

ARDIOLOGIST



APEX HOSPITALS KANDIVALI
A Superspeciality Hospital

CASHLESS FACILITY

Akshay Road, Next to Lodha Woods - Lokhandwala Township,
Near Mahindra Gate No. 4, Kandivali (E), Mumbai 400101.
Email: info@apexhospitals.in | www.apexgroupofhospitals.com

Tele.: 022-82747000 (100 Lines)

108/24

MRS. Disha Joshi 324/F

wt - 60.8kg
Height - 165cm
BP - 120/80mmHg
Pulse - 84/min
SPO2 - 99.1

ORTHOPEDIC | SPINE | CARDIOLOGY | GENERAL SURGERY | LAPAROSCOPY | CRITICAL CARE | GASTROENTEROLOGY | CANCER | DERMATOLOGY | NEPHROLOGY | VASCULAR SURGERY | ENT | OPHTHALMOLOGY | PLASTIC SURGERY | UROLOGY | PEDIATRICS

TREADMILL TEST REPORT

MRS DISHA JOSHI
 ID : 8933
 DATE : 23-03-2024
 AGE/SEX : 32 / F
 HT/WT : 165 / 60
 REF. BY : APEX HOSPITAL KANDIVALI

PROTOCOL : Bruce
 HISTORY :
 INDICATION :
 MEDICATION :

PHASE	TOTAL TIME	STAGE TIME	SPEED Km/Hr	GRADE %	H.R. bpm	B.P. mmHg	RPP x100
UPINE					104	120 / 70	124
stage 1	2:55	2:55	2.7	10	111	120 / 80	133
stage 2	5:55	2:55	4	12	126	130 / 70	163
stage 3	8:55	2:55	5.4	14	148	130 / 80	192
K-EXERCISE	9:47	0:47	6.7	16	169	140 / 80	236
RECOVERY:	10:28	0:29			141	140 / 80	197

RESULTS

EXERCISE DURATION : 9:47
 MAX HEART RATE : 169 bpm 89 % of target heart rate 188 bpm
 MAX BLOOD PRESSURE : 140 / 80 mm Hg
 REASON OF TERMINATION :
 BP RESPONSE :
 ARRHYTHMIA :
 H.R. RESPONSE :
 IMPRESSIONS :

Technician : 44

UNJ-KM, Indore, Tel: +91-731-4030035, Fax: +91-731-4031180. E-Mail: am@electromedicals.net

