Patient Name : MR ABHISHEK PAL

SCD24/1573

: 19/02/2024



Age/Gender: 32 Yrs/MaleRef. Dr.: MEDIWHEEL

HAEMATOLOGY REPORT

Report Date

Test Description	Result	Unit	Biological Reference Range
BLOOD GROUP AND RH FACTOR			
Blood Group Rh Factor	'A' POSITIVE(+VE)		



Dr.S.R. SARDA M.D. Reg. No.456482 SARDA CENTER FOR DIABFTES & SELF CARE 4, Vyankateshnagar, Julina Road, Aurangabad Phone No.2333851, 2334858

Patient Name: MR ABHISHEK PAL Age/Gender : 32 Yrs/Male Ref. Dr. : MEDIWHEEL	ender : 32 Yrs/Male		SCD24/1573 : 19/02/2024	
HBA1C/GLYCOCYLATED				
HbA1c Glycosilated Haemoglobin Method: HPLC, NGSP certified	5.6	%		
Estimated Average Glucose :	114	mg/dl	L	

As per American Diabetes Association (ADA)			ADA criteria for correlation	
Reference Group	HbA1c in %	HbA1c(%)	Mean Plasma Glucose (mg/dL)	
Non diabetic adults >=18 years	<5.7	6	126	
At risk (Prediabetes)	5.7 - 6.4	7	154	
Diagnosing Diabetes	>= 6.5	8	183	
	Age > 19 years Goal of therapy: < 7.0	9	212	
Therapeutic goals for glycemic control	Action suggested: > 8.0	10	240	
	Age < 19 years	11	269	
	Goal of therapy: <7.5	12	298	

Note:1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled . 2. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or

extensive co-morbid conditions, targeting a goal of < 7.0 % may not be appropriate.

Comments:HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.



Dr.S.R. SARDA M.D. Reg. No.455462 SARDA CENTER FOR DIABETES & SELF CARE 4, Vyankateshneger, Julha Road, Aurangabad Phone No.2333851, 2334858

Patient Name : MR ABHISHEK PAL

SCD24/1573

Age/Gender : 32 Yrs/Male Ref. Dr. : MEDIWHEEL

Report Date : 19/02/2024



Test Description	Result	Unit	Biological Reference Range
LIPID PROFILE			
Cholesterol-Total Method: CHOD/PAP	164	mg/dL	< 200 : Desirable 200-239 : Borderline risk > 240 : High risk
Triglycerides level Method: Lipase / Glycerol Kinase)	103	mg/dL	< 150 : Normal 150–199 : Borderline-High 200–499 : High > 500 : Very High
HDL Cholesterol Method: CHOD/PAP	38	mg/dL	< 40 : Low 40 - 60 : Optimal > 60 : Desirable
LDL Cholesterol Method: Homogeneous enzymatic end point assay	105.40	mg/dL	< 100 : Normal 100 - 129 : Desirable 130 – 159 : Borderline-High 160 - 189 : High > 190 : Very High
VLDL Cholesterol	20.60	mg/dL	7 - 40
CHOL/HDL RATIO Method: Calculation	4.32	Ratio	3.5 - 5.0
LDL/HDL RATIO Method: Calculation	2.77	Ratio	0 - 3.5

Interpretation	
Lipid profile can measure the amount o	f Total cholesterol's and triglycerides in blood:
Test	Comment
Total cholesterol:	measures all the cholesterol in all the lipoprotein particles
High-density lipoprotein cholesterol (HDL-C):	measures the cholesterol in HDL particles; often called "good cholesterol" because HDL-C takes up excess cholesterol and carries it to the liver for removal.
Low-density lipoprotein cholesterol (LDL-C):	measures the cholesterol in LDL particles; often called "bad cholesterol" because it deposits excess cholesterol in walls of blood vessels, which can contribute to atherosclerosis
Triglycerides:	measures all the triglycerides in all the lipoprotein particles; most is in the very low-density lipoproteins (VLDL).

