Hosp. Reg. No.: TMC - Zone C - 386

INDUSTRIAL HEALTH SERVICES

09/12/2023

Harshada Sagar 43 yrs / Female

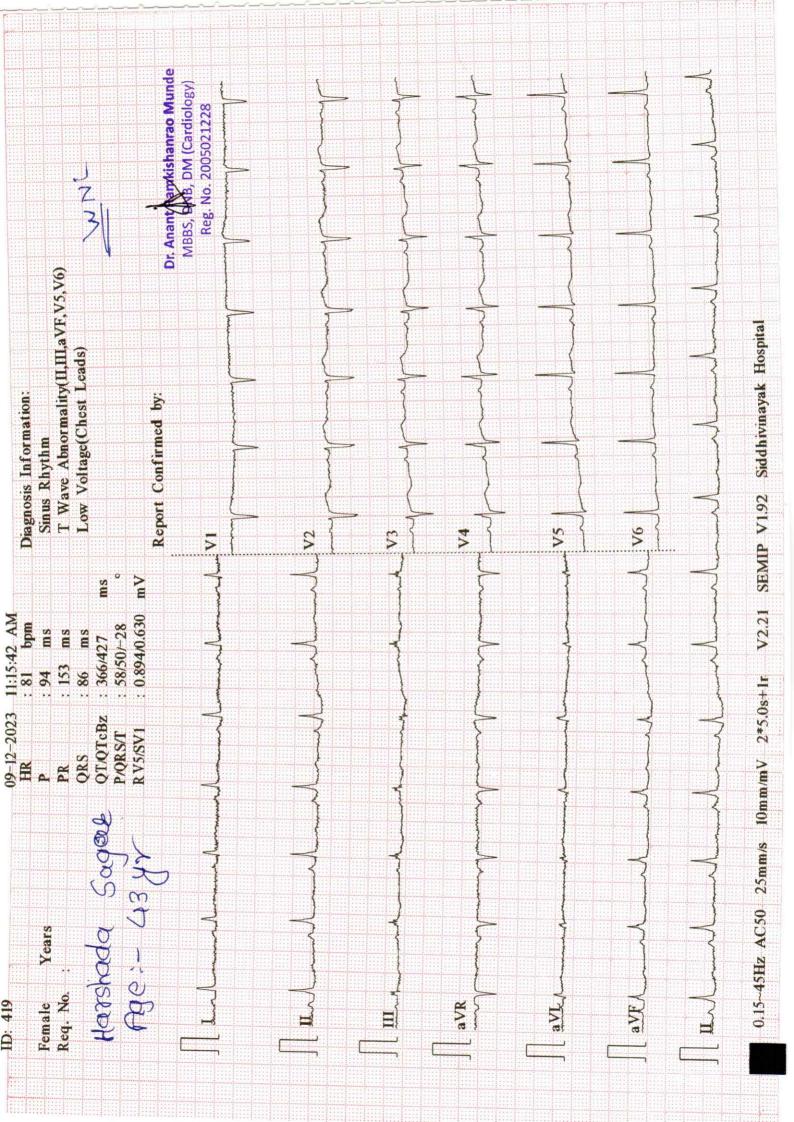
40- No fresh complaints.
? Anxiety.
E100- Hypothypoidism. : 2 yrs.
T. Thyponorm 50
No PIN.
? Anewla - 3 yrs back.
MIN- UMP-1/12/23, regular
dysmenoronea.
G6P3L3A3Do.
BP-100/70 mmHg
P-80/min
SP02-98%.

Pt is fit and can returne her normal duties. Cansylt physician For low Hby high platelet count 5 high TSH.











OPTHAL CHECK UP SCREENING

NAME OF EMPLOYEE MRS.HARSHADA SAGAR

AGE

DATE - 09.12.2023

Spects : Without Glasses

43

	RT Eye	Lt Eye
NEAR	N/18	N/18
DISTANT	6/6	6/10
Color Blind Test	NORMAL	









Imaging Department Sonography | Colour Doppler | 3D / 4D USG

Name – Mrs. Harshada Sagar	Age - 43 Y/F
Ref by Dr Siddhivinayak Hospital	Date - 09 /12/2023

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.







