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

INDUSTRIAL HEALTH SERVICES

Vishvas Joshi 63 yrs Male

26/2/24

No fresh complaints. KICIO- HTN, BA PM-coviD-19 (may 21). SIH - NO any flH- Mother-HTN. father- HTN (expired)

Height-165 cm weight-loz BMI - 37. 5 kg/m2 (obese class II)

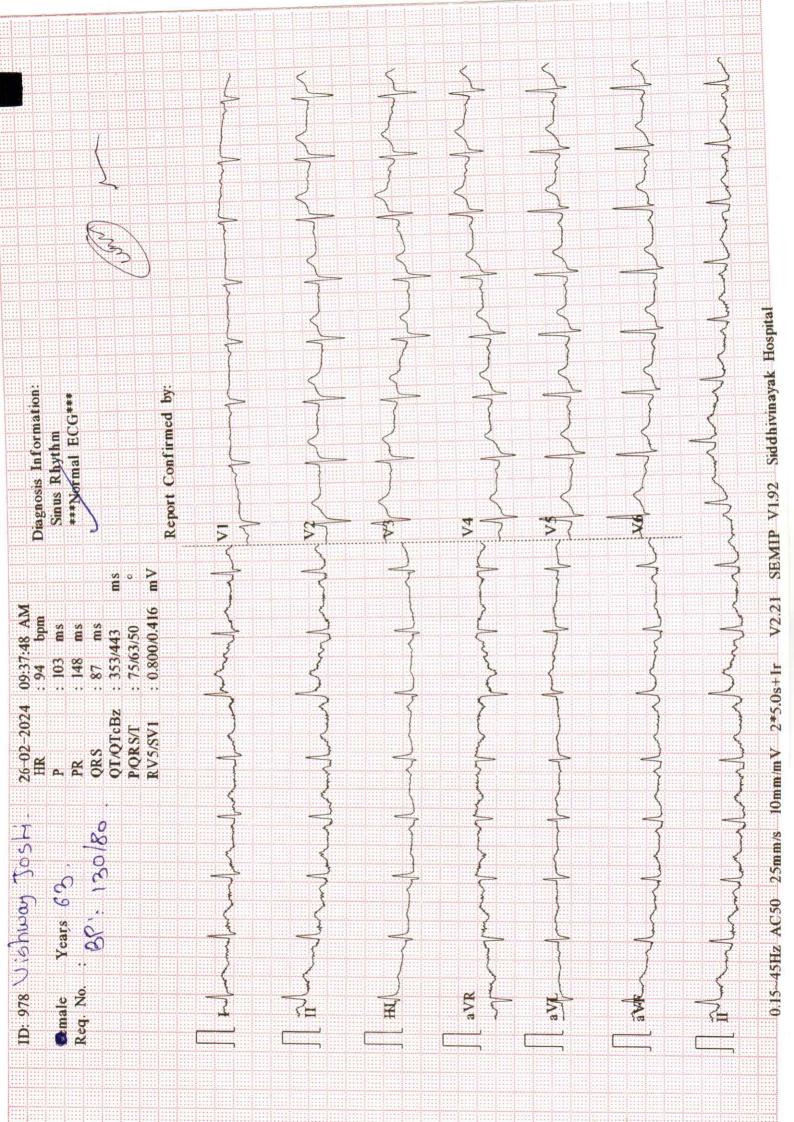
BP- 130/80 mmtg 8- 94 min SPOZ- 98%.

Pt is fit and can resume his normal duties,













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

Name - Mr. Vishwas Joshi	Age - 63 Y/M
Ref by Dr Siddhivinayak Hospital	Date - 26/02/2024

USG ABDOMEN & PELVIS

FINDINGS: -

The liver dimension is enlarged in size (17.1 cm) . It appears normal in morphology with raised echogenicity. No evidence of intrahepatic ductal dilatation.

The GB-gallbladder is distended normally. Wall thickness is normal.

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

The pancreas appears normal in morphology.

The spleen is normal in size (10.3 cm) and morphology.

Both kidneys demonstrate normal morphology.

Both kidneys show normal cortical echogenicity.