DR. VIVEK AGARWAL
 DM CARDIOLOGIST
 DNB CARDIOLOGIST
 ICCPR
 MD MEDICINE MBBS
 2008/10/3715

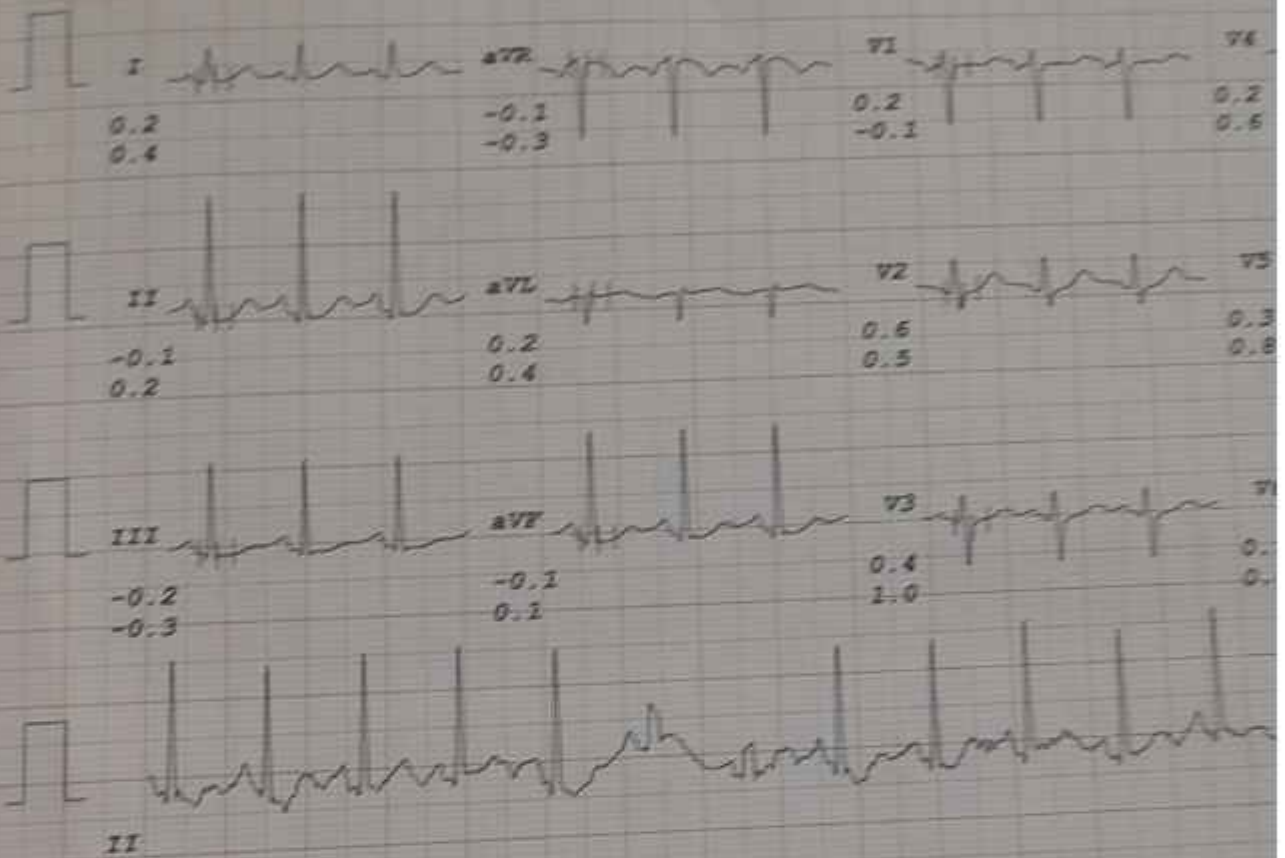
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MSD DISHA JOSHI
I.D. 8933
Age 32/F
Date 23-03-2024