Imaging Department

Name - Mrs. Harshada Sagar	
Ref by Dr Siddhivinayak Hospital	

USG ABDOMEN & PELVIS

FINDINGS:

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

The **GB**-gallbladder is distended normally with no stones within.

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

The pancreas appears normal in morphology.

The spleen is normal in size (9.5 cm) and morphology

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

The right kidney measures 9.7 x 4.7 cm.

The left kidney measures 10.7 x 4.4 cm.

Urinary bladder: normally distended. Wall thickness - normal.

Uterus : normal in size and morphology. Size: 9.8 x 4.7 x 6.4 cm.

Endometrium: 7-8 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. Excessive Bowel Gases IMPRESSION:

No obvious significant abnormality detected.

DR. AMOL BENDRE MBBS; DMRE CONSULTANT RADIOLOGIST









Imaging Department Sonography | Colour Doppler | 3D / 4D USG

Name – Mrs. Harshada Sagar	Age - 43 Y/F	
Ref by Dr Siddhivinayak Hospital	Date - 06/12/2023	

USG -BOTH BREAST

Real time sonography of both breast was performed with high frequency probe.

Both breast show normal, medium level, homogeneous echotexture. No evidence of any solid or cystic focal mass lesion.

No evidence of calcification noted.

The pectorallis major muscles appear normal.

No evidence of axillary lymphadenopathy seen.

IMPRESSION:

> No significant abnormality is noted.

Thanks for the referral.....

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-









Imaging Department Sonography | Colour Doppler | 3D / 4D USG

ECHOCARDIOGRAM

NAME	MRS. HARSHADA SAGAR	
AGE/SEX	43 YRS/F	
REFERRED BY	SIDDHIVINAYAK HOSPITAL	
DATE OF EXAMINATION	10/12/2023	

2D/M-MODE ECHOCARDIOGRAPHY

VALVES:	CHAMBERS:
MITRAL VALVE:	LEFT ATRIUM: Normal
AML: Normal	 Left atrial appendage: Normal
PML: Normal	
Sub-valvular deformity: Absent	LEFT VENTRICLE: Normal
	RWMA: No
AORTIC VALVE: Normal	Contraction: Normal
 No. of cusps: 3 	
	RIGHT ATRIUM: Normal
PULMONARY VALVE: Normal	
	RIGHT VENTRICLE: Normal
TRICUSPID VALVE: Normal	RWMA: No
	Contraction: Normal
GREAT VESSELS:	SEPTAE:
AORTA: Normal	IAS: Intact
PULMONARY ARTERY: Normal	• IVS: Intact
CORONARIES: Proximal coronaries normal	VENACAVAE:
	SVC: Normal
CORONARY SINUS: Normal	 IVC: Normal and collapsing >20% with respiration
	• IVC. Normal and conapsing >2076 with respiration
PULMONARY VEINS: Normal	PERICARDIUM: Normal

MEASUREMENTS:

AORTA		LEFT VENTRICLE STUDY		RIGHT VENTRICLE STUDY	
PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE
Aortic annulus	21 mm	Left atrium	30 mm	Right atrium	mm
Aortic sinus	mm	LVIDd	44 mm	RVd (Base)	mm
Sino-tubular junction	mm	LVIDs	26 mm	RVEF	%
Ascending aorta	mm	IVSd	8 mm	TAPSE	mm
Arch of aorta	mm	LVPWd	8 mm	MPA	mm
Desc. thoracic aorta	mm	LVEF	72 %	RVOT	mm
Abdominal aorta	mm	LVOT	mm	IVC	14.7 mm





COLOR - FLOW & DOPPLER ECHOCARDIOGRAPHY

NAME	MRS. HARSHADA SAGAR	
AGE/SEX	43 YRS/F	
REFERRED BY	SIDDHIVINAYAK HOSPITAL	
DATE OF EXAMINATION	10/12/2023	6

	MITRAL	TRICUSPID	AORTIC	PULMONARY
FLOW VELOCITY (m/s)			1.26	0.95
PPG (mmHg)				
MPG (mmHg)				
VALVE AREA (cm ²)				
DVI (ms)				
PR END DIASTOLIC VELOCITY (m/s)				
ACCELERATION/				
DECELERATION TIME (ms)				
PHT (ms)				
VENA CONTRACTA (mm)				
REGURGITATION	× .	TRJV= m/s		
		PASP= mmHg		
E/A	1.41			
E/E'	7			