The right kidney measures 8.8 x 4.6 cm.

The left kidney measures $9.1\ x\ 4.1\ cm.$

Urinary bladder: -normally distended. Wall thickness - normal.

Prostate is normal in size and morphology Size: 22.0 gms.

No free fluid is seen.

Excessive gaseous distension of bowel loops. Visualized loops show normal forward peristalsis

IMPRESSION:-

Hepatomegaly with fatty liver (Grade I).

DR. AMOL BENDRE MBBS; DMRE CONSULTANT RADIOLOGIST









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

Name - Mr . Vishwas Joshi	Age - 26 Y/M
Ref by Dr Siddhivinayak Hospital	Date- 26/02/2024

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.





OPTHAL CHECK UP SCREENING

NAME OF EMPLOYEE

VISHWAS JOSHI

AGE

63

DATE - 26.02.2024

Spects: With Glasses

	RT Eye	Lt Eye
NEAR	N/6	N/6
DISTANT	6/12	6/24
Color Blind Test	NORMAL	







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

ECHOCARDIOGRAM

NAME	MR. VISHWAS JOSHI	
AGE/SEX	63 YRS/M	
REFERRED BY	SIDDHIVINAYAK HOSPITAL	
DATE OF EXAMINATION	26/02/2024	——————————————————————————————————————

2D/M-MODE ECHOCARDIOGRAPHY

VALVES:	CHAMBERS:
MITRAL VALVE:	LEFT ATRIUM: Normal
AML: Normal PML: Normal	Left atrial appendage: Normal
Sub-valvular deformity: Absent	LEFT VENTRICLE: Normal
A becommonstated as the second of	RWMA: No
No. of cusps: 3	Contraction: Normal
PULMONARY VALVE: Normal	RIGHT ATRIUM: 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
PULMONARY VEINS: Normal	PERICARDIUM: Normal

MEASUREMENTS:

AORT	A	LEFT VENTR	ICLE STUDY	RIGHT VENTR	ICLE STUDY
PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE
Aortic annulus	20 mm	Left atrium	30 mm	Right atrium	
Aortic sinus	mm	LVIDd	44.6 mm	RVd (Base)	mm
Sino-tubular junction	mm	LVIDs			mm
Ascending aorta	mm		28.1 mm	RVEF	%
Arch of aorta	ппп	IVSd	8.4 mm	TAPSE	mm
	mm	LVPWd	8.4 mm	MPA	mm
Desc. thoracic aorta	mm	LVEF	66 %		mm
Abdominal aorta			00 %	RVOT	mm
rodommai aorta	mm	LVOT	mm	IVC	14 mm





COLOR - FLOW & DOPPLER ECHOCARDIOGRAPHY

NAME	MR. VISHWAS JOSHI
AGE/SEX	63 YRS/M
REFERRED BY	SIDDHIVINAYAK HOSPITAL
DATE OF EXAMINATION	26 /02/2024

	MITRAL	TRICUSPID	AORTIC	PULMONARY
FLOW VELOCITY (m/s)			1.34	1.07
PPG (mmHg)				
MPG (mmHg)				
VALVE AREA (cm²)				
DVI (ms)		· jk.		
PR END DIASTOLIC VELOCITY (m/s)				
ACCELERATION/ DECELERATION TIME (ms)				
PHT (ms)				
VENA CONTRACTA (mm)				_
REGURGITATION		TRJV= m/s PASP= mmHg		
E/A	E <a< td=""><td></td><td></td><td></td></a<>			
E/E'				

FINAL IMPRESSION: NORMAL STUDY

- No RWMA
- Normal LV systolic function (LVEF 66 %)
- Good RV systolic function
- Grade I diastolic dysfunction
- · All cardiac valves are normal
- All cardiac chambers are normal
- IAS/IVS intact
- · No pericardial effusion/ clot/vegetations

ADVICE: Nil

ECHOCARDIOGRAPHER:

Dr. ANANT MUNDE

DNB. DM (CARDIOLOGY)

INTERVENTIONAL CARDIOLOGIST

Dr. Anant Ramkishanrao Munde MBBS, DNB, DM (Cardiology)





