGAR FASTING Method: Hexokinase	71	mg/dl	70 - 110
BLOOD SUGAR POST PRANDIAL	90	mg/dl	70 - 140
Method: Hexokinase ADA 2019 Guidelines for diagnosis of Dia Fasting Plasma Glucose > 126 mg/dl Postprandial Blood Glucose > 200 mg/dl	abetes Mellitus		

Random Blood Glucose > 200 mg/dl HbA1c Level > 6.5%

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BIOCHEMISTRY REPORT

Test Description	Result	Unit	Biological Reference Ranges
Serum Creatinine Method: Modified Jaffe's	1.2	mg/dL	0.70 - 1.40
LIVER FUNCTION TEST (LFT)			
TOTAL BILIRUBIN	0.50	mg/dl	0.2 - 1.0
Method: Serum, Jendrassik Grof			
DIRECT BILIRUBIN	0.17	mg/dL	0.0 - 0.3
Method: Serum, Diazotization			
INDIRECT BILIRUBIN	0.33	mg/dl	0.3 - 0.7
Method: Serum, Calculated			
SGPT (ALT)	16	U/L	15 - 40
Method: Serum, UV with P5P, IFCC 37 degree			
SGOT (AST)	18	U/L	15 - 40
Method: Serum, UV with P5P, IFCC 37 degree			
ALKALINE PHOSPHATASE	92	U/L	74 - 390
Method: DGKC			
TOTAL PROTEIN	7.2	g/dl	6.0 - 8.0
Method: Serum, Biuret, reagent blank end point			
SERUM ALBUMIN	3.9	g/dl	3.2 - 4.6
Method: Serum, Bromocresol green			4.0.00
SERUM GLOBULIN	3.30	g/dl	1.8 - 3.6
Method: Serum, Calculated	4.40		4.0.00
A/G RATIO	1.18		1.2 - 2.2
Method: Serum, Calculated	0.4	11.17	45 70
Gamma Glutamyl Transferase-Serum	31	IU/L	15 - 73
Method: Kinetic			

NOTE:

In known cases of Chronic Liver disease due to Viral Hepatitis B & C, Alcoholic liver disease or Non alcoholic fatty liver disease, Enhanced liver fibrosis (ELF) test may be used to evaluate liver fibrosis.





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BUN 09 7 - 21

Method: Calculated Clinical Significance:

Urea Nitrogen (BUN) - Urea is the principle waste product of protein catabolism. BUN is most commonly measured in the diagnosis and treatment of certain renal and metabolic diseases. Increased BUN concentration may result from increased production of urea due to

(1) diet or excessive destruction of cellular proteins as occurs in massive infection and fevers,

- (2) reduced renal perfusion resulting from dehydration or heart failure,
- (3) nearly all types of kidney disease, and
- (4) mechanical obstruction to urine excretion such as is caused by stones, tumors, infection, or stricture. Decreased urea levels are less frequent and occur primarily in advanced liver disease and in overhydration.

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IMMUNOASSAY REPORT

Test Description	Result	Unit	Biological Reference Ranges
Thyroid Function Test (TFT)			
Т3	100.34	ng/dl	80-253 : 1 Yr-10 Yr,
-		· ·	76-199 : 11 Yr-15 Yr,
			69-201 :16 Yr-18 Yr,
			87-173 : > 18 years,
T4	8.75	ng/dl	5.9-21.5 :10-31 Days,
		•	5.9-21.5 :0-1 Month,
			6.4-13.9 :2-12 Months,
			6.09-12.23 :>1 Yr
TSH(Serum)	1.86	ng/dl	0.52-16.0 :1 Day - 30 Days
,		•	0.55-7.10 :1 Mon-5 Years
			0.37-6.00 :6 Yrs-18 Years
			0.38-5.33 :18 Yrs-88 Years
			0.50-8.90 :88 Years

Method: ECLIA

	Clinical features of thyroid di	sease
Hypothyroidism	Hyperthyroidism	Grave's disease
Lethargy	Tachycardia	Exophthalmos/proptosis
Weight gain	Palpitations (atrial fibrillation)	Chemosis
Cold intolerance	Hyperactivity	Diffuse symmetrical goitre
Constipation	Weight loss with increased appetite	Pretibial myxoedema (rare)
Hair loss	Heat intolerance	Other autoimmune conditions
Dry skin	Sweating	
Depression	Diarrhoea	
Bradycardia	Fine tremor	
Memory impairment	Hyper-reflexia	
Menorrhagia	Goitre	
	Palmar erythema	
	Onycholysis	
	Muscle weakness and wasting	
	Oligomenorrhea/amenorrhoea	