FINAL IMPRESSION: NORMAL STUDY

- No RWMA
- Normal LV systolic function (LVEF 72 %)
- Good RV systolic function
- Normal diastolic function
- All cardiac valves are normal
- All cardiac chambers are normal
- IAS/IVS intact
- No pericardial effusion/ clot/vegetations

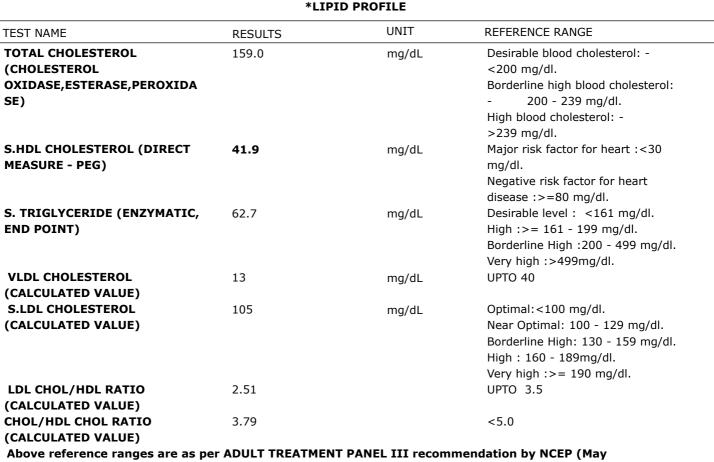
ADVICE: Nil

ECHOCARDIOGRAPHER: Dr. ANACT MUNDE DNB, DM (CARDIOLOGY)

IN DP. Analit Karnkishialingo Munde MBBS, DNB, DM (Cardiology) Reg. No. 2005021228



Name	: Mrs. HARSHADA SAGAR	Collected On	: 9/12/2023 9:02 am
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Ref By	: SIDDHIVINAYAK HOSPITAL CGHS /ESIS	Report Status	



2015).

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

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

Checked By Priyanka_Deshmukh



* 1 7 6 8 3 9 *

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

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

COMPLETE BLOOD COUNT UNIT **REFERENCE RANGE** TEST NAME RESULTS **HEMOGLOBIN** 6.8 qm/dl 12.0 - 15.0 HEMATOCRIT (PCV) 36 - 46 25.0 % **RBC COUNT** 4.5 - 5.5 4.11 x10^6/uL MCV 80 - 96 fl 61 MCH 27 - 33 16.5 pg MCHC 27 33 - 36 g/dl **RDW-CV** 11.5 - 14.5 19.0 % TOTAL LEUCOCYTE COUNT 8020 /cumm 4000 - 11000 **DIFFERENTIAL COUNT NEUTROPHILS** 65 % 40 - 80 LYMPHOCYTES 29 % 20 - 40 0 - 6 EOSINOPHILS 01 % MONOCYTES 05 % 2 - 10 BASOPHILS 00 % 0 - 1 **PLATELET COUNT** 505000 150000 - 450000 / cumm MPV 9.1 fl 6.5 - 11.5PDW 15.6 % 9.0 - 17.0 PCT 0.458 % 0.200 - 0.500 **RBC MORPHOLOGY** Hypochromia(++), Microcytosis(++), Anisopoikilocytosis (+), Fragmented red blood cells few, Few Sickle shape red blood cells seen. WBC MORPHOLOGY Normal PLATELETS ON SMEAR Increased Method : EDTA Whole Blood- Tests done on Automated Six Part Cell Counter.RBC and Platelet count by

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. NOTE Possibility of haemolytic anemia

