

PHYSICAL EXAMINATION REPORT

Patient Name	Dev Raj Phiman	Sex/Age	M/56
Date	27/5/23	Location	Thane

History and Complaints

C/O - PTCA (2015)
- HTN

EXAMINATION FINDINGS:

Height (cms):	172	Temp (0c):	37.0
Weight (kg):	93	Skin:	Boils on shoulder
Blood Pressure	170/110	Nails:	NAD
Pulse	76/cms	Lymph Node:	

Systems :

without Medication

Cardiovascular:

Respiratory:

Genitourinary:

GI System:

CNS:

NAD

Impression:

ECG - Sinus Bradycardia.
Borderline PK

BSL (+) - Fupaired. ↓T3.
↑ A/C Ratio

2D EHO
mild LVH.
Frax - ↑ BLV
Prominence.

Advice: - Low Fat, Low Sugar Diet
Reg. Exercise

Wt. Reduction
Repeat sugar profile after 6 Months.
& Thyroid Profile →

1)	Hypertension:	Yes since 2003
2)	IHD	(2015) - PTCA
3)	Arrhythmia	
4)	Diabetes Mellitus	
5)	Tuberculosis	AKT taken H/o Spinal TB (2013)
6)	Asthama	
7)	Pulmonary Disease	
8)	Thyroid/ Endocrine disorders	
9)	Nervous disorders	
10)	GI system	
11)	Genital urinary disorder	Nil
12)	Rheumatic joint diseases or symptoms	
13)	Blood disease or disorder	
14)	Cancer/lump growth/cyst	
15)	Congenital disease	
16)	Surgeries	PTCA (2015)
17)	Musculoskeletal System	H/o - Spinal TB

PERSONAL HISTORY:

1)	Alcohol	No
2)	Smoking	No
3)	Diet	- Veg.
4)	Medication	- Tab. Rosavel/150 - Tab. O/wizest Beta. - Tab. Natrilam. - Tab. Corda 20.

REG NO :2314718143	SEX : MALE
NAME : MR. DEV RAJ DHIMAN	AGE : 56 YRS
REF BY : -----	DATE: 27.05.2023

2D ECHOCARDIOGRAPHY

M - MODE FINDINGS :

LVIDD	54	mm
LVIDS	32	mm
LVEF	60	%
IVS	14	mm
PW	8	mm
AO	17	mm
LA	37	mm

2D ECHO:

- All cardiac chambers are normal in size
- Left ventricular contractility : Normal
- Regional wall motion abnormality : Absent.
- Systolic thickening : Normal. LVEF = 60%
- Mitral, tricuspid , aortic , pulmonary valves are : Normal.
- Great arteries : Aorta and pulmonary artery are : Normal .
- Inter - atrial and inter - ventricular septum are intact .
- Pulmonary veins , IVC , hepatic veins are normal.
- No pericardial effusion . No intracardiac clots or vegetation.

PATIENT NAME : MR.DEV RAJ DHIMAN

COLOR DOPPLER:

- Mitral valve doppler – E- 0.9 m/s, A- 0.6 m/s.
- Mild TR.
- No aortic / mitral regurgitation. Aortic velocity 1.4 m/s, PG 7.7 mmHg
- No significant gradient across aortic valve.
- No diastolic dysfunction.

IMPRESSION :

- S/P PTCA.
- MILD CONCENTRIC HYPERTROPHY OF LV
- NO REGIONAL WALL MOTION ABNORMALITY AT REST.
- NORMAL LV SYSTOLIC FUNCTION.

-----End of the Report-----



DR.YOGESH KHARCHE
DNB(MEDICINE) DNB (CARDIOLOGY)
CONSULTANT INTERVENTIONAL CARDIOLOGIST.

022-6170-0000

CID : 2314718143
Name : Mr DEV RAJ DHIMAN
Age / Sex : 56 Years/Male
Ref. Dr :
Reg. Location : G B Road, Thane West Main Centre

Reg. Date : 27-May-2023
Reported : 27-May-2023 / 13:09

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X-RAY CHEST PA VIEW

There is evidence of mildly increased bilateral bronchovascular prominence.

Left costo-phrenic angle is not well visualised.

Right costo-phrenic angle is clear.

The cardiac size and shape are within normal limits.

