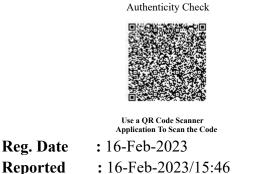


CID: 2304713557Name: Mrs RUPAL PATELAge / Sex: 35 Years/FemaleRef. Dr:Reg. Location: Malad West Main Centre



R

E

Р

N

R

Т

X-RAY CHEST PA VIEW

Both lung fields are clear.

Both costo-phrenic angles are clear.

The cardiac size and shape are within normal limits.

The domes of diaphragm are normal in position and outlines.

The skeleton under review appears normal.

<u>IMPRESSION:</u> NO SIGNIFICANT ABNORMALITY IS DETECTED.

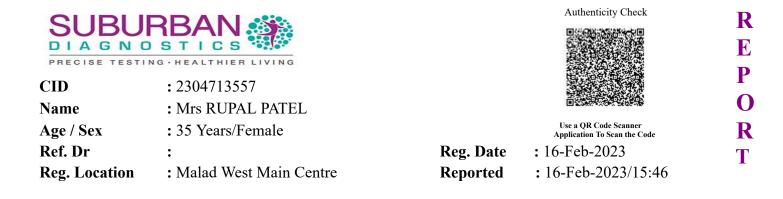
To be correlated clinically

Note: Investigations have their limitations. Solitary radiological investigations never confirm the final diagnosis. X- ray is known to have inter-observer variations. FThey only help in diagnosing the disease in correlation to clinical symptoms and other related tests.Further / Follow-up imaging may be needed in some case for confirmation of findings. Please interpret accordingly.

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

This report is prepared and physically checked by Dr Akash Chhari before dispatch.

DR. Akash Chhari MBBS. MD. Radio-Diagnosis Mumbai MMC REG NO - 2011/08/2862





CID#	: 2304713557			
Name	: MRS.RUPAL PATEL			
Age / Gender	: 35 Years/Female			
Consulting Dr.	4	Collected	: 16-Feb-2023 / 08:33	
Reg.Location	Malad Mart Art 1 A		. 10100-2020100.00	
reg.cocation	: Malad West (Main Centre)	Reported	: 16-Feb-2023 / 11:52	

PHYSICAL EXAMINATION REPORT

History and Complaints: NL

EXAMINATION FINDINGS:

Height (cms):	160 CMS	Weight (kg):	68.8 KGS
Temp (0c):	AFEBRILE	Skin:	NAD
Blood Pressure (mr	m/hg): 110/80	Nails:	NAD
Pulse:	82/MIN	Lymph Node:	NOT PALPABLE

Systems

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

Mill anenic

Impaired FBS / lylyco up.

R

E

P

0

R

т

ADVICE:

IMPRESSION:

Lifetyle modification. Further inv ad & for anemi.

CHIEF COMPLAINTS: 1) Hypertension:

NO



					F
CID#	: 2304713557				C
Name	: MRS.RUPAL PATEL				F
Age / Gender	: 35 Years/Female				Т
Consulting Dr			Collected	: 16-Feb-2023 / 08:33	
	: Malad West (Main Centre)		Reported	: 16-Feb-2023 / 11:52	
2) IHD		NO			
3) Arrh	ythmia	NO			
4) Diab	etes Mellitus	NO			
5) Tub	erculosis	NO			
6) Asth	ama	NO			
7) Puln	nonary Disease	NO			
8) Thy	oid/ Endocrine disorders	NO			
9) Nerv	vous disorders	NO			
10) GI s	ystem	NO			
11) Gen	ital urinary disorder	NO			
	umatic joint diseases or sympl	toms NO			
13) Bloc	od disease or disorder	NO			
14) Can	cer/lump growth/cyst	NO			
15) Con	genital disease	NO			
16) Surg	geries	NO			
17) Mus	culoskeletal System	NO			
PERSON	AL HISTORY:				
1) Alco	hol	NO			

1)	Alcohol	NO
2)	Smoking	NO
3)	Diet	VEG
4)	Medication	NO

*** End Of Report ***

R

E

Dr.Sonali Honrao MD physician Sr. Manager-Medical Services (Cardiology)



CID: 2304713557.

R

E

P

0

R

т

Name: Rupal Patel

Date:- 1610212023

Sex / Age: / Female

EYE CHECK UP

Chief complaints: --- No

Systemic Diseases: - NO

Past history: - NO

Unaided Vision: - Both Eye N.V - NG D-V - 619

Aided Vision:

Refraction:

(Right Eye)