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

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

Checked By SHAISTA Q



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

HEMATOLOGY				
TEST NAME	RESULTS	UNIT	REFERENCE RANGE	
ESR				
ESR	25	mm/1hr.	0 - 20	

METHOD - WESTERGREN

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

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

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URINE ROUTINE EXAMINATION					
TEST NAME	RESULTS	UNIT	REFERENCE RANGE		
URINE ROUTINE EXAMINATION					
PHYSICAL EXAMINATION					
VOLUME	20ml				
COLOUR	Pale yellow	Text	Pale Yellow		
APPEARANCE	Clear		Clear		
CHEMICAL EXAMINATION					
REACTION	Acidic		Acidic		
(methyl red and Bromothymol blue ind	icator)				
SP. GRAVITY	1.010		1.005 - 1.022		
(Bromothymol blue indicator)					
PROTEIN	Absent		Absent		
(Protein error of PH indicator)					
BLOOD	Absent		Absent		
(Peroxidase Method)					
SUGAR	Absent		Absent		
(GOD/POD)					
KETONES	Absent		Absent		
(Acetoacetic acid)					
BILE SALT & PIGMENT	Absent		Absent		
(Diazonium Salt)					
UROBILINOGEN	Absent		Normal		
(Red azodye)					
LEUKOCYTES	Absent	Text	Absent		
(pyrrole amino acid ester diazonium salt)					
NITRITE	Absent		Negative		
(Diazonium compound With tetrahydrobenzo quinolin 3-phenol)					
MICROSCOPIC EXAMINATION					
RED BLOOD CELLS	Absent	Text	Absent		
PUS CELLS	1-2	/ HPF	0 - 5		
EPITHELIAL	2-4	/ HPF	0 - 5		
CASTS	Absent				

Checked By

SHAISTA Q



176839*

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TEST NAME	RESULTS	UNIT	REFERENCE RANGE
CRYSTALS	Absent		
BACTERIA	Absent		Absent
YEAST CELLS	Absent		Absent
ANY OTHER FINDINGS	Absent		Absent
REMARK	Result relates to s	ample tested. Kindly co	rrelate with clinical findings.
Result relates to sample tested, Kindly correlate with clinical findings.			

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

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Ref By	: SIDDHIVINAYAK HOSPITAL CGHS /ESIS	Report Status	

IMMUNO ASSAY					
TEST NAME		RESULTS		UNIT	REFERENCE RANGE
TFT (THYROID	D FUNCTION T	<u>EST)</u>			
SPACE				Space	-
SPECIMEN		Serum			
Т3		138.0		ng/dl	84.63 - 201.8
T4		12.15		µg/dl	5.13 - 14.06
TSH		4.37		µIU/ml	0.270 - 4.20
T3 (Triido Thyr hormone)	onine)	T4 (Thyroxine	e)	TSH(Thyr	oid stimulating
AGE	RANGE	AGE	RANGES	AGE	RANGES
1-30 days	100-740	1-14 Days	11.8-22.6	0-14 Days	s 1.0-39
1-11 months	105-245	1-2 weeks	9.9-16.6	2 wks -5 m	onths 1.7-9.1
1-5 yrs	105-269	1-4 months	7.2-14.4	6 months	-20 yrs 0.7-6.4
6-10 yrs	94-241	4 -12 months	7.8-16.5	Pregnanc	CY
11-15 yrs 0.1-2.5	82-213	1-5 yrs	7.3-15.0	1st Trime	ester
15-20 yrs 0.20-3.0	80-210	5-10 yrs	6.4-13.3	2nd Trim	ester
		11-15 yrs	5.6-11.7	3rd Trin	nester

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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	COMPLETE PATHOLOGICAL SOLUTIO	0 N	
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- Ref By	: SIDDHIVINAYAK HOSPITAL CGHS /ESIS	Report Status	: FINAL



HAEMATOLOGY				
TEST NAME	RESULTS	UNIT	REFERENCE RANGE	
BLOOD GROUP				
SPECIMEN	WHOLE BLOOD E	DTA & SERUM		
* ABO GROUP	'AB'			
RH FACTOR	POSITIVE			
Method: Slide Agglutination	n and Tube Method (Forward gro	ouping & Reverse gro	uping)	
Result relates to samp	le tested, Kindly correlate with	clinical findings.		