The aorta shows normal radiological features.

The skeleton under review appears normal.

Suggest clinico pathological co-relation sos further investigation.

-----End of Report-----



Dr Gauri Varma
Consultant Radiologist
MBBS / DMRE
MMC- 2007/12/41.13

[Click here to view images <<ImageLink>>](#)

Date:- 27/5/23

CID:

Name:- Dev Raj Dhinu . Sex / Age: M-56

EYE CHECK UP

Chief complaints: RCW

Systemic Diseases: Nil

Past history: Nil

Unaided Vision: 3/12 RL +1/12 R-1/12

Aided Vision: 3/12 RL +1/12 R-1/6

Refraction:

(Right Eye)

(Left Eye)

	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance								
Near								

Colour Vision: Normal / ~~Abnormal~~

Remark: use own spectacles

MR. PRAKASH KUDVA
Prakash
SR. OPTOMETRIST



CID : 2314718143
Name : MR.DEV RAJ DHIMAN
Age / Gender : 56 Years / Male
Consulting Dr. : -
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 27-May-2023 / 08:58
Reported : 27-May-2023 / 11:02

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO

CBC (Complete Blood Count), Blood

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>RBC PARAMETERS</u>			
Haemoglobin	14.0	13.0-17.0 g/dL	Spectrophotometric
RBC	4.76	4.5-5.5 mil/cmm	Elect. Impedance
PCV	43.6	40-50 %	Measured
MCV	91.7	80-100 fl	Calculated
MCH	29.5	27-32 pg	Calculated
MCHC	32.2	31.5-34.5 g/dL	Calculated
RDW	14.1	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	7180	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	26.0	20-40 %	
Absolute Lymphocytes	1866.8	1000-3000 /cmm	Calculated
Monocytes	9.6	2-10 %	
Absolute Monocytes	689.3	200-1000 /cmm	Calculated
Neutrophils	60.1	40-80 %	
Absolute Neutrophils	4315.2	2000-7000 /cmm	Calculated
Eosinophils	4.0	1-6 %	
Absolute Eosinophils	287.2	20-500 /cmm	Calculated
Basophils	0.3	0.1-2 %	
Absolute Basophils	21.5	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Platelet Count	328000	150000-400000 /cmm	Elect. Impedance
MPV	8.3	6-11 fl	Calculated
PDW	10.1	11-18 %	Calculated

RBC MORPHOLOGY

Hypochromia	-
Microcytosis	-



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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	109.1	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	111.8	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	Absent	Absent	
Urine Sugar (PP)	Absent	Absent	
Urine Ketones (PP)	Absent	Absent	

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West
*** End Of Report ***



J. Mujawar

Dr. IMRAN MUJAWAR
M.D (Path)
Pathologist



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Age / Gender : 56 Years / Male
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Collected : 27-May-2023 / 08:58
Reported : 27-May-2023 / 12:23

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO
KIDNEY FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
BLOOD UREA, Serum	29.0	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	13.5	6-20 mg/dl	Calculated
CREATININE, Serum	0.93	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	89	>60 ml/min/1.73sqm	Calculated
Note: eGFR estimation is calculated using MDRD (Modification of diet in renal disease study group) equation			
TOTAL PROTEINS, Serum	6.5	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.5	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.0	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.3	1 - 2	Calculated
URIC ACID, Serum	6.5	3.5-7.2 mg/dl	Uricase
PHOSPHORUS, Serum	3.1	2.7-4.5 mg/dl	Ammonium molybdate
CALCIUM, Serum	9.4	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	135	135-148 mmol/l	ISE
POTASSIUM, Serum	4.5	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	98	98-107 mmol/l	ISE

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West
*** End Of Report ***

AREA OF SPECIAL EXPERTISE

OUR PRESENCE



J. Thakker

Dr. JYOT THAKKER
M.D. (PATH), DPB
Pathologist and AVP (Medical Services)



CID : 2314718143
Name : MR.DEV RAJ DHIMAN
Age / Gender : 56 Years / Male
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Collected : 27-May-2023 / 08:58
Reported : 27-May-2023 / 10:48

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO
GLYCOSYLATED HEMOGLOBIN (HbA1c)

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	5.6	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	114.0	mg/dl	Calculated

Intended use:

- In patients who are meeting treatment goals, HbA1c test should be performed at least 2 times a year
- In patients whose therapy has changed or who are not meeting glycemic goals, it should be performed quarterly
- For microvascular disease prevention, the HbA1C goal for non pregnant adults in general is Less than 7%.