Dr.S R. SARDA M.D., Reg. No.55462 SARDA CENTER FOR DIABFTES & SELF CARE 4, Vyankateshnegar, Julha Road, Aurangabad Phone No.2333851, 2334858

Patient Name : MR ABHISHEK PAL

SCD24/1573

: 19/02/2024



Age/Gender: 32 Yrs/MaleRef. Dr.: MEDIWHEEL

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BIOCHEMISTRY REPORT

Report Date

Test Description	Result	Unit	Biological Reference Range
BLOOD SUGAR FASTING & PP (BSF	⁻ & PP)		
BLOOD SUGAR FASTING Method: Hexokinase	81	mg/dl	
BLOOD SUGAR POST PRANDIAL Method: Hexokinase ADA 2019 Guidelines for diagnosis of Di Fasting Plasma Glucose > 126 mg/dl Postprandial Blood Glucose > 200 mg/dl Random Blood Glucose > 200 mg/dl HbA1c Level > 6.5%	111 abetes Mellitus	mg/dl	

Dr.S.R. SARDA M.D. Reg. No.456492 SARDA CENTER FOR DIABETES & SELF CARE 4, Vyankateshnagar, Julina Road, Aurangabad Phone No.2333851, 2334858

Patient Name : MR ABHISHEK PAL

SCD24/1573

: 19/02/2024



Age/Gender: 32 Yrs/MaleRef. Dr.: MEDIWHEEL

BIOCHEMISTRY REPORT

Report Date

Test Description	Result	Unit	Biological Reference Range
UREA Method: UV	22	mg/dl	10 - 45
Serum Creatinine	0.9	mg/dL	0.70 - 1.40



Dr.S.R. SARDA M.D. Reg. No.456482 SARDA CENTER FOR DIABFTES & SELF CARE 4, Vyankateshnagar, Julina Road, Aurangabad Phone No.2333851, 2334858

Patient Name: MR ABHISHEK PALAge/Gender: 32 Yrs/MaleRef. Dr.: MEDIWHEEL		Report Date	: 19/02/2		
LIVER FUNCTION TEST (LFT)					
TOTAL BILIRUBIN	0.71		mg/dl	0.2 - 1.0	
Method: Serum, Jendrassik Grof					
DIRECT BILIRUBIN	0.12		mg/dL	0.0 - 0.3	
Method: Serum, Diazotization					
INDIRECT BILIRUBIN	0.59		mg/dl	0.3 - 0.7	
Method: Serum, Calculated					
SGPT (ALT)	19		U/L	15 - 40	
Method: Serum, UV with P5P, IFCC 37 degree					
SGOT (AST)	30		U/L	15 - 40	
Method: Serum, UV with P5P, IFCC 37 degree	00		11/1	00 100	
ALKALINE PHOSPHATASE	96		U/L	30 - 120	
	7.0		g/dl	6.0 - 8.3	
TOTAL PROTEIN Method: Serum, Biuret, reagent blank end point	7.0		y/ui	0.0 - 0.3	
SERUM ALBUMIN	3.9		g/dl	3.5 - 5.2	
Method: Serum, Bromocresol green	0.0		9/01	0.0 0.2	
SERUM GLOBULIN	3.10		g/dl	1.8 - 3.6	
Method: Serum. Calculated		•	3		
A/G RATIO	1.26			1.2 - 2.2	
Method: Serum, Calculated					
Gamma Glutamyl Transferase-Serum	25		IU/L	15 - 73	
Method: Kinetic					

NOTE :

In known cases of Chronic Liver disease due to Viral Hepatitis B & C, Alcoholic liver disease or Non alcoholic fatty liver disease, Enhanced liver fibrosis (ELF) test may be used to evaluate liver fibrosis.