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URINE EXAMINATION REPORT

Test Description	Result	Unit	Biological Reference Ranges
URINE ROUTINE			
Physical Examination			
Colour	Pale Yellow		Pale Yellow
Apperance	Clear		Clear
Reaction	Acidic		
Deposit	Absent		
Chemical Examination			
Specific Gravity	1.010		
Albumin	Absent		
Sugar	Absent		Absent
Acetone	Absent		
Microscopic Examination			
RBC's	NIL	/hpf	Nil
Pus cells	Occasional	/hpf	2-3/hpf
Epithelial Cells	NIL	/hpf	1-2/hpf
Crystals	Absent		Absent

Not Seen

Absent



Not Seen

Absent

Casts

Amorphous Deposit



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Test Description	Result	Unit	Biological Reference Ranges
COMPLETE BLOOD COUNT			
Total WBC Count	5300	cell/cu.mm	4000 - 11000
Haemoglobin	14.3	g%	13 - 18
Platelet Count	2,54000	/cumm	150000 - 450000
RBC Count	4.82	/Mill/ul	4.20 - 6.00
RBC INDICES			
Mean Corp Volume MCV	84.2	fL	80 - 97
Mean Corp Hb MCH	29.7	pg	26 - 32
Mean Corp Hb Conc MCHC	35.2	gm/dL	31.0 - 36.0
Hematocrit HCT	40.6	%	37.0 - 51.0
DIFFERENTIAL LEUCOCYTE CO	UNT		
Neutrophils	37	%	40 - 75
Lymphocytes	55	%	20 - 45
Monocytes	05	%	02 - 10
Eosinophils	03	%	01 - 06
Basophils NOTE:	00	%	00 - 01

^{1.} As per the recommendation of International council for Standardization in Hematology, the differential leukocyte counts are additionally being reported as absolute numbers of each cell in per unit volume of blood.

ESR 07 mm/hr Male: 0-8 mm at 1 Hr. Female: 0-20 mm at 1 Hr.

INTERPRETATION:

- 1. It indicates presence and intensity of an inflammatory process, never diagnostic of a specific disease. Changes are more significant than a single abnormal test.
- 2. It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, bacterial endocarditis, acute rheumatic fever, rheumatoid arthritis, SLE, Hodgkins disease, temporal arteritis, polymyalgia rheumatica.
- 3. It is also increased in pregnancy, multiple myeloma, menstruation, and hypothyroidism.

**** End of the report. ****

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^{2.} Test conducted on EDTA whole blood.



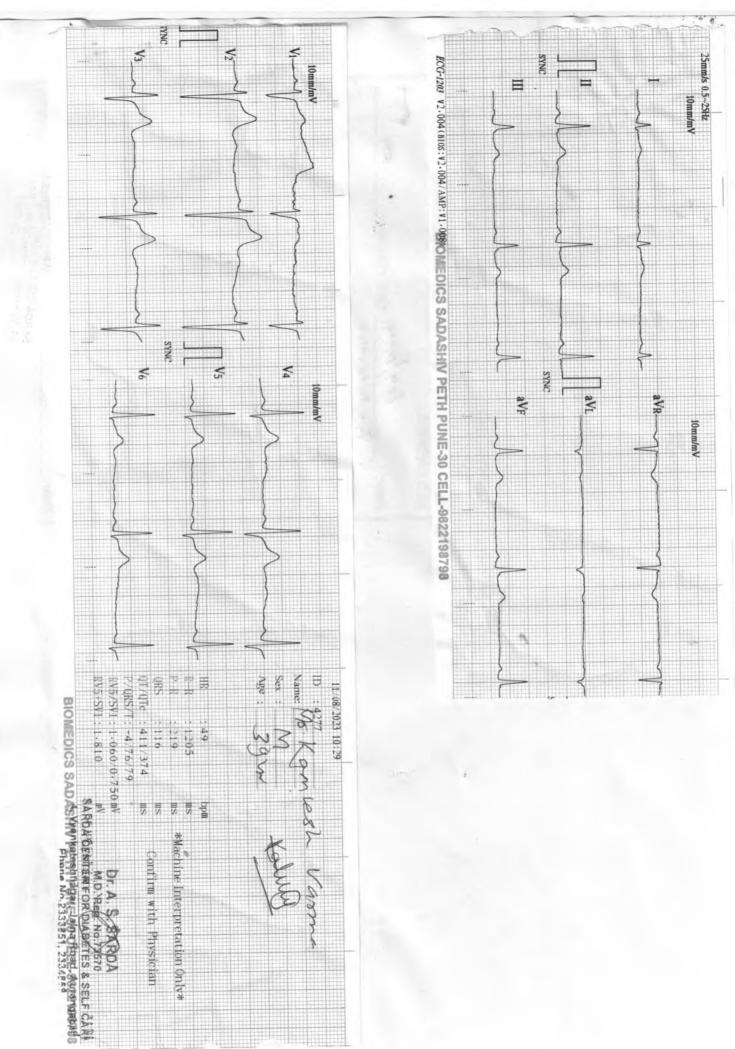
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CENTRE FOR DIABETES & SELFCARE
4, Vyankatesh Negar, Jeina Road, Aurangebad. Ph. : (0240) 2333851, 2334858.
Name Was Kamlesh Varma Age: 33 m/M
Scot .
CLINICAL SUMMARY:
Weight: Height (Cms): Blood Pressure:
ECG FINDINGS:
49/mi
Rhythm: ST Segment:
Mechanism : T. Wave :
Axis: QT Interval:
P. Wave:
Recommendation:
Date. Date. SARDA CENTER FOR DIABAGE SELF CARE SARDA CENTER FOR DIABAGE ALICANGADA.
4, Wankatasiii Ao. 2333251, Land