: Mr. VISHVAS JOSHI (A) **Collected On** : 26/2/2024 10:15 am Name

Lab ID. : 184913

Reported On : 26/2/2024 7:25 pm Age/Sex : 63 Years / Male

Received On

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

. 26/2/2024 10:25 am

*LIPID PROFILE

		2	
TEST NAME	RESULTS	UNIT	REFERENCE RANGE
TOTAL CHOLESTEROL (CHOLESTEROL OXIDASE,ESTERASE,PEROXIDA SE)	195.0	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)	36.5	mg/dL	Major risk factor for heart :<30 mg/dl. Negative risk factor for heart disease: >=80 mg/dl.
S. TRIGLYCERIDE (ENZYMATIC, END POINT)	117.1	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)	23	mg/dL	UPTO 40
S.LDL CHOLESTEROL (CALCULATED VALUE)	135	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)	3.70		UPTO 3.5
CHOL/HDL CHOL RATIO (CALCULATED VALUE)	5.34		<5.0

Above reference ranges are as per ADULT TREATMENT PANEL III recommendation by NCEP (May

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

Checked By

Priyanka_Deshmukh

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

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Lab ID. : 184913

Reported On : 26/2/2024 7:25 pm Age/Sex : 63 Years / Male

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

Received On

. 26/2/2024 10:25 am

COMPLETE BLOOD COUNT

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
HEMOGLOBIN	14.0	gm/dl	13 - 18
HEMATOCRIT (PCV)	42.0	%	42 - 52
RBC COUNT	4.81	x10^6/uL	4.70 - 6.50
MCV	87	fl	80 - 96
MCH	29.1	pg	27 - 33
MCHC	33	g/dl	33 - 36
RDW-CV	15.7	%	11.5 - 14.5
TOTAL LEUCOCYTE COUNT	10460	/cumm	4000 - 11000
DIFFERENTIAL COUNT			
NEUTROPHILS	57	%	40 - 80
LYMPHOCYTES	30	%	20 - 40
EOSINOPHILS	03	%	0 - 6
MONOCYTES	10	%	2 - 10
BASOPHILS	00	%	0 - 1
PLATELET COUNT	212000	/ cumm	150000 - 450000
MPV	9.3	fl	6.5 - 11.5
PDW	15.6	%	9.0 - 17.0
PCT	0.200	%	0.200 - 0.500
RBC MORPHOLOGY	Normocytic Normochro	mic	
WBC MORPHOLOGY	Normal		
PLATELETS ON SMEAR	Adequate		
Markey J. EDTA Miles In Discol. Tracks	Land and Allertan Land Charles	C-II CI DDC	and District according

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 ------

Checked By

Priyanka_Deshmukh

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. 26/2/2024 10:25 am Lab ID. Received On : 184913

: 26/2/2024 7:25 pm Reported On Age/Sex : 63 Years / Male

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

URINE ROUTINE EXAMINATION

TEST NAME UNIT REFERENCE RANGE **RESULTS**

URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

VOLUME 20ml

COLOUR Pale Yellow Pale Yellow

APPEARANCE Slightly hazy Clear

CHEMICAL EXAMINATION

REACTION Acidic Acidic

(methyl red and Bromothymol blue indicator)

1.005 - 1.022 SP. GRAVITY 1.010

(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 Normal Normal

(Red azodye)

LEUKOCYTES Absent Absent

(pyrrole amino acid ester diazonium salt)

Negative

(Diazonium compound With tetrahydrobenzo quinolin 3-phenol)

MICROSCOPIC EXAMINATION

RED BLOOD CELLS Absent / HPF Absent **PUS CELLS** 0-2 / HPF 0 - 5 **EPITHELIAL** 0-2 / HPF 0 - 5

CASTS Absent

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Name : Mr. VISHVAS JOSHI (A) **Collected On** : 26/2/2024 10:15 am

. 26/2/2024 10:25 am Lab ID. Received On : 184913

: 26/2/2024 7:25 pm Reported On Age/Sex : 63 Years / Male

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

URINE ROUTINE EXAMINATION

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
CRYSTALS	Absent		
BACTERIA	Absent		Absent
YEAST CELLS	Absent		Absent
ANY OTHER FINDINGS	Absent		
REMARK	Result relates to sample	tested. Kindly cor	relate with clinical findings.