Clinical Significance:

- HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.
- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of glycosylated hemoglobin in the blood.

Test Interpretation:

- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of Glycosylated hemoglobin in the blood.
- HbA1c test may be used to screen for and diagnose diabetes or risk of developing diabetes.
- To monitor compliance and long term blood glucose level control in patients with diabetes.
- Index of diabetic control, predicting development and progression of diabetic micro vascular complications.

Factors affecting HbA1c results:

Increased in: High fetal hemoglobin, Chronic renal failure, Iron deficiency anemia, Splenectomy, Increased serum triglycerides, Alcohol ingestion, Lead/opiate poisoning and Salicylate treatment.

Decreased in: Shortened RBC lifespan (Hemolytic anemia, blood loss), following transfusions, pregnancy, ingestion of large amount of Vitamin E or Vitamin C and Hemoglobinopathies

Reflex tests: Blood glucose levels, CGM (Continuous Glucose monitoring)

References: ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition.

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West

*** End Of Report ***



J. Thakker

Dr.JYOT THAKKER
M.D. (PATH), DPB
Pathologist and AVP(Medical Services)



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Reg. Location : G B Road, Thane West (Main Centre)

Collected : 27-May-2023 / 08:58
Reported : 27-May-2023 / 12:28

**MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO
PROSTATE SPECIFIC ANTIGEN (PSA)**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
TOTAL PSA, Serum	0.799	<4.0 ng/ml	CLIA

Clinical Significance:

- PSA is detected in the serum of males with normal, benign hyper-plastic, and malignant prostate tissue.
- Monitoring patients with a history of prostate cancer as an early indicator of recurrence and response to treatment.
- Prostate cancer screening 4.The percentage of Free PSA (FPSA) in serum is described as being significantly higher in patients with BPH than in patients with prostate cancer. 5.Calculation of % free PSA (ie. FPSA/TPSA x 100), has been suggested as way of improving the differentiation of BPH and Prostate cancer.

Interpretation:

Increased In- Prostate diseases,Cancer,Prostatitis, Benign prostatic hyperplasia, Prostatic ischemia, Acute urinary retention, Manipulations like Prostatic massage, Cystoscopy, Needle biopsy, Transurethral resection,Digital rectal examination, Radiation therapy, Indwelling catheter, Vigorous bicycle exercise, Drugs (e.g., testosterone), Physiologic fluctuations. Also found in small amounts in other cancers (sweat and salivary glands, breast, colon, lung, ovary) and in Skene glands of female urethra and in term placenta ,Acute renal failure, Acute myocardial infarction,

Decreased In- Ejaculation within 24-48 hours, Castration, Antiandrogen drugs (e.g., finasteride), Radiation therapy, Prostatectomy, PSA falls 17% in 3 days after lying in hospital, Artfactual (e.g., improper specimen collection; very high PSA levels).Finasteride (5-α-reductase inhibitor) reduces PSA by 50% after 6 months in men without cancer.

Reflex Tests: % FREE PSA , USG Prostate

Limitations:

- tPSA values determined on patient samples by different testing procedures cannot be directly compared with one another and could be the cause of erroneous medical interpretations. If there is a change in the tPSA assay procedure used while monitoring therapy, then the tPSA values obtained upon changing over to the new procedure must be confirmed by parallelmeasurements with both methods. Immediate PSA testing following digital rectal examination, ejaculation, prostatic massage, indwelling catheterization, ultrasonography and needle biopsy of prostate is not recommended as they falsely elevate levels.
- Patients who have been regularly exposed to animals or have received immunotherapy or diagnostic procedures utilizing immunoglobulins or immunoglobulin fragments may produce antibodies, e.g. HAMA, that interferes with immunoassays.
- PSA results should be interpreted in light of the total clinical presentation of the patient, including: symptoms, clinical history, data from additional tests, and other appropriate information.
- Serum PSA concentrations should not be interpreted as absolute evidence for the presence or absence of prostate cancer.