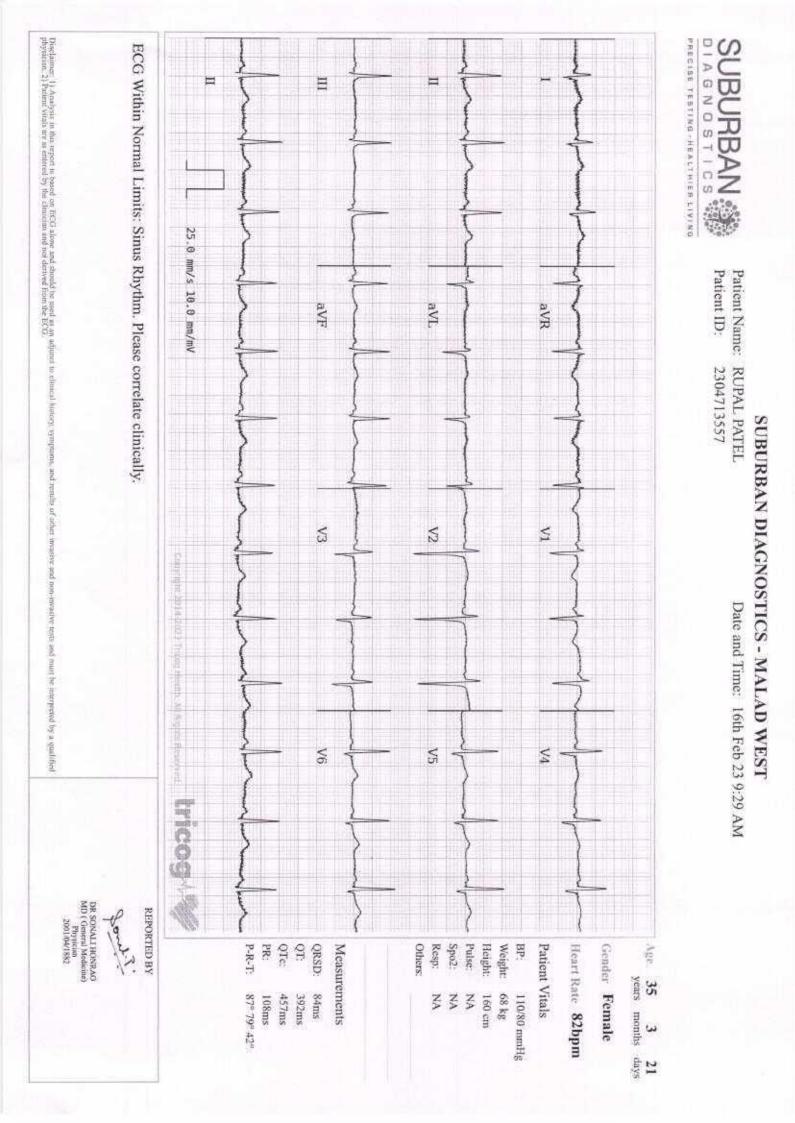
(Left Eye)

	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance				619				6/12
Near				NG				6112
C.C. MARK				No				NG

Colour Vision: Normal / Abnormal

Remark:

SUBURBAN DIAGNOCTICS (MDIA) PVT. LTD. 102-104, Ehoomi Castle, Opp. Goregaon Sports Club, Link Road, Malad (W), Mumbai - 400 064.





CID	: 2304713557
Name	: MRS.RUPAL PATEL
Age / Gender	: 35 Years / Female
Consulting Dr. Reg. Location	: - : Malad West (Main Centre)



R

E

P

0

R

т

Use a QR Code Scanner Application To Scan the Code d :16-Feb-2023 /

Collected Reported :16-Feb-2023 / 09:01 :16-Feb-2023 / 12:39

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

CBC (Complete Blood Count), Blood					
<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>		
RBC PARAMETERS					
Haemoglobin	11.6	12.0-15.0 g/dL	Spectrophotometric		
RBC	5.78	3.8-4.8 mil/cmm	Elect. Impedance		
PCV	36.1	36-46 %	Calculated		
MCV	62.4	80-100 fl	Measured		
MCH	20.1	27-32 pg	Calculated		
MCHC	32.2	31.5-34.5 g/dL	Calculated		
RDW	17.9	11.6-14.0 %	Calculated		
WBC PARAMETERS					
WBC Total Count	7000	4000-10000 /cmm	Elect. Impedance		
WBC DIFFERENTIAL AND	ABSOLUTE COUNTS				
Lymphocytes	26.4	20-40 %			
Absolute Lymphocytes	1848.0	1000-3000 /cmm	Calculated		
Monocytes	8.8	2-10 %			
Absolute Monocytes	616.0	200-1000 /cmm	Calculated		
Neutrophils	63.2	40-80 %			
Absolute Neutrophils	4424.0	2000-7000 /cmm	Calculated		
Eosinophils	1.4	1-6 %			
Absolute Eosinophils	98.0	20-500 /cmm	Calculated		
Basophils	0.2	0.1-2 %			
Absolute Basophils	14.0	20-100 /cmm	Calculated		
Immature Leukocytes	-				

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Platelet Count	434000	150000-400000 /cmm	Elect. Impedance
MPV	8.7	6-11 fl	Measured
PDW	14.6	11-18 %	Calculated
RBC MORPHOLOGY			

Page 1 of 12

REGD. OFFICE: Suburban Diagnostics (India) Pvt. Ltd., Aston, 2rd Floor, Sundervan Complex, Above Mercedes Showroom, Andheri West, Mumbai - 400053. CENTRAL REFERENCE LABORATORY: Shop No. 9, 101 to 105, Skyline Wealth Space Building, Near Dmart, Premier Road, Vidyavihar (W), Mumbai - 400086.