Dr.S.R. SARDA M.D. Reg. No.55462 SARDA CENTER FOR DIABFTES & SELF CARE 4, Vyankatshnagar, Julina Road, Aurangabad Phone No.2333851, 2334858

Patient Name : MR ABHISHEK PAL

SCD24/1573

Report Date : 19/02/2024



Age/Gender: 32 Yrs/MaleRef. Dr.: MEDIWHEEL

IMMUNOASSAY REPORT

Test Description	Result	Unit	Biological Reference Range
Thyroid Function Test (TFT)			
Т3	149.61	ng/dl	80-253 : 1 Yr-10 Yr, 76-199 : 11 Yr-15 Yr, 69-201 :16 Yr-18 Yr,
Τ4	6.79	ng/dl	87-173 : > 18 years, 5.9-21.5 :10-31 Days, 5.9-21.5 :0-1 Month,
		<i>.</i>	6.4-13.9 :2-12 Months, 6.09-12.23 :>1 Yr
TSH(Serum)	2.02	ng/dl	0.52-16.0 :1 Day - 30 Days 0.55-7.10 :1 Mon-5 Years 0.37-6.00 :6 Yrs-18 Years 0.38-5.33 :18 Yrs-88 Years 0.50-8.90 :88 Years

Method : ECLIA

Clinical features of thyroid disease				
Hypothyroidism	Hyperthyroidism	Grave's disease		
Lethargy	Tachycardia	Exophthalmos/proptosis		
Weight gain	Palpitations (atrial fibrillation)	Chemosis		
Cold intolerance	Hyperactivity	Diffuse symmetrical goitre		
Constipation	Weight loss with increased appetite	Pretibial myxoedema (rare)		
Hair loss	Heat intolerance	Other autoimmune conditions		
Dry skin	Sweating			
Depression	Diarrhoea			
Bradycardia	Fine tremor			
Memory impairment	Hyper-reflexia			
Menorrhagia	Goitre			
	Palmar erythema			
	Onycholysis			
	Muscle weakness and wasting			
	Oligomenorrhea/amenorrhoea			

Dr.S.R. SARDA M.D. Reg. No.45462 SARDA CENTER FOR DIABETES & SELF CARE 4, Vyankateshnagar, Jaina Road, Aurangabad Phone No.2333851, 2334858

Patient Name : MR ABHISHEK PAL

SCD24/1573

: 19/02/2024



Age/Gender : 32 Yrs/Male Ref. Dr. : MEDIWHEEL

URINE EXAMINATION REPORT **Test Description** Unit Result **Biological Reference Range** URINE ROUTINE **Physical Examination** Pale Yellow Pale Yellow Colour Clear Clear Apperance Acidic Reaction Absent Deposit **Chemical Examination** 1.010 Specific Gravity Absent Albumin NIL Absent Sugar Absent Acetone Absent Absent **Bile Salt** Absent Absent **Bile Pigment Microscopic Examination** Nil RBC's Not seen /hpf Occasional /hpf 2-3/hpf Pus cells NIL 1-2/hpf /hpf **Epithelial Cells** Absent Absent Crystals NOT FOUND Not Seen Casts Absent Absent **Amorphous Deposit**

Report Date



Dr S R. SARDA M.D. Reg. No. 86462 SARDA CENTER FOR DIABFTES & SELF CARE 4, Vyankateshnegar, Julna Road, Aurangabad Phone No.2333851, 2334858

Patient Name : MR ABHISHEK PAL

SCD24/1573

: 19/02/2024

Age/Gender : 32 Yrs/Male Ref. Dr. : MEDIWHEEL

Report Date

Test Description	Result	Unit	Biological Reference Range
COMPLETE BLOOD COUNT			
Total WBC Count	6900	cell/cu.mm	4000 - 11000
Haemoglobin	14.1	g%	13 - 18
Platelet Count	2,45000	/cumm	150000 - 450000
RBC Count	4.87	/Mill/ul	4.20 - 6.00
RBC INDICES			
Mean Corp Volume MCV	83.4	fL	80 - 97
Mean Corp Hb MCH	29.0	pg	26 - 32
Mean Corp Hb Conc MCHC	34.7	gm/dL	31.0 - 36.0
Hematocrit HCT	40.6	%	37.0 - 51.0
DIFFERENTIAL LEUCOCYTE CO	UNT		
Neutrophils	52	%	40 - 75
Lymphocytes	38	%	20 - 45
Monocytes	06	%	02 - 10
Eosinophils	04	%	01 - 06
Basophils NOTE:	00	%	00 - 01

1. As per the recommendation of International council for Standardization in Hematology, the differential leukocyte counts are additionally being reported as absolute numbers of each cell in per unit volume of blood.