Reference:

- Wallach's Interpretation of diagnostic tests
- Total PSA Pack insert

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab
*** End Of Report ***



Anupa

Dr. ANUPA DIXIT
M.D.(PATH)
Consultant Pathologist & Lab Director



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Reported : 27-May-2023 / 14:24

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO
EXAMINATION OF FAECES

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>
<u>PHYSICAL EXAMINATION</u>		
Colour	Brown	Brown
Form and Consistency	Semi Solid	Semi Solid
Mucus	Absent	Absent
Blood	Absent	Absent
<u>CHEMICAL EXAMINATION</u>		
Reaction (pH)	Acidic (6.0)	-
Occult Blood	Absent	Absent
<u>MICROSCOPIC EXAMINATION</u>		
Protozoa	Absent	Absent
Flagellates	Absent	Absent
Ciliates	Absent	Absent
Parasites	Absent	Absent
Macrophages	Absent	Absent
Mucus Strands	Absent	Absent
Fat Globules	Absent	Absent
RBC/hpf	Absent	Absent
WBC/hpf	Absent	Absent
Yeast Cells	Absent	Absent
Undigested Particles	Present ++	-
Concentration Method (for ova)	No ova detected	Absent

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West
*** End Of Report ***



J. Thakker

Dr. JYOT THAKKER
M.D. (PATH), DPB
Pathologist and AVP (Medical Services)



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Collected : 27-May-2023 / 08:58
Reported : 27-May-2023 / 14:50

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO
URINE EXAMINATION REPORT

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	Acidic (6.5)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.010-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	50	-	-
CHEMICAL EXAMINATION			
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Absent	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
MICROSCOPIC EXAMINATION			
Leukocytes(Pus cells)/hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	0-1		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	0-1	Less than 20/hpf	

Interpretation: The concentration values of Chemical analytes corresponding to the grading given in the report are as follows:

- Protein:(1+ -25 mg/dl, 2+ -75 mg/dl, 3+ - 150 mg/dl, 4+ - 500 mg/dl)
- Glucose:(1+ - 50 mg/dl, 2+ -100 mg/dl, 3+ -300 mg/dl,4+ -1000 mg/dl)
- Ketone:(1+ -5 mg/dl, 2+ -15 mg/dl, 3+ - 50 mg/dl, 4+ - 150 mg/dl)

Reference: Pack insert

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West

*** End Of Report ***



MC-5314

J. Thakker

Dr.JYOT THAKKER
M.D. (PATH), DPB
Pathologist and AVP(Medical
Services)



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Reported : 27-May-2023 / 12:53

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO
BLOOD GROUPING & Rh TYPING

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	O
Rh TYPING	Positive

NOTE: Test performed by Semi- automated column agglutination technology (CAT)

Note : This Sample has also been tested for Bombay group/Bombay phenotype /Oh using anti H lectin

Specimen: EDTA Whole Blood and/or serum

Clinical significance:
ABO system is most important of all blood group in transfusion medicine

Limitations:

- ABO blood group of new born is performed only by cell (forward) grouping because allo antibodies in cord blood are of maternal origin.
- Since A & B antigens are not fully developed at birth, both Anti-A & Anti-B antibodies appear after the first 4 to 6 months of life. As a result, weaker reactions may occur with red cells of newborns than of adults.
- Confirmation of newborn's blood group is indicated when A & B antigen expression and the isoagglutinins are fully developed at 2 to 4 years of age & remains constant throughout life.
- Cord blood is contaminated with Wharton's jelly that causes red cell aggregation leading to false positive result
- The Hh blood group also known as Oh or Bombay blood group is rare blood group type. The term Bombay is used to refer the phenotype that lacks normal expression of ABH antigens because of inheritance of hh genotype.

References:

1. Denise M Harmening, Modern Blood Banking and Transfusion Practices- 6th Edition 2012. F.A. Davis company. Philadelphia
2. AABB technical manual

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*** End Of Report ***



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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO

LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	148.4	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	129.4	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	GPO-POD
HDL CHOLESTEROL, Serum	43.3	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	105.1	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	79.0	Optimal: <100 mg/dl Near Optimal: 100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High: >/= 190 mg/dl	Calculated
VLDL CHOLESTEROL, Serum	26.1	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	3.4	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	1.8	0-3.5 Ratio	Calculated

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*** End Of Report ***



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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO
THYROID FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Free T3, Serum	3.4	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	20.8	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	1.8	0.35-5.5 microlU/ml mIU/ml	ECLIA



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Interpretation:

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

Clinical Significance:

1)TSH Values between high abnormal upto15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors

can give falsely high TSH.