HEALTHLINE: 022-6170-0000 | E-MAIL: customerservice@suburbandiagnostics.com | WEBSITE: www.suburbandiagnostics.com

Corporate Identity Number (CIN): U85110MH2002PTC136144



CID	: 2304713557
Name	: MRS.RUPAL PATEL
Age / Gender	: 35 Years / Female
Consulting Dr.	: -
Reg. Location	: Malad West (Main Centre)

Hypochromia	+
Microcytosis	++
Macrocytosis	-
Anisocytosis	Mild
Poikilocytosis	Mild
Polychromasia	-
Target Cells	-
Basophilic Stippling	-
Normoblasts	-
Others	Elliptocytes-occasional
WBC MORPHOLOGY	-
PLATELET MORPHOLOGY	-
COMMENT	-
Note : Features are suggestive of t	halassemia trait.

sugge Advice : Hemoglobin studies by HPLC, Reticulocyte count. Result rechecked.

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR

2-20 mm at 1 hr.

Sedimentation

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West *** End Of Report ***

4





M. Jain

Dr.MILLU JAIN M.D.(PATH) Pathologist

Page 2 of 12



:2304713557

: -

: MRS.RUPAL PATEL

: 35 Years / Female

: Malad West (Main Centre)

CID

Name

Age / Gender

Consulting Dr.

Reg. Location

Authenticity Check

R

E

P

0

R

т

Use a QR Code Scanner Application To Scan the Code

Collected Reported :16-Feb-2023 / 09:01 :16-Feb-2023 / 14:15

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE				
PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>	
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	110.2	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase	
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	81.5	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase	
BILIRUBIN (TOTAL), Serum	0.50	0.1-1.2 mg/dl	Colorimetric	
BILIRUBIN (DIRECT), Serum	0.18	0-0.3 mg/dl	Diazo	
BILIRUBIN (INDIRECT), Serum	0.32	0.1-1.0 mg/dl	Calculated	
TOTAL PROTEINS, Serum	6.9	6.4-8.3 g/dL	Biuret	
ALBUMIN, Serum	4.6	3.5-5.2 g/dL	BCG	
GLOBULIN, Serum	2.3	2.3-3.5 g/dL	Calculated	
A/G RATIO, Serum	2	1 - 2	Calculated	
SGOT (AST), Serum	12.4	5-32 U/L	NADH (w/o P-5-P)	
SGPT (ALT), Serum	13.2	5-33 U/L	NADH (w/o P-5-P)	
GAMMA GT, Serum	17.0	3-40 U/L	Enzymatic	
ALKALINE PHOSPHATASE, Serum	95.0	35-105 U/L	Colorimetric	
BLOOD UREA, Serum	18.9	12.8-42.8 mg/dl	Kinetic	
BUN, Serum	8.8	6-20 mg/dl	Calculated	
CREATININE, Serum	0.72	0.51-0.95 mg/dl	Enzymatic	



DIAGNOSTICS				E P	
CID : 2304713557					0
Name	: MRS.RUPAL PA	TEL			R
Age / Gender : 35 Years / Femal		nale		Use a QR Code Scanner Application To Scan the Code	
Consulting Dr. Reg. Location	: - :Malad West (M	ain Centre)	Collected Reported	: 16-Feb-2023 / 14:19 : 16-Feb-2023 / 18:43	
eGFR, Se	erum	98	>60 ml/min/1.73	sqm Calculated	
URIC AC	ID, Serum	5.0	2.4-5.7 mg/dl	Enzymatic	
Urine Su	gar (Fasting)	Absent	Absent		
Urine Ket	tones (Fasting)	Absent	Absent		
Urine Su	gar (PP)	Absent	Absent		

Urine Ketones (PP) Absent Absent *Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West

*** End Of Report ***



Ant

Authenticity Check

R

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

Page 4 of 12



CID : 2304713557 Name : MRS.RUPAL PATEL Age / Gender : 35 Years / Female Consulting Dr. : -Reg. Location : Malad West (Main Centre)



R

Е

Collected : Reported :

:16-Feb-2023 / 09:01 :16-Feb-2023 / 20:44

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE GLYCOSYLATED HEMOGLOBIN (HbA1c) PARAMETER RESULTS **BIOLOGICAL REF RANGE** METHOD Glycosylated Hemoglobin HPLC 5.9 Non-Diabetic Level: < 5.7 % (HbA1c), EDTA WB - CC Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 % Estimated Average Glucose 122.6 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:

(eAG), EDTA WB - CC

- 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 CPL, Andheri West *** End Of Report ***





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

Page 5 of 12



CID	: 2304713557
Name	: MRS.RUPAL PATEL
Age / Gender	: 35 Years / Female
Consulting Dr. Reg. Location	: - : Malad West (Main Centre)

Authenticity Check

R

E

P

0

R

т

Use a QR Code Scanner Application To Scan the Code

Collected Reported

BIOLOGICAL REF RANGE

:16-Feb-2023 / 09:01 :16-Feb-2023 / 19:05

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE EXAMINATION OF FAECES

PARAMETER

PHYSICAL EXAMINATION		
Colour	Brown	Brown
Form and Consistency	Semi Solid	Semi Solid
Mucus	Absent	Absent
Blood	Absent	Absent
CHEMICAL EXAMINATION		
Reaction (pH)	Acidic (6.5)	-
Occult Blood	Absent	Absent
MICROSCOPIC EXAMINATION		
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

