

PHYSICAL EXAMINATION REPORT

Patient Name	Mohan Sarkale	Sex/Age	M / 58 yrs.
Date	8/01/2022	Location	Thane

History and Complaints

- ↓ Hearting
C/O - Heaviness in Abdomen
- Flatulence (+)
H/O - ↑ Cholesterol

EXAMINATION FINDINGS:

Height (cms):	165	Temp (0c):	(N)
Weight (kg):	70	Skin:	
Blood Pressure	150/110	Nails:	NAD
Pulse	76/min	Lymph Node:	

Systems :

Cardiovascular:	NAD
Respiratory:	
Genitourinary:	
GI System:	
CNS:	

Impression:

↑ B.P.
ECG - Abnormal T Waves · S/O Lateral Ischemia.
Fatty Liver

ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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- Monitor B.P. with Physicians

Advice:

- Low Fat, low sugar Diet.

- Cardiologist's consultation.

1)	Hypertension:	
2)	IHD	
3)	Arrhythmia	Nil
4)	Diabetes Mellitus	
5)	Tuberculosis	
6)	Asthama	
7)	Pulmonary Disease	H/o Pleural effusion
8)	Thyroid/ Endocrine disorders	
9)	Nervous disorders	
10)	GI system	- flatulence
11)	Genital urinary disorder	
12)	Rheumatic joint diseases or symptoms	Nil
13)	Blood disease or disorder	
14)	Cancer/lump growth/cyst	
15)	Congenital disease	
16)	Surgeries	- pleural tapping
17)	Musculoskeletal System	

PERSONAL HISTORY:

1)	Alcohol	occasional
2)	Smoking	(No)
3)	Diet	veg
4)	Medication	- Tab. Pan fix tab Coablin tab Udiliv



Dr. Manasee Kulkarni
B.B.S

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Date: 8/1/22

Name: Mohan Sankate

CID:

Sex / Age: M-48

EYE CHECK UP

Chief complaints: RCU

Systemic Diseases: Nil

Past history: Nil

Unaided Vision: BC 10 feet - NVBE x 1/18

Aided Vision: BC 6/12 NVB2N/A

Refraction:

(Right Eye)

(Left Eye)

	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance								
Near								

Colour Vision: Normal / ~~Abnormal~~

Remark: USC over specks



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CID : 2200872341
Name : MR. MOHAN D SARKATE
Age / Gender : 47 Years / Male
Consulting Dr. : -
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 08-Jan-2022 / 10:58
Reported : 08-Jan-2022 / 12:21

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT

CBC (Complete Blood Count), Blood

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
<u>RBC PARAMETERS</u>			
Haemoglobin	16.0	13.0-17.0 g/dL	Spectrophotometric
RBC	4.96	4.5-5.5 mil/cmm	Elect. Impedance
PCV	46.7	40-50 %	Measured
MCV	94	80-100 fl	Calculated
MCH	32.3	27-32 pg	Calculated
MCHC	34.3	31.5-34.5 g/dL	Calculated
RDW	13.2	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	7700	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	23.5	20-40 %	
Absolute Lymphocytes	1809.5	1000-3000 /cmm	Calculated
Monocytes	5.5	2-10 %	
Absolute Monocytes	423.5	200-1000 /cmm	Calculated
Neutrophils	70.3	40-80 %	
Absolute Neutrophils	5413.1	2000-7000 /cmm	Calculated
Eosinophils	0.7	1-6 %	
Absolute Eosinophils	53.9	20-500 /cmm	Calculated
Basophils	0.0	0.1-2 %	
Absolute Basophils	0.0	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<u>PLATELET PARAMETERS</u>			
Platelet Count	305000	150000-400000 /cmm	Elect. Impedance
MPV	8.2	6-11 fl	Calculated
PDW	13.0	11-18 %	Calculated
<u>RBC MORPHOLOGY</u>			
Hypochromia	-		
Microcytosis	-		

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Macrocytosis	-
Anisocytosis	-
Poikilocytosis	-
Polychromasia	-
Target Cells	-
Basophilic Stippling	-
Normoblasts	-
Others	Normocytic, Normochromic
WBC MORPHOLOGY	-
PLATELET MORPHOLOGY	-
COMMENT	-

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 10 2-15 mm at 1 hr. Westergren

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

Dr. AMIT TAORI
M.D (Path)
Pathologist

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	97.5	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	120.0	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	

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Reported : 08-Jan-2022 / 17:10

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT

GLYCOSYLATED HEMOGLOBIN (HbA1c)

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	5.7	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	116.9	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.