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

----- END OF REPORT --

Checked By

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Lab ID. : 184913

Reported On : 26/2/2024 7:25 pm Age/Sex : 63 Years / Male

Received On

3rd Trimester

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

. 26/2/2024 10:25 am

IMMUNO ASSAY UNIT **TEST NAME** REFERENCE RANGE **RESULTS TFT (THYROID FUNCTION TEST) SPACE** Space **SPECIMEN** Serum T3 93.40 ng/dl 84.63 - 201.8 T4 7.24 µq/dl 5.13 - 14.06 **TSH** 3.53 μIU/ml 0.270 - 4.20 T3 (Triido Thyronine) T4 (Thyroxine) TSH(Thyroid stimulating hormone) **RANGES RANGES AGE RANGE AGE** AGE 1-30 days 100-740 11.8-22.6 0-14 Days 1.0-39 1-14 Davs 105-245 1-2 weeks 9.9-16.6 2 wks -5 months 1.7-9.1 1-11 months 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 Pregnancy 82-213 7.3-15.0 1st Trimester 11-15 yrs 1-5 yrs 0.1 - 2.580-210 5-10 yrs 6.4-13.3 2nd Trimester 15-20 yrs 0.20-3.0

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.

11-15 yrs

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

Checked By

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. 26/2/2024 10:25 am Lab ID. Received On : 184913

Reported On : 26/2/2024 7:25 pm Age/Sex : 63 Years / Male

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

HAEMATOLOGY

UNIT REFERENCE RANGE TEST NAME **RESULTS**

BLOOD GROUP

SPECIMEN WHOLE BLOOD EDTA & SERUM

* ABO GROUP '0'

RH FACTOR **POSITIVE**

Method: Slide Agglutination and Tube Method (Forward grouping & Reverse grouping)

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

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

Checked By

Priyanka_Deshmukh

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Lab ID. : 184913

Reported On : 26/2/2024 7:25 pm Age/Sex : 63 Years / Male

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

Received On



. 26/2/2024 10:25 am

*RENAL FUNCTION TEST TEST NAME UNIT REFERENCE RANGE **RESULTS BLOOD UREA** 34.2 mg/dL 18 - 55 (Urease UV GLDH Kinetic) **BLOOD UREA NITROGEN** Adult - 7 To 18 mg/dl 15.98 mg/dL >60 8 To 21 mg/dl (Calculated) S. CREATININE 1.15 0.6 - 1.4mg/dL (Enzymatic) S. URIC ACID 7.5 mg/dL 3.5 - 7.2(Uricase) S. SODIUM 141.0 mEq/L 137 - 145 (ISE Direct Method) S. POTASSIUM 4.0 mEq/L 3.5 - 5.1(ISE Direct Method) S. CHLORIDE 100.0 mEq/L 98 - 110 (ISE Direct Method) S. PHOSPHORUS 3.14 mg/dL 2.5 - 4.5 (Ammonium Molybdate) S. CALCIUM 9.2 mg/dL 8.6 - 10.2(Arsenazo III) **PROTEIN** 6.42 g/dl 6.4 - 8.3(Biuret) S. ALBUMIN 3.81 g/dl 3.2 - 4.6(BGC) S.GLOBULIN 2.61 g/dl 1.9 - 3.5 (Calculated) A/G RATIO 1.46 0 - 2 calculated NOTE BIOCHEMISTRY TEST DONE ON FULLY AUTOMATED (EM 200)

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

ANALYZER.

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

Checked By

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. 26/2/2024 10:25 am Lab ID. Received On 184913

Reported On : 26/2/2024 7:25 pm Age/Sex : 63 Years / Male

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

Peripheral smear examination

TEST NAME RESULTS

SPECIMEN RECEIVED WHOLE BLOOD EDTA

RBC Normocytic Normochromic.

WBC Total Leukocytes count is normal on smear.

> **NEUTROPHILS:57%** LYMPHOCYTES:30% EOSINOPHILS:03% MONOCYTES:10% BASOPHILS:00% Adequate on smear. No parasites seen.