RESULTS

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West *** End Of Report ***





M. Jain

Dr.MILLU JAIN M.D.(PATH) Pathologist

Page 6 of 12



CID	: 2304713557
Name	: MRS.RUPAL PATEL
Age / Gender	: 35 Years / Female
Consulting Dr. Reg. Location	: - : Malad West (Main Centre)

Authenticity Check

R

Е

P

o

R

Use a QR Code Scanner Application To Scan the Code

Collected Reported

BIOLOGICAL REF RANGE

:16-Feb-2023 / 09:01 :16-Feb-2023 / 19:05

METHOD

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE URINE EXAMINATION REPORT

RESULTS

PARAMETER

PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	5.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.005	1.001-1.030	Chemical Indicator
Transparency	Clear	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 EXAMINATIO	<u>N</u>		
Leukocytes(Pus cells)/hpf	0-1	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	1-2		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	2-3	Less than 20/hpf	
Others	-		

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 CPL, Andheri West



M. Jain

Dr.MILLU JAIN M.D.(PATH) Pathologist

Page 7 of 12

REGD. OFFICE: Suburban Diagnostics (India) Pvt. Ltd., Aston, 2rd Floor, Sundervan Complex, Above Mercedes Showroom, Andheri West, Mumbai - 400053. CENTRAL REFERENCE LABORATORY: Shop No. 9, 101 to 105, Skyline Wealth Space Building, Near Dmart, Premier Road, Vidyavihar (W), Mumbai - 400086. HEALTHLINE: 022-6170-0000 | E-MAIL: customerservice@suburbandiagnostics.com | WEBSITE: www.suburbandiagnostics.com

Corporate Identity Number (CIN): U85110MH2002PTC136144



CID	: 2304713557
Name	: MRS.RUPAL PATEL
Age / Gender	: 35 Years / Female
Consulting Dr.	: -
Reg. Location	: Malad West (Main Centre)

Authenticity Check R E P O O Use a QR Code Scanner Application To Scan the Code T Collected : Reported :

*** End Of Report ***

Page 8 of 12



CID : 2304713557 Name : MRS.RUPAL PATEL Age / Gender : 35 Years / Female Consulting Dr. : -Reg. Location : Malad West (Main Centre)



AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE BLOOD GROUPING & Rh TYPING

Collected

Reported

PARAMETER

<u>RESULTS</u>

ABO GROUP

Rh TYPING

POSITIVE

0

NOTE: Test performed by automated column agglutination technology (CAT) which is more sensitive than conventional methods.

Note: This sample has not been tested for Bombay blood group.

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.

Refernces:

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

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West

*** End Of Report *



M. Jain

Dr.MILLU JAIN M.D.(PATH) Pathologist

Page 9 of 12



CID	: 2304713557
Name	: MRS.RUPAL PATEL
Age / Gender	: 35 Years / Female
Consulting Dr. Reg. Location	: - : Malad West (Main Centre)



R

E

P

0

R

т

Use a QR Code Scanner Application To Scan the Code

Collected Reported :16-Feb-2023 / 09:01 :16-Feb-2023 / 14:51

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
LIPID PROFILE

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	146.2	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	100.0	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	35.9	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	110.3	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	90.0	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	20.3	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.1	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.5	0-3.5 Ratio	Calculated

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West *** End Of Report ***



M. Jain

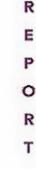
Dr.MILLU JAIN M.D.(PATH) Pathologist

Page 10 of 12



CID	: 2304713557
Name	: MRS.RUPAL PATEL
Age / Gender	: 35 Years / Female
Consulting Dr. Reg. Location	: - : Malad West (Main Centre)

Authenticity Check



Use a QR Code Scanner Application To Scan the Code

Collected Reported

3.5-6.5 pmol/L

11.5-22.7 pmol/L

First Trimester:9.0-24.7 Second Trimester:6.4-20.59 Third Trimester:6.4-20.59

0.35-5.5 microlU/ml

First Trimester:0.1-2.5 Second Trimester:0.2-3.0 Third Trimester:0.3-3.0

BIOLOGICAL REF RANGE

:16-Feb-2023 / 09:01 :16-Feb-2023 / 14:15

METHOD

ECLIA

ECLIA

ECLIA

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS

RESULTS

5.2

14.8

2.53

PARAMETER				
PARAMFIFR			ГТ	CD.
	PAR	AM		ск

Free T3, Serum

Free T4, Serum

sensitiveTSH, Serum

Page 11 of 12



				E
PRECISE TESTING - HEAL	THER LIVING			Р
CID	: 2304713557			0
Name	: MRS.RUPAL PATEL			R
Age / Gender	: 35 Years / Female		Use a QR Code Scanner Application To Scan the Code	т
Consulting Dr.	: -	Collected	:16-Feb-2023 / 09:01	
Reg. Location	: Malad West (Main Centre)	Reported	:16-Feb-2023 / 14:15	

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 trasiently altered becuase 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)

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West *** End Of Report ***



Authenticity Check

R

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

Page 12 of 12

SUBURBAN DIAGNOSTICS

Malad West

Station Telephone: Page 1/1

EXERCISE STRESS TEST REPORT

DOB: 26.10.1987

Gender: Female

Referring Physician:

Attending Physician: DR SONALI HONRAO

Age: 35yrs

Race: Asian

Technician: -

Patient Name: RUPAL, PATEL Patient ID: 2304713557 Height: 160 cm Weight: 68.8 kg

Study Date: 16.02.2023 Test Type: --Protocol: BRUCE

Medications:

Medical History:

Reason for Exercise Test:

Exercise Test Summary

Phase Name	Stage Name	Time	Speed	Grade	HR	BP	Comment
		in Stage	(mph)	(%)	(bpm)	(mmHg)	
PRETEST	SUPINE	00:16	0.00	0.00	102	110/80	
	STANDING	00:16	0.00	0.00	103	110/80	
	HYPERV.	00:13	0.00	0.00	104	110/80	
	WARM-UP	00:22	1.00	0.00	106	1975 27591	
EXERCISE	STAGE 1	03:00	1.70	10.00	151	126/80	
	STAGE 2	02:59	2.50	12.00	179	140/80	
RECOVERY		03:04	0.00	0.00	117	140/80	
- 9925 (1997 - 99 2 - 99		1979 S. 1	1000	215271			

The patient exercised according to the BRUCE for 5:58 min:s, achieving a work level of Max. METS: 7.00. The resting heart rate of 103 bpm rose to a maximal heart rate of 179 bpm. This value represents 96 % of the maximal, age-predicted heart rate. The resting blood pressure of 110/80 mmHg, rose to a maximum blood pressure of 140/80 mmHg. The exercise test was stopped due to Target heart rate achieved.

Interpretation

Summary: Resting ECG: normal. Functional Capacity: normal. HR Response to Exercise: appropriate, BP Response to Exercise: normal resting BP - appropriate response. Chest Pain: none. Arrhythmias: none. SUBURBAN DIACHCO - Control (A) FVT. LTD. ST Changes: none. Overall impression: Normal stress test. Unix Road, Malad (W), Mumbal - 400 064.

Conclusions

Fair effort tolerance. No Significant ST- T changes as compared to baseline. No chest pain / arrythmia noted. Stress test is negative for inducible ischemia.

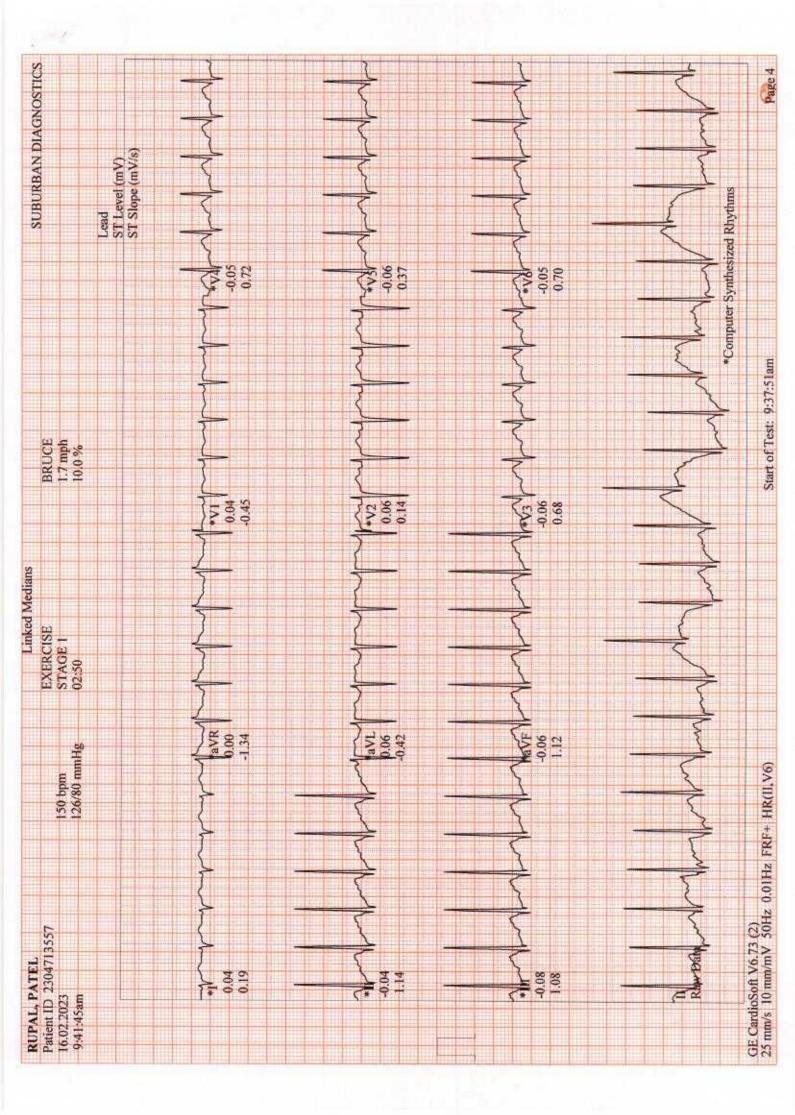
Disclaimer : Negative stress test does not rule out possibility of Coronary Artery Disease. Positive stress test is suggestive but not confirmatory of Coronary Artery Disease. Hence clinical correlation is mandatory.