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT
PROSTATE SPECIFIC ANTIGEN (PSA)

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
TOTAL PSA, Serum	0.682	0.03-2.5 ng/ml	ECLIA

1. PSA is detected in the serum of males with normal, benign hyper-plastic, and malignant prostate tissue.
2. The percentage of Free PSA (FPSA) in serum is described as being significantly higher in patients with BPH than in patients with prostate cancer.
3. Calculation of the ratio of Free to Total PSA (ie. FPSA/TPSA), has been suggested as way of improving the differentiation of BPH and Prostate cancer.

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Reported : 08-Jan-2022 / 14:53

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT
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 (6.5)	-
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
Reducing Substances	-	Absent

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT
URINE EXAMINATION REPORT

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	Acidic (6.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.015	1.010-1.030	Chemical Indicator
Transparency	Slight hazy	Clear	-
Volume (ml)	40	-	-
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	2-3	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	3-4		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	4-5	Less than 20/hpf	

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Collected : 08-Jan-2022 / 10:58
Reported : 08-Jan-2022 / 14:16

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT
BLOOD GROUPING & Rh TYPING

PARAMETER	RESULTS
ABO GROUP	B
Rh TYPING	Positive

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

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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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT
LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	163.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	56.9	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	46.8	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	116.2	Desirable: <130 mg/dl Borderline-high: 130 - 159 mg/dl High: 160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	105.0	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	Homogeneous enzymatic colorimetric assay
VLDL CHOLESTEROL, Serum	11.2	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	3.5	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.2	0-3.5 Ratio	Calculated

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Collected : 08-Jan-2022 / 16:03
Reported : 08-Jan-2022 / 17:36

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT
KIDNEY FUNCTION TESTS

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
BLOOD UREA, Serum	21.6	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	10.1	6-20 mg/dl	Calculated
CREATININE, Serum	0.96	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	89	>60 ml/min/1.73sqm	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
URIC ACID, Serum	5.2	3.5-7.2 mg/dl	Uricase
PHOSPHORUS, Serum	2.3	2.7-4.5 mg/dl	Ammonium molybdate
CALCIUM, Serum	9.6	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	142	135-148 mmol/l	ISE
POTASSIUM, Serum	4.2	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	105	98-107 mmol/l	ISE

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT
THYROID FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Free T3, Serum	4.2	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	19.8	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	1.02	0.35-5.5 microIU/ml	ECLIA

Interpretation:

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

Clinical Significance:

- 1)TSH Values between 5.5 to 15 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: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.

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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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT
LIVER FUNCTION TESTS

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.58	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.30	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.28	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.6	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.5	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.1	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.1	1 - 2	Calculated
SGOT (AST), Serum	24.1	5-40 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	35.3	5-45 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	10.4	3-60 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	68.2	40-130 U/L	PNPP