2)TSH values may be transiently altered because of non thyroidal illness like severe infections,liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non-thyroidal illness, TSH Resistance.
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal illness.
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.
High	High	High	Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.

Diurnal Variation:TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am , and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation:19.7%(with in subject variation)

Reflex Tests:Anti thyroid Antibodies,USG Thyroid ,TSH receptor Antibody. Thyroglobulin, Calcitonin

Limitations:

1. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours following the last biotin administration.
2. Patient samples may contain heterophilic antibodies that could react in immunoassays to give falsely elevated or depressed results. this assay is designed to minimize interference from heterophilic antibodies.

Reference:

- 1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)
- 2.Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357
- 3.Tietz ,Text Book of Clinical Chemistry and Molecular Biology -5th Edition
- 4.Biological Variation:From principles to Practice-Callum G Fraser (AACC Press)

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*** End Of Report ***

OUR PRESENCE



J. Thakker

Dr.JYOT THAKKER
M.D. (PATH), DPB
Pathologist and AVP(Medical Services)



CID : 2314718143
Name : MR.DEV RAJ DHIMAN
Age / Gender : 56 Years / Male
Consulting Dr. : -
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 27-May-2023 / 08:58
Reported : 27-May-2023 / 11:10

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO
LIVER FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
BILIRUBIN (TOTAL), Serum	0.42	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.20	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.22	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.5	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.5	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.0	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.3	1 - 2	Calculated
SGOT (AST), Serum	13.9	5-40 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	12.7	5-45 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	15.2	3-60 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	67.2	40-130 U/L	PNPP

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West
*** End Of Report ***



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Reg. No. : 2314718143	Sex : MALE
Name : MR. DEV RAJ DHIMAN	Age : 56 YRS
Ref. By : -----	Date : 27.05.2023

USG ABDOMEN AND PELVIS

LIVER: Liver appears normal in size and echotexture. There is no intra-hepatic biliary radical dilatation. No evidence of any focal lesion.

GALL BLADDER: Gall bladder is contracted.(Not evaluated)

PORTAL VEIN: Portal vein is normal. **CBD:** CBD is normal.

PANCREAS: Pancreas appears normal in echotexture. There is no evidence of any focal lesion or calcification. Pancreatic duct is not dilated.

KIDNEYS: Right kidney measures 9.4 x 3.8 cm. Left kidney measures 11.0 x 5.2 cm. Both kidneys are normal in shape and echotexture. Corticomedullary differentiation is maintained. There is no evidence of any hydronephrosis, hydroureter or calculus.

SPLEEN: Spleen is normal in size, shape and echotexture. No focal lesion is seen.

URINARY BLADDER: Urinary bladder is distended and normal. Wall thickness is within normal limits.

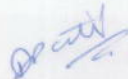
PROSTATE: Prostate is normal in size and echotexture in dimension and 23 cc in volume. No evidence of any focal lesion. Median lobe does not show significant hypertrophy.

No free fluid or significant lymphadenopathy is seen.

IMPRESSION: USG ABDOMEN IS WITHIN NORMAL LIMITS.

Note: Investigations have their limitations. Solitary radiological investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. USG is known to have inter-observer variations. Further/follow-up imaging may be needed in some cases for confirmation / exclusion of diagnosis.