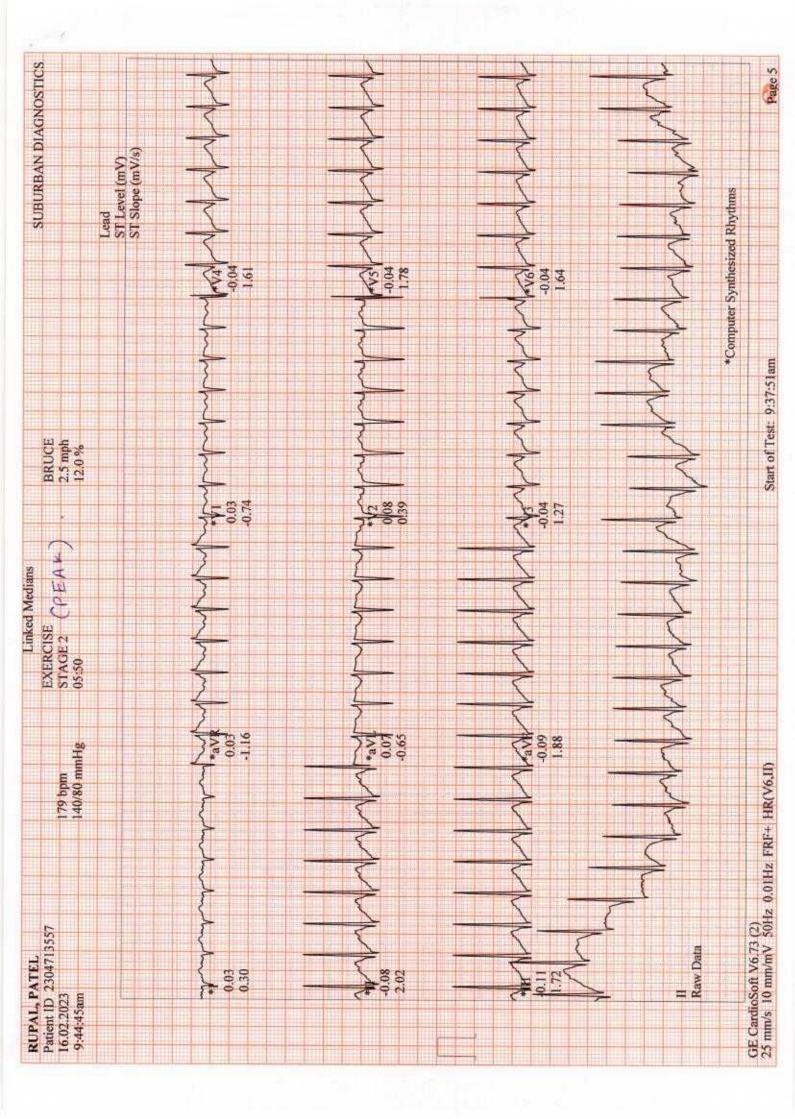
Dr. SONALI HONRAO

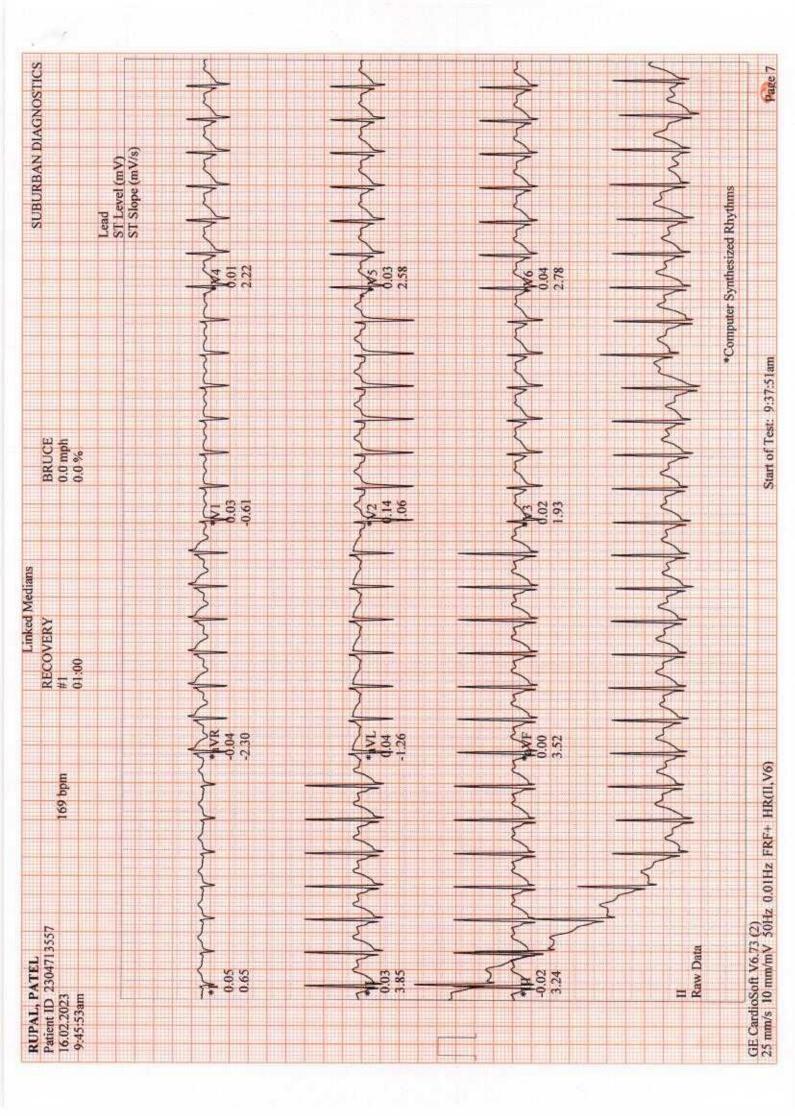
st J					 L and
Measured at 60ms Post J Auto Points	ST(mV) Le 0.01 V1 -0.04 V2	0.0 0.0 0.0 0.0 0.0 0 0.0 0 0 0 0 0 0 0			
Measu Auto P	Lead I II	a Kr	$\left\{ \begin{array}{c} \\ \\ \end{array} \right\}$		 5.61
BRUCE 0.0 mph 0.0 %		Ţ	$\left\{ \begin{array}{c} \\ \\ \\ \end{array} \right\}$		 00-1-00-1-0
		Ĩ			
TEST		}			
PRETEST SUPINE 00:14					
103 bpm 110/80 mmHg		A.R.		- avr	
304713557		ł			GE CardioSoft V6.73 (2)
Patient ID 2304713557 16.02.2023 9.38:11am		<u>\</u> -	<u> </u>		GE CardioS