PATE 126bpm
B.P. 130/70

Bruce
Stage 2
TOTAL TIME 5:55
PHASE TIME 2:55

ST # 10a
60ms Ppr
Speed 4
SLOPE 1.2



120-20, Thayer, Tel: +90-720-422

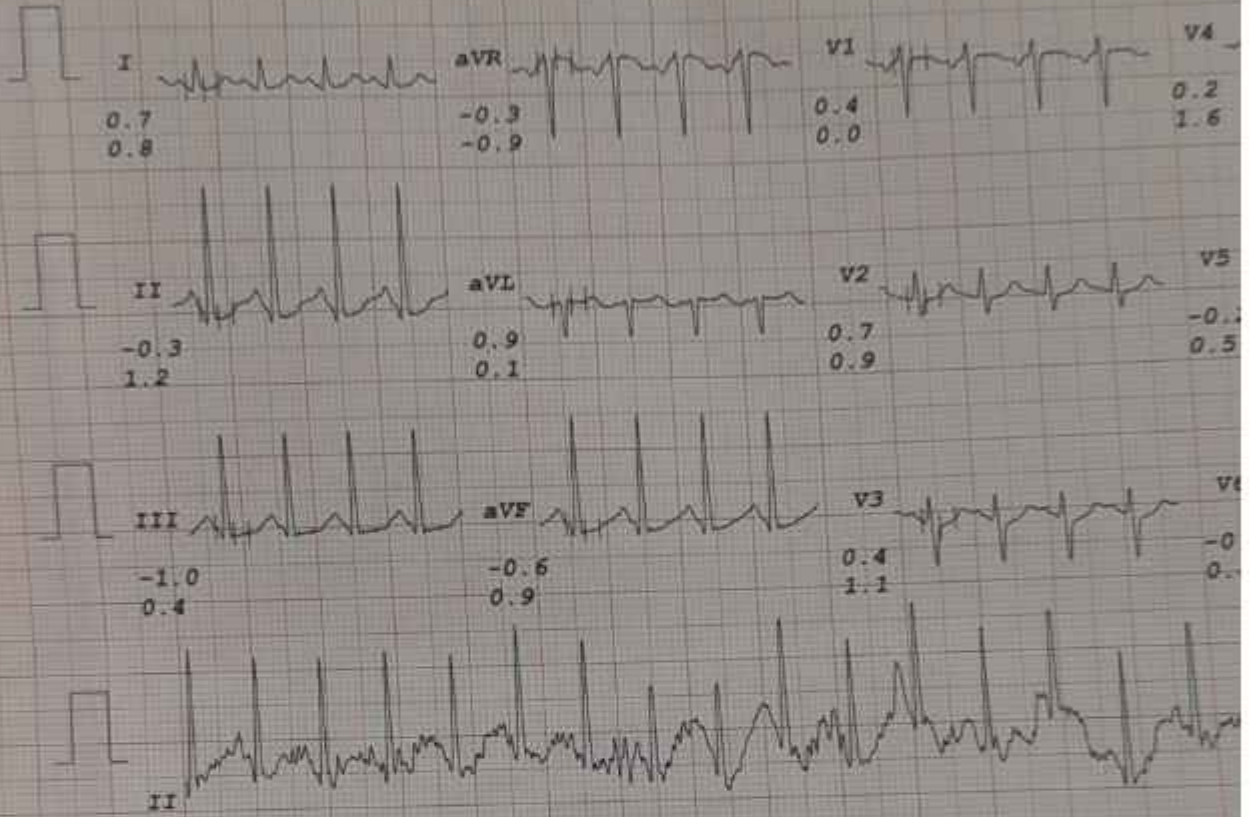
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MRS DISHA JOSHI
I.D. 8933
Age 32/F
Date 23-03-2024

RATE 169bpm
B.P. 140/80

Bruce
PK-EXERCISE
TOTAL TIME 9:47
PHASE TIME 0:47

ST # 10m
80ms Post
Speed 6
SLOPE 16



DR. J. K. JOSHI, MD. - 81-121-403

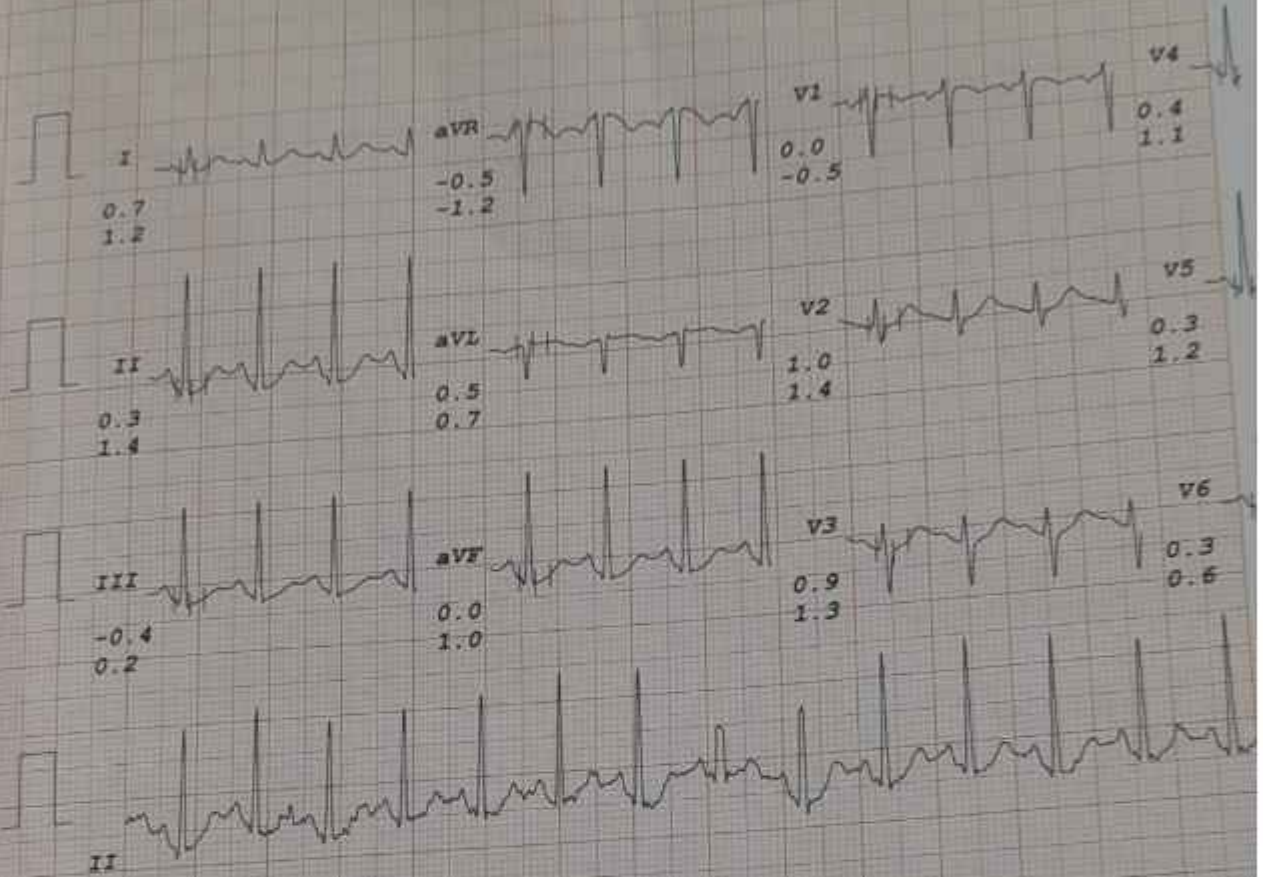
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MRS DISMA JOSHI
I.D. 8933
Age 32/F
Date 23-03-2024