Dr. Amey Jaju MBBS, DNB Radiology Fellowship in MSK Imaging



• DIGITAL X-RAY • 3D/4D/5D SONOGRAPHY • COLOUR DOPPLER

Regd. No.: 2019/05/3879 Patient Name: KAMLESH VARMA

Patient Id: 3958

Ref Phy: DR. SARDA

Date: 08/11/2023
Age/Sex: 39 Years / MALE
Address:

ULTRASONOGRAPHY OF ABDOMEN AND PELVIS

<u>LIVER</u>: The liver is normal in size It measures 13.4 cm, shape, position, echogenicity and echotexture. Normal respiratory movements are seen. Portal vein at porta hepatis measures 9.4 mm. No focal solid or cystic mass lesion is noted.

<u>BILIARY SYSTEM</u>: Gall bladder shows normal physiological distention. No mural mass or calculus is noted. There is no evidence of pericholecystic fluid.CBD and intra hepatic biliary radicles show normal caliber.

<u>PANCREAS</u>: The pancreas is normal in size, shape, and echogenicity and echo texture. No solid or cystic mass lesion is noted. Pancreatic duct is not dilated.

<u>SPLEEN</u>: The spleen is normal in size It measures 6.9 cm, shape, position, echogenecity and echotexture. No focal mass lesion is noted.

<u>KIDNEYS</u>: Right kidney measures 10.1 x 4.2 cm. Left kidney measures 10.4 x 4.6 cm. Both kidneys are normal in size, shape, position, echogenicity and echotexture. Normal corticomedullary differentiation is noted. No focal solid or cystic mass lesion or any calculus is seen. Pelvicalyceal systems on both sides are normal.

<u>URINARY BLADDER</u>: The urinary bladder shows physiological distention. It shows normal wall thickness. No calculus or mass lesion is seen.

<u>PROSTATE</u>: The prostate is normal in shape, position, echogenicity and echotexture. The prostate measure $4.0 \times 2.7 \times 3.0 \text{ cm}$ (volume = 17.2 gm). There is no focal solid or cystic mass lesion in it.

<u>SEMINAL VESICALS</u>: Both seminal vesicles are normal in size, shape, echogenicity and echotexture.

<u>OTHERS</u>: There is no free or loculated fluid collection in abdomen or pelvis. No significant lymphadenopathy is noted.

CONCLUSION:

NO SIGNIFICANT SONOGRAPHIC ABNORMALITY NOTED.

DR.AMEY JALL, MBBS, DNB (RADIOLOGY)

Fellowin MSK imaging

CONSULTANT RADIOLOGIST

ANUSTREE SUNUGIONITIES A TOTAL

Name: KAMLESH VARMA Sex:Male RefDr:Sarda Date:08-Nov-2023 Age:39 Y

Dr. Amey Jaju MBBS, DNB Radiology Fellowship in MSK Imaging

Regd. Np.: 2019/05/3879



• DIGITAL X-RAY • 3D/4D/5D SONOGRAPHY • COLOUR DOPPLER

Patient Name: KAMLESH VARMA

Patient Id: 3960

Ref Phy: DR. SARDA

Date: 08/11/2023

Age/Sex: 39 Years / MALE

Address:

RADIOGRAPH OF CHEST PA VIEW

Findings:

Both the lung fields are clear.

The broncho vascular markings are appears normal.

The hilar shadows are appears normal.

Both Cardiophrenic and Costophrenic angles are clear.

The Cardiac silhoutte is within normal limits.

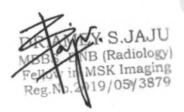
Aortic shadow is normal.

Both domes of diaphragms are normal.

The visualised bony thorax is normal.

Impression:

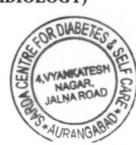
No significant abnormality noted in X-ray chest.



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ANUSHREE SONOGRAPHY & X-RAY CENTRE

Name:Kamlesh Varma Age:39 Y Sex:Male RefDr:Dr. Sarda Date:08-Nov-2023