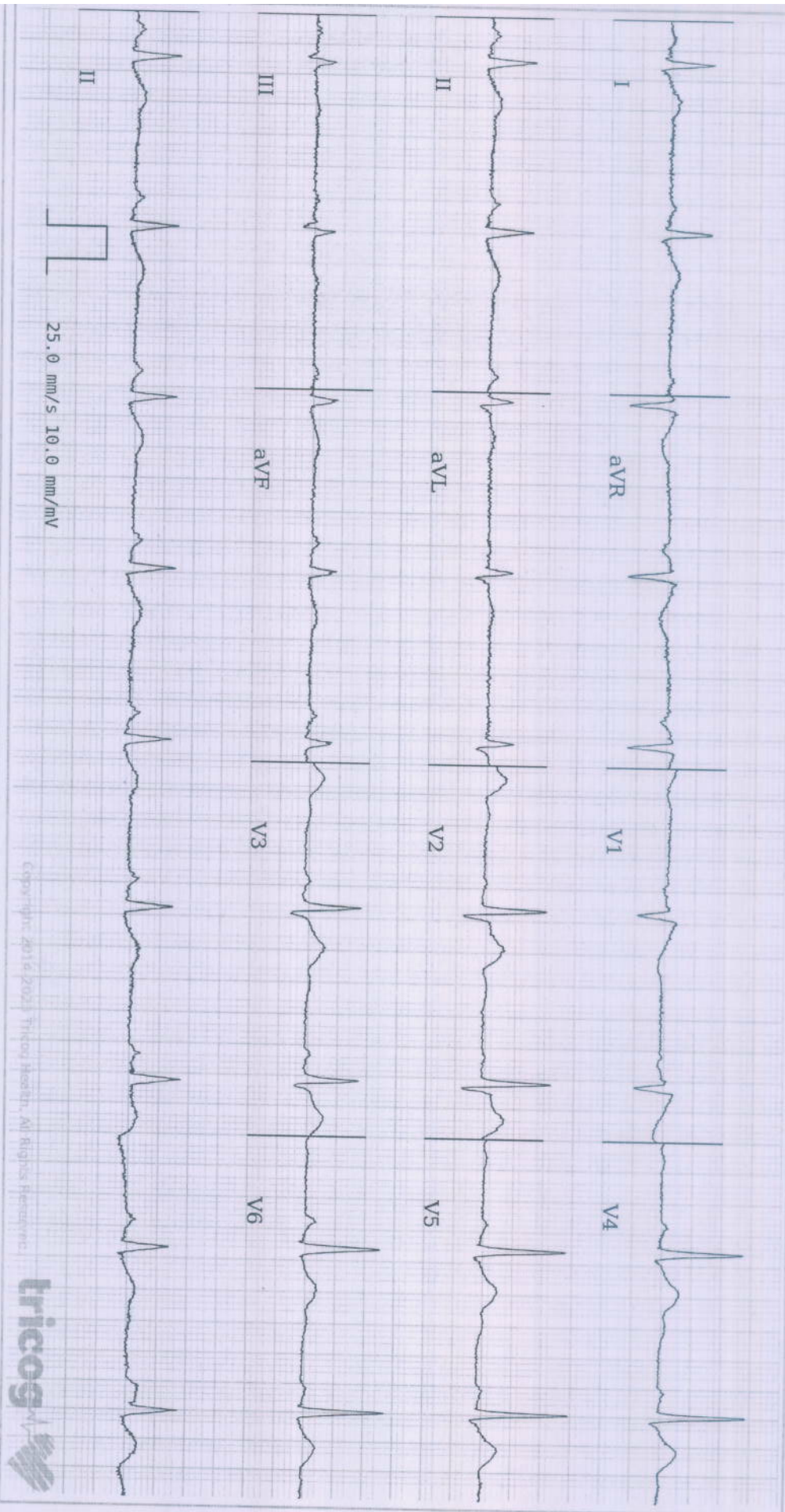
Advice: Clinical co-relation and further evaluation.


DR. DEVENDRA PATIL
MD (RADIO DIAGNOSIS)
(CONSULTANT RADIOLOGIST)

Patient Name: **DEV RAJ DHIMAN**

Date and Time: **27th May 23 1:00 PM**

Patient ID: **2314718143**



Age **56** **9** **14**
years months days

Gender **Male**

Heart Rate **55bpm**

Patient Vitals

BP: **170/110 mmHg**

Weight: **93 kg**

Height: **172 cm**

Pulse: **NA**

Spo2: **NA**

Resp: **NA**

Others:

Measurements

QRSD: **110ms**

QT: **446ms**

QTcB: **426ms**

PR: **166ms**

P-R-T: **58° 41° 38°**

REPORTED BY

DR. SHAILAJA PILLAI
MBBS, MD Physician
MD Physician
49972

Sinus Bradycardia. Borderline PR. Please correlate clinically.