RATE 141bpm
B.P. 140/80

Bruce
RECOVERY
TOTAL TIME 10:28
PHASE TIME 0:29

ST # 10mm
80ms Post



DWI-EM, Indore, Tel.: 41-731-420023



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Tele.:
022-62747000 (100 Lines)

DEPARTMENT OF LABORATORY SCIENCES

Patient Name	Mrs. DISHA JOSHI	LabNo	14916
UHID/IP No	150009693 / 11392	Sample Date	23/03/2024 5:24PM
Age/Gender	32 Yrs/Female	Receiving Date	23/03/2024 5:39PM
Bed No/Ward	OPD	Report Date	23/03/2024 6:40PM
Prescribed By	Dr. Ramesh Hari Pawar	Report Status	Final



HAEMATOLOGY

Test Name	Result	Unit	Biological Ref. Range	Method
COMPLETE BLOOD COUNT(CBC) EDTA WHOLE BLOOD				
Sample: W, B, EDTA				
Haemoglobin Estimation (Hb)	12.7 L	gm/dl	13.5 - 18.0	SLS- Hb Method
RBC Count (Red Blood Cell)	4.79	10 ⁶ /uL	4.70 - 6.00	
PCV (Haematocrit)	37.6 L	%	40.0 - 50.0	Calculated
MCV	78.5	fl	78 - 100	Calculated
MCH	26.51 L	pg	27 - 31	Calculated
MCHC	33.78	gm/dl	30 - 36	Calculated
RDW	12.0	%	11.0 - 16.0	Calculated
Total Leukocyte Count (TLC)	8500	cells/cu.mm	4000.0 - 10500.0	
Neutrophil %	58	%	40 - 80	
Lymphocyte %	40	%	20 - 40	
Eosinophil %	01	%	0 - 6	
Monocytes %	01	%	1 - 12	
Basophil %	00	%	0 - 2	
Absolute Neutrophil Count (ANC)	4930	/cu.mm	2000 - 7000	Calculated
Absolute Lymphocyte Count	3400 H	/cu.mm	1000 - 3000	Calculated
Absolute Eosinophil Count (AEC)	85	/cu.mm	20 - 500	Calculated
Absolute Monocyte Count	85 L	/cu.mm	200 - 1000	Calculated
Absolute Basophil Count	0.00	/cu.mm		CALCULATED
WBCs Morphology	Within normal limits.			
RBCs Morphology	Normocytic Normochromic.			
Platelet Count	193	10 ³ /uL	150 - 400	DC Detection
Platelets Morphology	Adequate on smear			
MPV	12.4 H	fl	7 - 12	