2. Test conducted on EDTA whole blood.

ESR	08	mm/hr	Male: 0-8 mm at 1 Hr.
			Female: 0-20 mm at 1 Hr.

INTERPRETATION:

1. It indicates presence and intensity of an inflammatory process, never diagnostic of a specific disease. Changes are more significant than a single abnormal test.

2. It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, bacterial endocarditis, acute rheumatic fever, rheumatoid arthritis, SLE, Hodgkins disease, temporal arteritis, polymyalgia rheumatica.

3. It is also increased in pregnancy, multiple myeloma, menstruation, and hypothyroidism.

**** End of the report. ****

Dr.S.R. SARDA M.D. Reg. No. 86462 SARDA CENTER FOR DIABFTES & SELF CARE 4, Vyankateshnegar, Julna Road, Aurangabad Phone No.2333851, 2334858

Patient Name : MR ABHISHEK PAL

Age/Gender: 32 Yrs/MaleRef. Dr.: MEDIWHEEL

SCD24/1573

Report Date

: 19/02/2024





Dr.S.R. SARDA M.D. Reg. No.456482 SARDA CENTER FOR DIABFTES & SELF CARE 4, Vyankateshnagar, Julina Road, Aurangabad Phone No.2333851, 2334858

Name : Mr. Abhishek Pal Age/Sex :32Yrs/Male Date :19/02/ 2024 Ref.By: Dr.Sarda Sir

STRESS TEST REPORT

- Protocol Bruce.
- Exercise Time- 9.01 Min.
- Baseline Heart Rate and Blood Pressure 82bpm, BP- 130/80mm of Hg.
- Mets- 10.10.
- ST-T Segment Changes No Significant ST-T Changes.
- Angina- None.
- Arrhythmias- None.
- Other Symptoms None.
- Maximal Heart Rate and Blood Pressure 166 bpm, BP 170/80 mm of Hg.
- Predicted Maximal Heart Rate Achieved 88%.
- Reason For Termination Target Heart rate achieved.

CONCLUSION : Stress Test Negative for Exercise Induced Ischemia.

DR.DEORAO THENGE M.D.D.N.B.(CARDIOLOGY) Dr. Devrao Thenge MD, DNB (Cardiology) Reg. No. 2001/02/491

ASIAN HOSPITAL MOTIWALA SQUARE AURANGABAD

Station Telephone: Page 1/

EXERCISE STRESS TEST REPORT

Patient Name: Patient ID: 18 Height: 173 cr Weight: 100 k	m				DOB: 15.01.1992 Age: 32yrs Gender: Male Race: Asian					
Study Date: 1 Test Type: Protocol: BRU					Referring Physician: Attending Physician: Dr.Deorao Thenge Technician:					
Medications:										
Medical Histo	ny:									
Reason for	Exercise Test:									
Exercise Te	est Summary									
Phase Name	Stage Name	Time in Stage	Speed (mph)	Grade (%)	HR (bpm)	BP (mmHg)	Comment			
PRETEST	SUPINE	00:06	0.00	0.00	81	130/80				
EXERCISE	STANDING STAGE 1 STAGE 2 STAGE 3	00:05 03:00 03:00 03:00	0.00 1.70 2.50 3.40	0.00 10.00 12.00 14.00	81 105 126 164	150/80 160/80				

RECOVERY

The patient exercised according to the BRUCE for 9:01 min:s, achieving a work level of Max. METS: 10.10. The resting heart rate of 82 bpm rose to a maximal heart rate of 166 bpm. This value represents 88 % of the maximal, age-predicted heart rate. The resting blood pressure of 130/80 mmHg, rose to a maximum blood pressure of 170/80 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. ST Changes: none. Overall impression: Normal stress test.