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

Checked By

PLATELET

HEMOPARASITE

Priyanka Deshmukh

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Name : Mr. VISHVAS JOSHI (A)

Lab ID. : 184913

Age/Sex : 63 Years / Male

Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS / **Collected On** : 26/2/2024 10:15 am

. 26/2/2024 10:25 am Received On Reported On : 26/2/2024 7:25 pm

Report Status : FINAL

LIVER FUNCTION TEST TEST NAME UNIT REFERENCE RANGE **RESULTS TOTAL BILLIRUBIN** 0.77 mg/dL 0.1 - 1.2(Method-Diazo) **DIRECT BILLIRUBIN** 0.33 0.0 - 0.4mg/dL (Method-Diazo) **INDIRECT BILLIRUBIN** 0.44 0 - 0.8 mg/dL Calculated SGOT(AST) U/L 18.3 0 - 37 (UV without PSP) 17.8 UP to 40 SGPT(ALT) U/L UV Kinetic Without PLP (P-L-P) **ALKALINE PHOSPHATASE** U/L 56 - 119 104.0 (Method-ALP-AMP) S. PROTIEN 6.45 6.4 - 8.3g/dl (Method-Biuret) S. ALBUMIN 3.81 3.2 - 4.6g/dl (Method-BCG) 1.90 - 3.50 S. GLOBULIN 2.64 g/dl Calculated A/G RATIO 1.44 0 - 2 Calculated

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

Checked By

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Name : Mr. VISHVAS JOSHI (A) **Collected On**

Lab ID. : 184913

Age/Sex : 63 Years / Male

Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS / : 26/2/2024 10:15 am

. 26/2/2024 10:25 am

Reported On : 26/2/2024 7:25 pm

Report Status : FINAL

Received On

HAEMATOLOGY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>ESR</u>			
ESR	10	mm/1hr.	0 - 20

METHOD - WESTERGREN

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

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: 26/2/2024 10:15 am Name : Mr. VISHVAS JOSHI (A) Collected On

. 26/2/2024 10:25 am Received On Lab ID. : 184913

: 26/2/2024 7:25 pm Reported On Age/Sex : 63 Years / Male

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

BIOCHEMISTRY UNIT REFERENCE RANGE **RESULTS** 29.3 U/L 13 - 109

BLOOD GLUCOSE FASTING & PP

BLOOD GLUCOSE FASTING 110.3 mg/dL 70 - 110 **BLOOD GLUCOSE PP** 70 - 140 169.6 mg/dL

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

TEST NAME

GAMMA GT

- 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%

GLYCOCELATED HEMOGLOBIN (HBA1C)

HBA1C (GLYCOSALATED	6.0	%	Hb A1c
HAEMOGLOBIN)			> 8 Action suggested
			< 7 Goal
			< 6 Non - diabetic level
AVERAGE BLOOD GLUCOSE (A. B.	125.5	mg/dL	NON - DIABETIC : <=5.6
G.)			PRE - DIABETIC: 5.7 - 6.4
			DIABETIC: >6.5

Particle Enhanced Immunoturbidimetry

Checked By

METHOD

Priyanka Deshmukh

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

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^{***}Any positive criteria should be tested on subsequent day with same or other criteria.



. 26/2/2024 10:25 am Lab ID. Received On : 184913

Reported On : 26/2/2024 7:25 pm Age/Sex : 63 Years / Male

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

BIOCHEMISTRY

UNIT REFERENCE RANGE TEST NAME **RESULTS**

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.

Checked By

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: Mr. VISHVAS JOSHI (A) **Collected On** : 26/2/2024 10:15 am Name

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Reported On : 26/2/2024 7:25 pm Age/Sex : 63 Years / Male

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

REPORT ON IMMUNOLOGY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
PSA (PROSTATE SPECIFIC ANTIGEN)(TOTAL)	1.270	ng/ml	0 - 4

INTERPRETATION:

(CLIA)

Increased levels are noted in prostate cancer, benign prostatic hypertrophy, prostatitis

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

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

Checked By

Priyanka_Deshmukh

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