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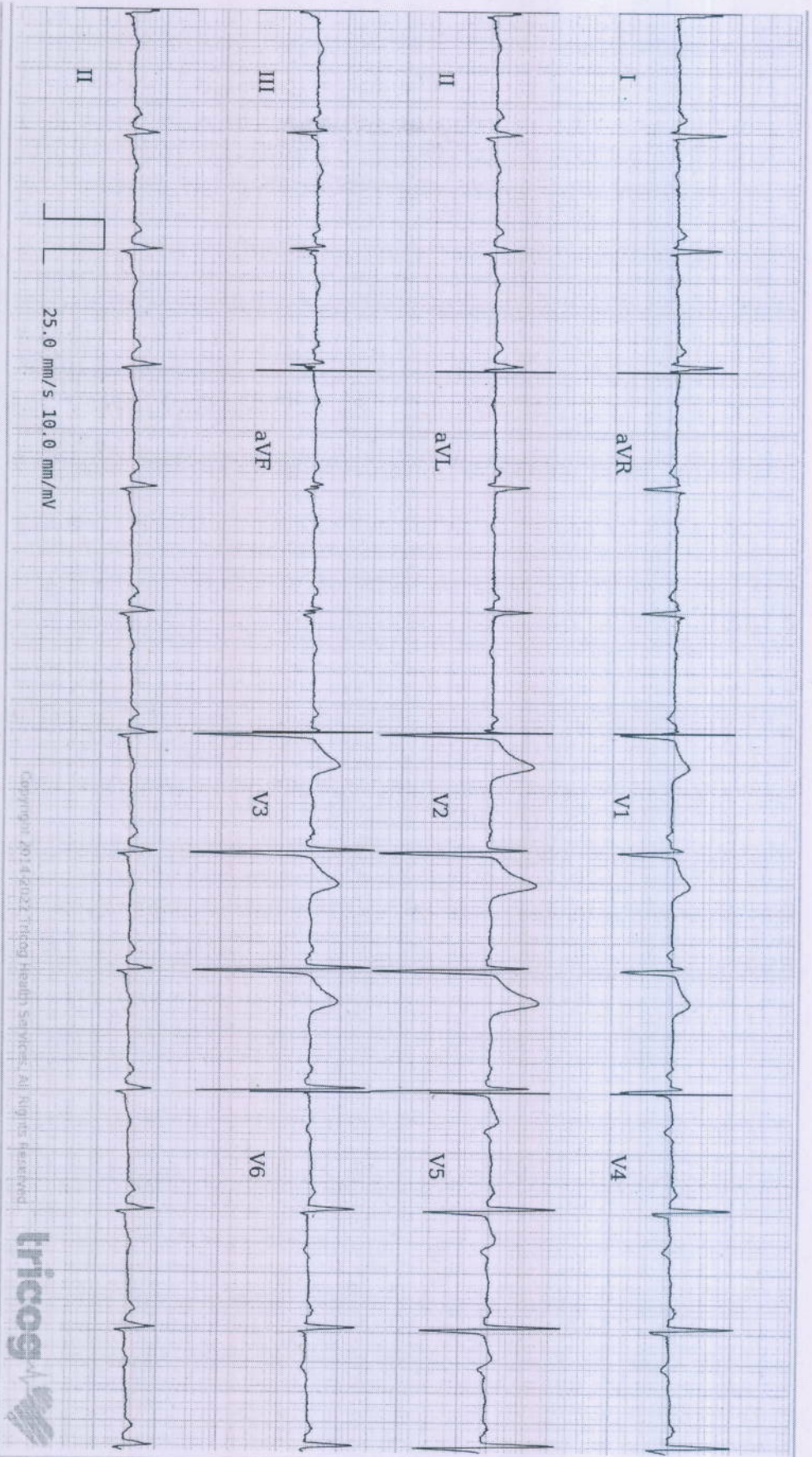
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Pathologist

Patient Name: MOHAN D SARKATE

Date and Time: 8th, Jan 22 12:40 PM

Patient ID: 2200872341



Age **47** **0** **1**
years months days

Gender **Male**

Heart Rate **76 bpm**

Patient Vitals

BP: NA

Weight: 70 kg

Height: 165 cm

Pulse: NA

Spo2: NA

Resp: NA

Others:

Measurements

QSQRD: 78 ms

QT: 358 ms

QTc: 402 ms

PR: 140 ms

P-R-T: 37° -1° 65°

REPORTED BY

DR SHAILAJA PILLAI

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MD Physician

49972

Sinus Rhythm, Normal Axis, Abnormal T waves suggestive of Lateral Ischemia. Please correlate clinically.

Disclaimer: 1) Analysis in this report is based on ECG alone and should be used as an adjunct to clinical history, symptoms, and results of other invasive and non-invasive tests and must be interpreted by a qualified physician. 2) Patient vitals are as entered by the clinician and not derived from the ECG.



CID : 2200872341
Name : Mr MOHAN D SARKATE
Age / Sex : 47 Years/Male
Ref. Dr :
Reg. Location : G B Road, Thane West Main Centre
Reg. Date : 08-Jan-2022 / 12:05
Reported : 08-Jan-2022 / 12:09

USG WHOLE ABDOMEN

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

GALL BLADDER: Gall bladder is distended and appears normal. Wall thickness is within normal limits. There is no evidence of any calculus.

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

PANCREAS: Visualised head of pancreas appears normal in size & echotexture. Rest is obscured by excessive bowel gas.

KIDNEYS: Right kidney measures 9.5 x 4.7 cm. Left kidney measures 9.2 x 4.8 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 partially distended and appears normal.

PROSTATE: Prostate is normal in size and echotexture and measures 2.9 x 3.2 x 3.3 cm in dimension and 16.2 cc in volume. No evidence of any focal lesion. Median lobe does not show significant hypertrophy.

No free fluid or significant lymphadenopathy is seen. **Bowel gas++**

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IMPRESSION:
GRADE I FATTY INFILTRATION OF LIVER.

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.

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

D. Patil

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Consultan Radiologist
MMC - 2013/02/0165

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