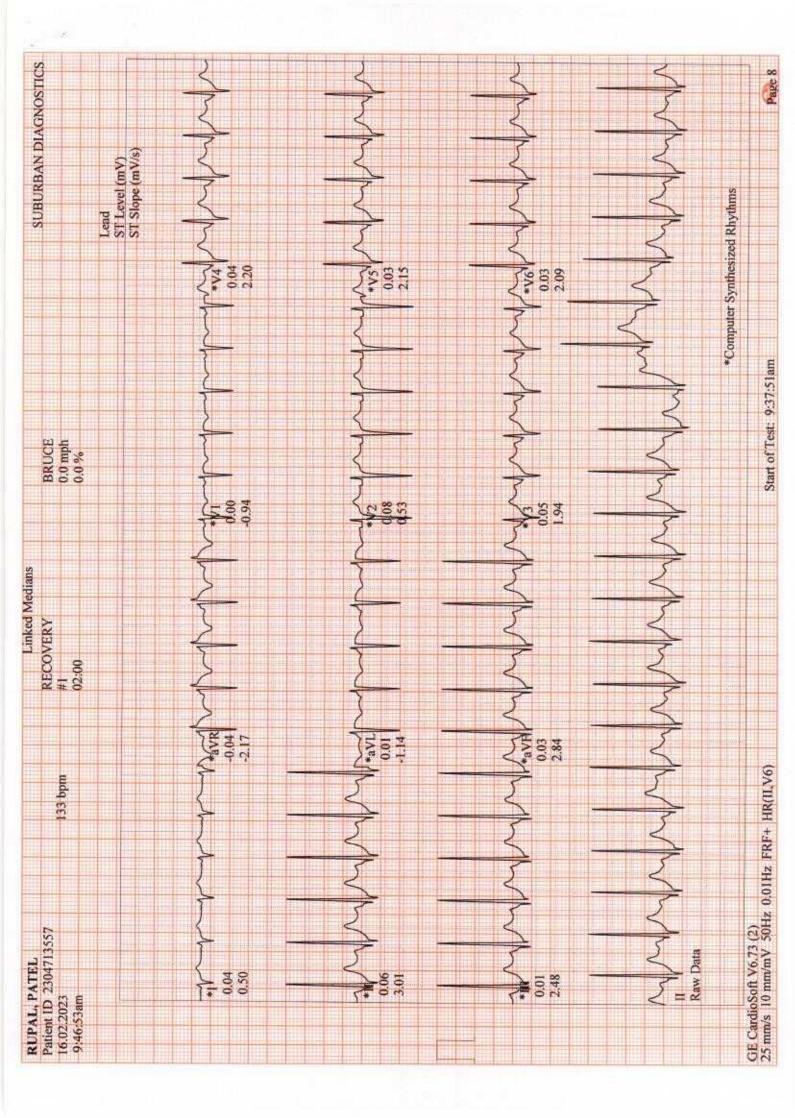
SUBURBAN DIAGNOSTICS	stJ	Lead ST(mV) VI 0.00 V2 0.02 V3 0.05 V4 0.05 V4 0.05 V5 0.04 V6 0.04			
	Measured at 60ms Post J Auto Points	Lead ST(mV) Lea I 0.01 V1 II -0.04 V2 III -0.06 V3 aVR 0.01 V4 aVL 0.04 V5		9 	
BRUCE	0.0 mph 0.0 %				
12-Lead Report PRETEST	STANDING 00:29				
	102 bpm 110/80 mmHg		avit	aVF	
RUPAL, PATEL Patient ID 2304713557	16.02.2023 9:38.26am				GE CardioSoft V6.73 (2)