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

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*BIOCHEMISTRY				
TEST NAME	RESULTS	UNIT	REFERENCE RANGE	
BLOOD UREA	14.3	mg/dL	13 - 40	
(Urease UV GLDH Kinetic)				
BLOOD UREA NITROGEN	6.68	mg/dL	5 - 20	
(Calculated)				
S. CREATININE	0.87	mg/dL	0.6 - 1.4	
(Enzymatic)				
S. URIC ACID	4.6	mg/dL	2.6 - 6.0	
(Uricase)				
S. SODIUM	139.3	mEq/L	137 - 145	
(ISE Direct Method)				
S. POTASSIUM	4.99	mEq/L	3.5 - 5.1	
(ISE Direct Method)				
S. CHLORIDE	101.8	mEq/L	98 - 110	
(ISE Direct Method)				
S. PHOSPHORUS	3.3	mg/dL	2.5 - 4.5	
(Ammonium Molybdate)				
S. CALCIUM	9.2	mg/dL	8.6 - 10.2	
(Arsenazo III)				
PROTEIN	6.84	g/dl	6.4 - 8.3	
(Biuret)				
S. ALBUMIN	4.27	g/dl	3.2 - 4.6	
(BGC)				
S.GLOBULIN	2.57	g/dl	1.9 - 3.5	
(Calculated)				
A/G RATIO	1.66		0 - 2	
calculated				
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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Ref By	: SIDDHIVINAYAK HOSPITAL CGHS /ESIS	Report Status	: FINAL

Peripheral smear examination

TEST NAME	RESULTS
SPECIMEN RECEIVED	Whole Blood EDTA
RBC	Moderate hypochromia, Moderate microcytosis, Mild
	anisopoikilocytosis, Fragmented red blood cells few, Few Sickle
	shape red blood cells seen.
WBC	Total leucocyte count is normal on smear.
	Neutrophils:65 %
	Lymphocytes:30 %
	Monocytes:03 %
	Eosinophils:02 %
	Basophils:00 %
PLATELET	Increased on smear.
HEMOPARASITE	No parasite seen.
IMPRESSION	Possibility of haemolytic anemia
ADVICE	Sickling test and HB-Electrophoresis for typing of anemia
Result relates to sample tested, K	indly correlate with clinical findings.
	END OF REPORT





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LIVER FUNCTION TEST					
TEST NAME	RESULTS	UNIT	REFERENCE RANGE		
TOTAL BILLIRUBIN	0.81	mg/dL	0.0 - 2.0		
(Method-Diazo)					
DIRECT BILLIRUBIN	0.42	mg/dL	0.0 - 0.4		
(Method-Diazo)					
INDIRECT BILLIRUBIN	0.39	mg/dL	0 - 0.8		
Calculated					
SGOT(AST)	14.5	U/L	0 - 37		
(UV without PSP)					
SGPT(ALT)	9.1	U/L	UP to 40		
UV Kinetic Without PLP (P-L-P)					
ALKALINE PHOSPHATASE	36.0	U/L	42 - 98		
(Method-ALP-AMP)					
S. PROTIEN	6.84	g/dl	6.4 - 8.3		
(Method-Biuret)					
S. ALBUMIN	4.27	g/dl	3.5 - 5.2		
(Method-BCG)					
S. GLOBULIN	2.57	g/dl	1.90 - 3.50		
Calculated					
A/G RATIO	1.66		0 - 2		
Calculated					

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

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

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Sum

176839*

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

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Name	: Mrs. HARSHADA SAGAR	Collected On	: 9/12/2023 9:02 am
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Ref By	: SIDDHIVINAYAK HOSPITAL CGHS /ESIS	Report Status	: FINAL

BIOCHEMISTRY			
TEST NAME	RESULTS	UNIT	REFERENCE RANGE
GAMMA GT	14.6	U/L	5 - 55
BLOOD GLUCOSE FASTING & PP			
BLOOD GLUCOSE FASTING	103.0	mg/dL	70 - 110
BLOOD GLUCOSE PP	123.6	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

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	5.10	%	Hb A1c
HAEMOGLOBIN)			> 8 Action suggested
			< 7 Goal
			< 6 Non - diabetic level
AVERAGE BLOOD GLUCOSE (A. B. G.)	100.0	mg/dL	65.1 - 136.3

Particle Enhanced Immunoturbidimetry

Checked By SHAISTA Q

METHOD

Evan

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iter by			

BIOCHEMISTRY				
TEST NAME	RESULTS	UNIT	REFERENCE RANGE	

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 -----

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