Conclusions

Exercise of Bruce Protocol For 9.01 Min. Target Heart Rate Achieved. No Angina/Arrythmias.No ST-T Changes. Test Is Negative For Induced Ischem

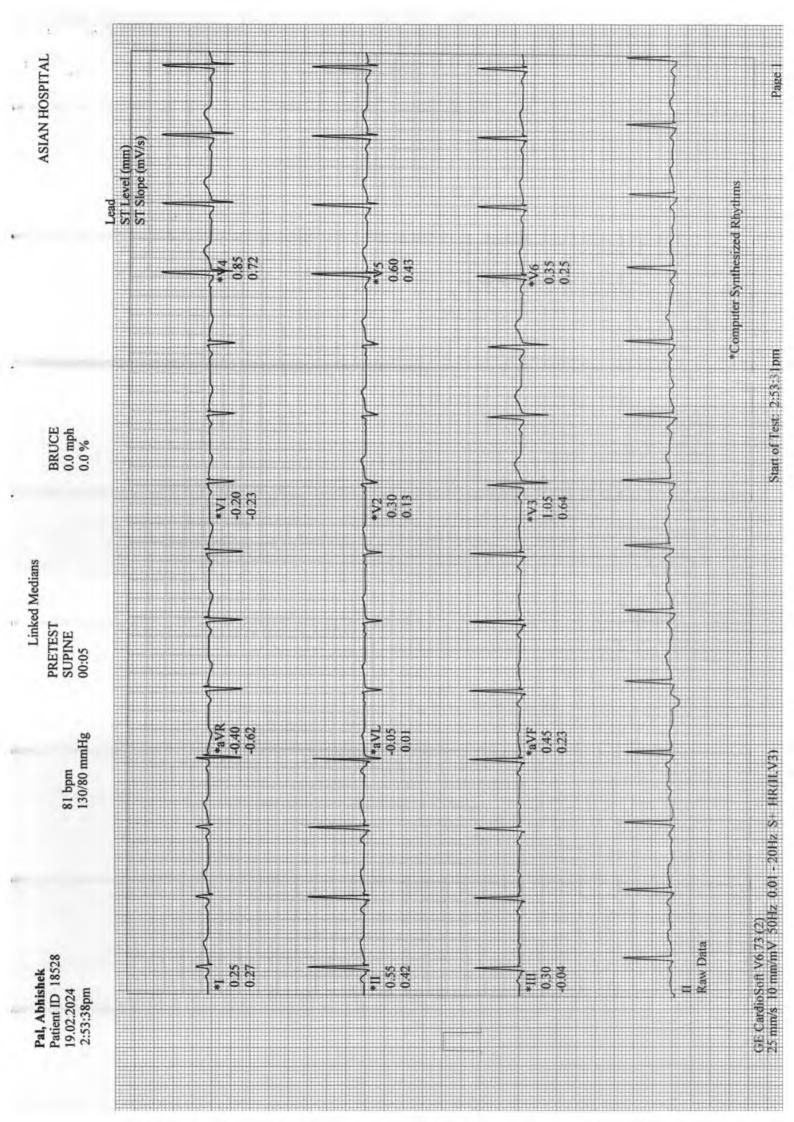


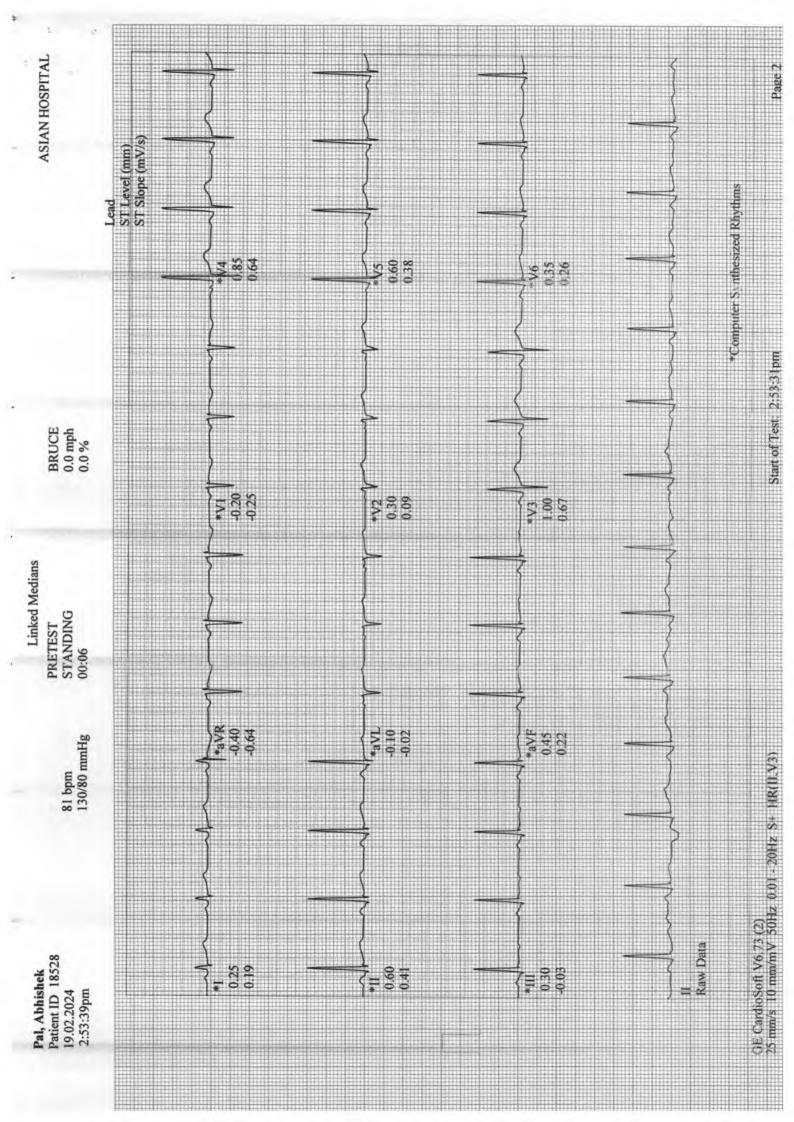
Physician