--End Of Report--

Dr. SANDEEP B PORWAL
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HAEMATOLOGY

Test Name	Result	Unit	Biological Ref. Range	Method
ERYTHROCYTE SEDIMENTATION RATE (ESR)				
Sample: W. B. EDTA				
ESR (Erythrocyte Sed. Rate)	20 H	mm/hr	< 15	Westergren

--End Of Report--

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IMMUNO-HAEMATOLOGY

Test Name	Result	Unit	Biological Ref. Range	Method
BLOOD GROUPING Sample: W. B. EDTA				
Blood Group (ABO and Rh)	"O" RH Positive			SLIDE METHOD

--End Of Report--

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CARERS
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Tele.:
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DEPARTMENT OF LABORATORY SCIENCES

Patient Name	Mrs. OISHA JOSHI	LabNo	14916	
UNID/IP No	150009693 / 11392	Sample Date	23/03/2024 5:24PM	
Age/Gender	32 Yrs/Female	Receiving Date	23/03/2024 5:39PM	
Bed No/Ward	OPD	Report Date	23/03/2024 6:40PM	
Prescribed By	Dr. Ramesh Hari Pawar	Report Status	Final	

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Range	Method
GLUCOSE (PP) Sample: Ft. Plasma				
Blood Sugar(2 Hours PP)	108.0	mg/dl	70 - 140	Glucose Oxidase,Hydrogen Peroxide

Note: An individual may show higher fasting glucose level in comparison to post prandial glucose level due to following reasons:
The glycaemic index and response to food consumed, Changes in body composition, Increased insulin response and sensitivity, Alimentary hypoglycemia, Renal glycosuria, Effect of oral hypoglycaemics & Insulin treatment.

GLUCOSE (FASTING)

Sample: Ft. Plasma				
Glucose (Fasting Blood Sugar / FBS)	99.0	mg/dl	70 - 110	Glucose Oxidase,Hydrogen Peroxide

--End Of Report--

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
Patient Name Mrs. BISHA JOSHI
UHID/IP No 150009693 / 11392
Age/Gender 32 Yrs/Female
Bed No/Ward OPD
Prescribed By Dr. Ramesh Hari Pawar

LabNo 14916
Sample Date 23/03/2024 5:24PM
Receiving Date 23/03/2024 5:39PM
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BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Range	Method
LIPID PROFILE SERUM Sample: Serum				
Cholesterol-Total	110.0	mg/dl	< 200.00	Cholesterol Oxidase, Esterase, Peroxidase Enzymatic End point
Triglycerides	56.0	mg/dl	< 150	Phosphotungstat
HDL Cholesterol	48.0	mg/dl	40.00 - 60.00	Calculated Value
VLDL Cholesterol	11.20	mg/dl	5.00 - 38.00	Calculated Value
LDL Cholesterol	50.80	mg/dl	< 100.00	Calculated Value
Cholesterol Total : HDL Cholesterol Ratio	2.29 L		3.50 - 5.00	Calculated Value
LDL Cholesterol : HDL Cholesterol Ratio	1.06 L		2.50 - 3.50	Calculated Value

--End Of Report--


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BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Range	Method
LIVER FUNCTION TEST (LFT) SERUM				
Sample: Serum				
Bilirubin Total (TBil)	0.82	mg/dl	0.30 - 1.30	Diphtylene Diazonium Salt
Bilirubin Direct (Dbil)	0.40	mg/dl	0.00 - 0.50	
Bilirubin Indirect	0.42	mg/dl	0 - 1	
SGPT (ALT)	52.35 H	U/L	5 - 40	IFCC modified
SGOT (AST)	29.67	U/L	5 - 40	IFCC modified
Protein Total	7.0	gm/dl	6.00 - 8.00	Biuret
Albumin	4.2	gm/dl	3.20 - 5.00	Bromocresol Green (BCG)
Globulin	2.80	gm/dl	1.80 - 3.50	Calculated Value
A/G Ratio (Albumin/Globulin Ratio)	1.50		1.00 - 2.50	Calculated Value
Alkaline Phosphatase	110.6	IU/L	42 - 140	
GGTP (GAMMA GT)	29.99	IU/L	15.0 - 72.0	UV Kinetic IFCC