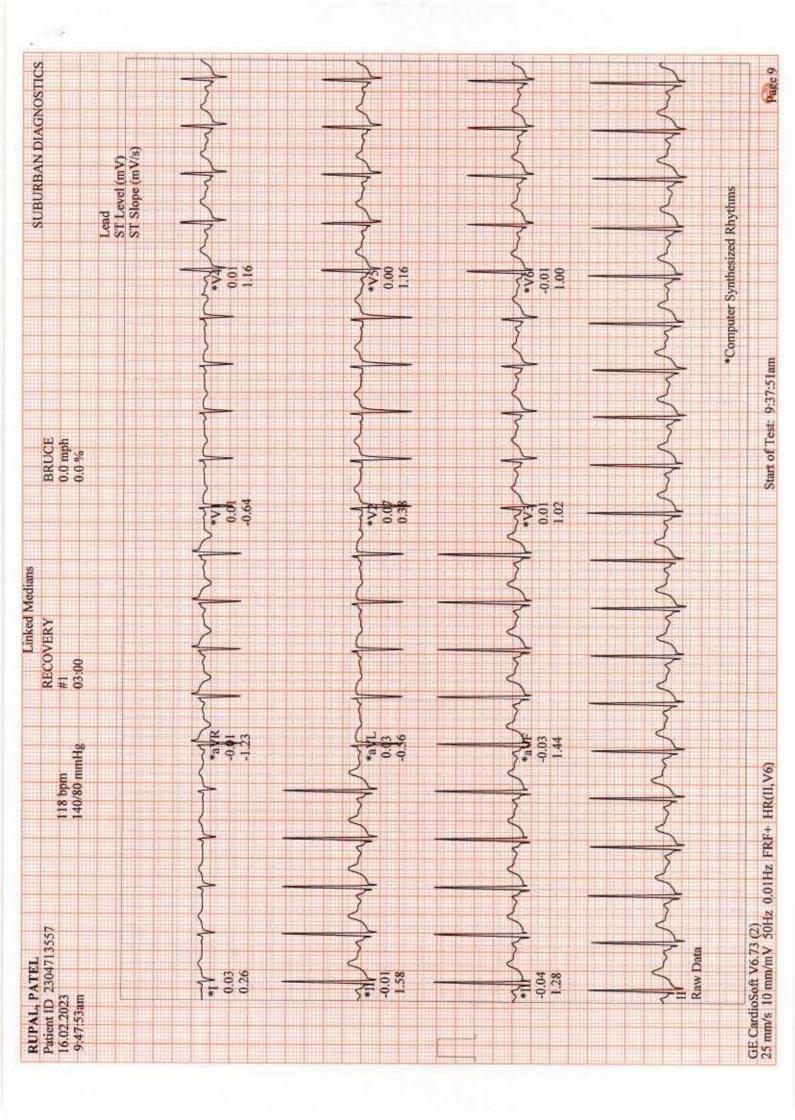
104 bom
1
7

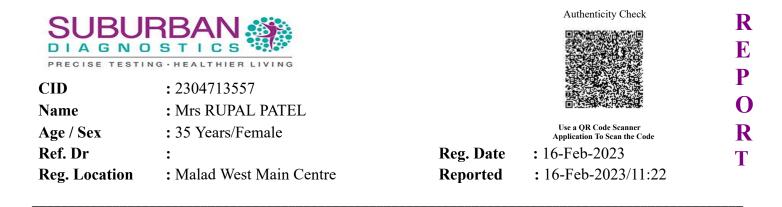












USG WHOLE ABDOMEN

LIVER:

The liver is normal in size (13.5 cm), shape and smooth margins. **It shows bright parenchymal echo pattern.** The intra hepatic biliary and portal radical appear normal. No evidence of any intra hepatic cystic or solid lesion seen. The main portal vein and CBD appears normal.

GALL BLADDER:

The gall bladder is physiologically distended and appears normal.No evidence of gall stones or mass lesions seen.

PANCREAS:

The pancreas head and partial body is visualized and appears normal. No evidence of solid or cystic mass lesion. Rest of the pancreas is obscured due to bowel gas shadows.

KIDNEYS:

Both the kidneys are normal in size, shape and echotexture. No evidence of any calculus, hydronephrosis or mass lesion seen. Right kidney measures 10.6 x 3.3 cm. Left kidney measures 11.0 x 3.5 cm.

SPLEEN:

The spleen is normal in size (9.9 cm), and echotexture.No evidence of focal lesion is noted. There is no evidence of any lymphadenopathy or ascites.

URINARY BLADDER:

The urinary bladder is well distended and reveal no intraluminal abnormality.

UTERUS(TAS):

The uterus is anteverted and appears normal.It measures 6.6 x 4.2 x 3.2 cm in size.The endometrial thickness is 4.8 mm.

OVARIES(TAS):

Both the ovaries are well visualised and appears normal. There is no evidence of any ovarian or adnexal mass seen. Right ovary = $3.2 \times 2.4 \times 2.0 \text{ cm}$ (Volume is 8.2 cc). Left ovary = $2.6 \times 2.2 \times 1.4 \text{ cm}$ (Volume is 4.3 cc).



IMPRESSION:-

• Grade I fatty infiltration of liver.

Suggestion: Clinicopathological correlation.

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 interobserver variations. Further / Follow-up imaging may be needed in some case for confirmation of findings. Patient has been explained in detail about the USG findings including its limitations and need for further imaging if clinically indicated. Please interpret accordingly. All the possible precaution have been taken under covid-19 pandemic.

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

This report is prepared and physically checked by Dr Vivek Singh before dispatch.

Dr.Vivek Singh MD Radiodiagnosis Reg No: 2013/03/0388