--End Of Report--

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BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Range	Method
FT (RENAL FUNCTION TEST)				
Sample: Serum				
Creatinine	0.96	mg/dl	0.70 - 1.50	Jaffes
BUN - Blood Urea Nitrogen	9	mg/dl	7 - 20	CDC Urease, Colorimetric
Calcium	8.9	mg/dl	8.6 - 10.5	Arsenazo III
Uric Acid	5.6	mm/hr	3.5 - 8.5	URICASE-PEROXIDASE
Phosphorus	4.0	mg/dl	2.5 - 5.0	Phosphomolybdate Reduction
Sodium	140.0	mEq/L	135 - 146	ISE Direct
Potassium	4.9	mEq/L	3.5 - 5.5	ISE Direct
Chloride	106.0	mEq/L	98 - 108	ISE Direct
Protein Total	7.0	gm/dl	6.00 - 8.00	Biuret
Albumin	4.2	gm/dl	3.20 - 5.00	Bromocresol Green (BCG)
Globulin	2.80	gm/dl	1.80 - 3.50	Calculated Value
A/G Ratio (Albumin/Globulin Ratio)	1.50		1.00 - 2.50	Calculated Value

--End Of Report--

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UHID/IP No	150009693 / 11392	Sample Date	23/03/2024 5:24PM
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CLINICAL PATHOLOGY

Test Name	Result	Unit	Biological Ref. Range	Method
URINE ROUTINE				
Sample: Urine				
PHYSICAL EXAMINATION				
Quantity	20	ml		
Color	Pale Yellow			Clear
Appearance	Slightly Hazy		1.010 - 1.025	
Specific Gravity	1.020			
CHEMICAL EXAMINATION				
pH	6.0		4.5 - 8.5	
Protein	Absent			
Glucose	Absent			
Ketone	Absent			
Occult Blood	Absent			Absent
Bile Salt	Absent			Absent
Bile Pigment	Absent			
MICROSCOPIC EXAMINATION				
Pus Cells	1-2/hpf			
RBCs	Absent			
Epithelial Cells	4-5/hpf			
Crystals	Absent			Absent
Casts	Absent			Absent
Bacteria	Absent			Absent
Yeast Cells	Normal		Normal	
Amorphous Deposit	Absent			
Others	Absent			

--End Of Report--

Dr. SANDEEP B PORWAL
 MBBS MD (Path) Mumbai



Patient ID : PVD15323-24/74476
 Patient : MRS DISHA JOSHI
 Age/Sex : 32 Yrs/ Female
 Center : APEX HOSPITALS KANDIVALI
 Ref. By : Self

Sample ID : 24036630
 Reg. Date : 23/03/2024
 Report Date : 23/03/2024
 Case No. :



HbA1c-GLYCOSYLATED HAEMOGLOBIN

Test Description	Result	Unit	Biological Reference Range
HbA1c (EDTA WB)	5.2	%	< 5.6 Non-diabetic 5.7-6.4 Pre-diabetic > 6.5 Diabetic
Estimated Average Glucose (eAG)	102.54	mg/dL	
Method : HPLC-Biorad D10-USA			

INTERPRETATION

- HbA1c is used for monitoring diabetic control. It reflects the estimated average glucose (eAG).
 - HbA1c has been endorsed by clinical groups & ADA (American Diabetes Association) guidelines 2017, for diagnosis of diabetes using a cut-off point of 6.5%.
 - Trends in HbA1c are a better indicator of diabetic control than a solitary test.
 - Low glycosylated haemoglobin (below 4%) in a non-diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia (especially severe iron deficiency & haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.
 - To estimate the eAG from the HbA1c value, the following equation is used: $eAG(mg/dl) = 28.7 * A1c - 46.7$
 - Interference of Haemoglobinopathies in HbA1c estimation.
 - A. For HbF > 25%, an alternate platform (Fructosamine) is recommended for testing of HbA1c.
 - B. Homozygous hemoglobinopathy is detected, fructosamine is recommended for monitoring diabetic status.
 - C. Heterozygous state detected (D10/ Tocho GB is corrected for HbS and HbC trait).
 - In known diabetic patients, following values can be considered as a tool for monitoring the glycaemic control.
 - Excellent Control - 6 to 7 %
 - Fair to Good Control - 7 to 8 %
 - Unsatisfactory Control - 8 to 10 %
 - and Poor Control - More than 10 %.
- Note : Haemoglobin electrophoresis (HPLC method) is recommended for detecting hemoglobinopathy



Patient ID : PVD18323-24/74476
 Patient : MRS DISHA JOSHI
 Age/sex : 32 Yrs/ Female
 Center : APEX HOSPITALS KANDIVALI
 Ref. By : Self

Sample ID : 24030630
 Reg. Date : 23/03/2024
 Report Date : 23/03/2024
 Case No. :



IMMUNOASSAY

Test Description	Result	Unit	Biological Reference Range
TOTAL T3 T4 TSH (TFT)			
T3 (Triiodothyronine)	137.51	ng/dl	83-200 For Pregnant females: First Trim: 104.8 - 229.8 2nd Trim: 128.9 - 262.3 Third trim : 135.4 - 261.7
T4 (Thyroxine)	7.85	ug/dL	5.13 - 14.10 For Pregnant females: First Trim : 7.33 - 14.8 Second Trim : 7.93 - 16.1 Third Trim : 6.95 - 15.7
TSH(Thyroid Stimulating Hormone)	3.08	uIU/ml	0.27 - 4.20

Method : ECLIA

INTERPRETATION

TSH	T3 / FT3	T4 / FT4	Suggested Interpretation for the Thyroid Function Tests Pattern
Within Range	Decreased	Within Range	• Isolated Low T3-often seen in elderly & associated Non-Thyroidal illness. In elderly the drop in T3 level can be upto 25%.
Raised	Within Range	Within Range	• Isolated High TSH especially in the range of 4.7 to 15 mIU/ml is commonly associated with Physiological & Biological TSH Variability • Subclinical Autoimmune Hypothyroidism • Intermittent T4 therapy for hypothyroidism • Recovery phase after Non-Thyroidal illness
Raised	Decreased	Decreased	• Chronic Autoimmune Thyroiditis • Post thyroidectomy, Post radioiodine • Hypothyroid phase of transient thyroiditis
Raised or within Range	Raised	Raised or within Range	• Interfering antibodies to thyroid hormones (anti-TPO antibodies) • Intermittent T4 therapy or T4 overdose • Drug interference- Amiodarone, Heparin, Beta blockers, steroids, anti-epileptics
Decreased	Raised or within Range	Raised or within Range	• Isolated Low TSH -especially in the range of 0.1 to 0.4 often seen in elderly & associated with Non-Thyroidal illness • Subclinical Hyperthyroidism • Thyroxine ingestion
Decreased	Decreased	Decreased	• Central Hypothyroidism • Non-Thyroidal illness • Recent treatment for Hyperthyroidism (TSH remains suppressed)
Decreased	Raised	Raised	• Primary Hyperthyroidism (Graves' disease), Multinodular goitre, Toxic nodule • Transient thyroiditis: Postpartum, Silent (lymphocytic), Postviral (granulomatous, subacute, DeQuervain's), Gestational thyrotoxicosis with hyperemesis gravidarum
Decreased or within Range	Raised	Within Range	• T3 toxicosis • Non-Thyroidal illness

-----End Of Report-----

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DR. SANDEEP B. PORW
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MMC Reg no 20010316

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MRS DISHA JOSHI 32 150009693 F Ped. ChestPA 23-Mar-24 SELF
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