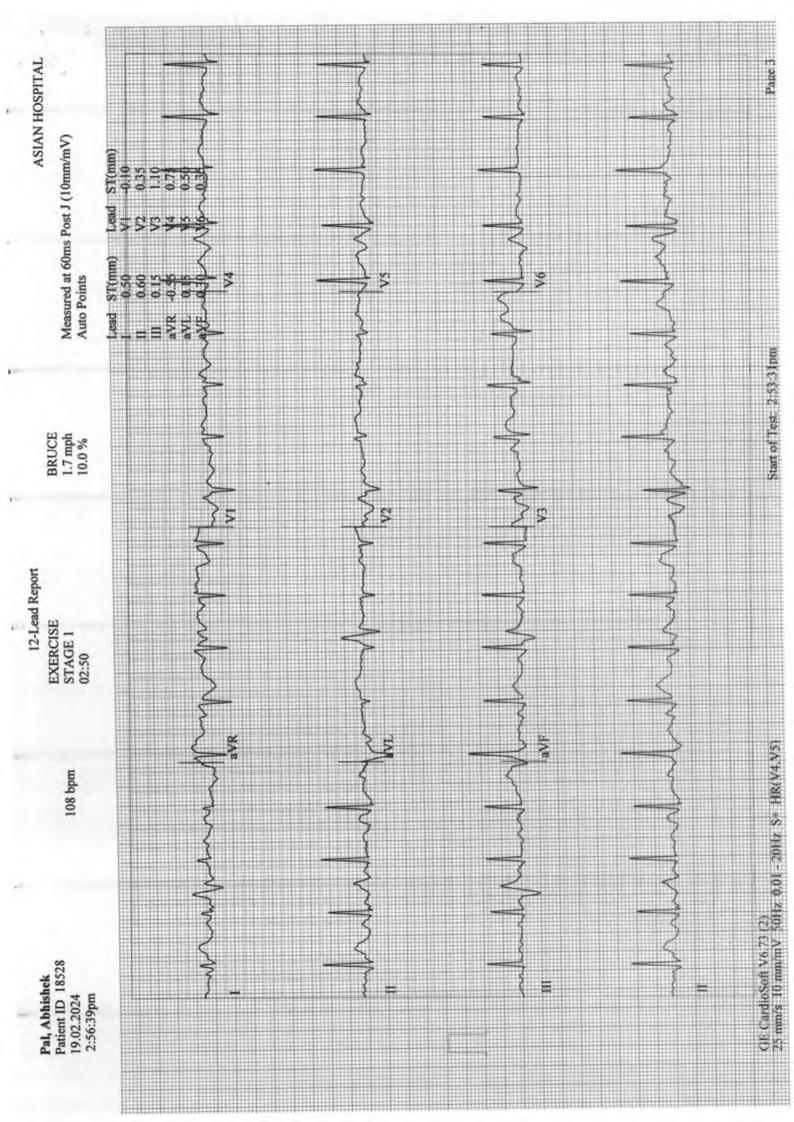
Technician

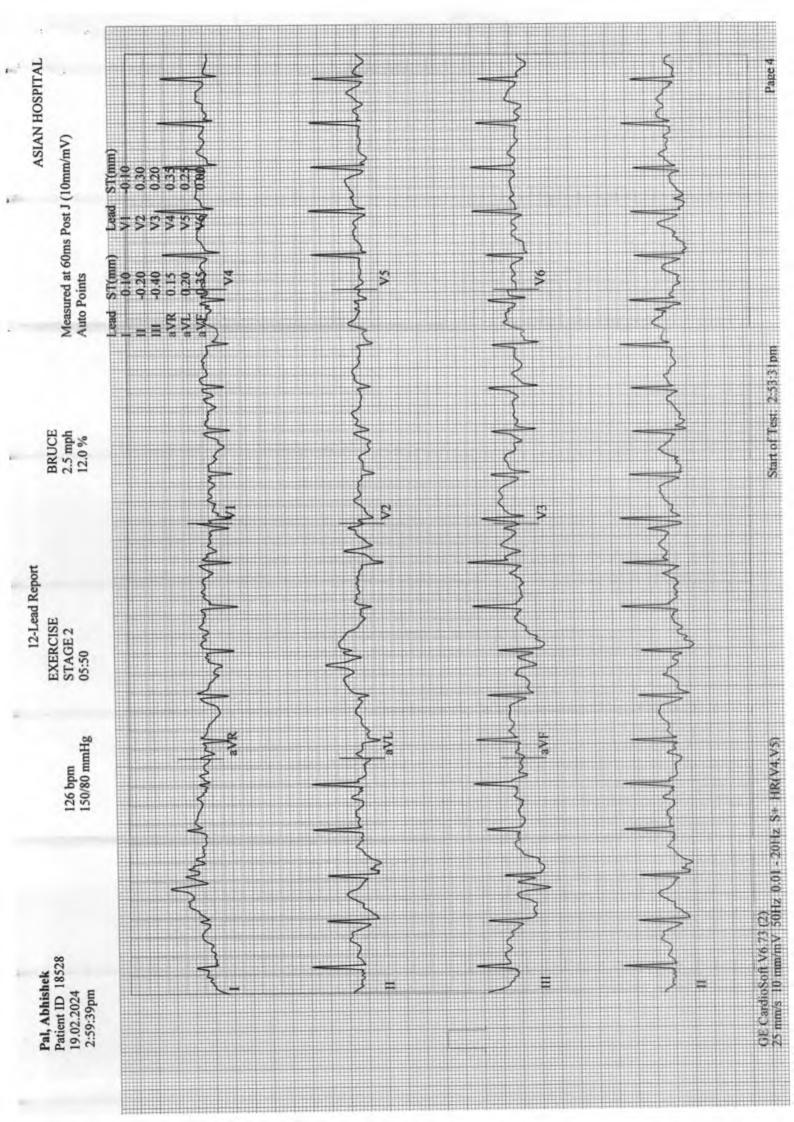
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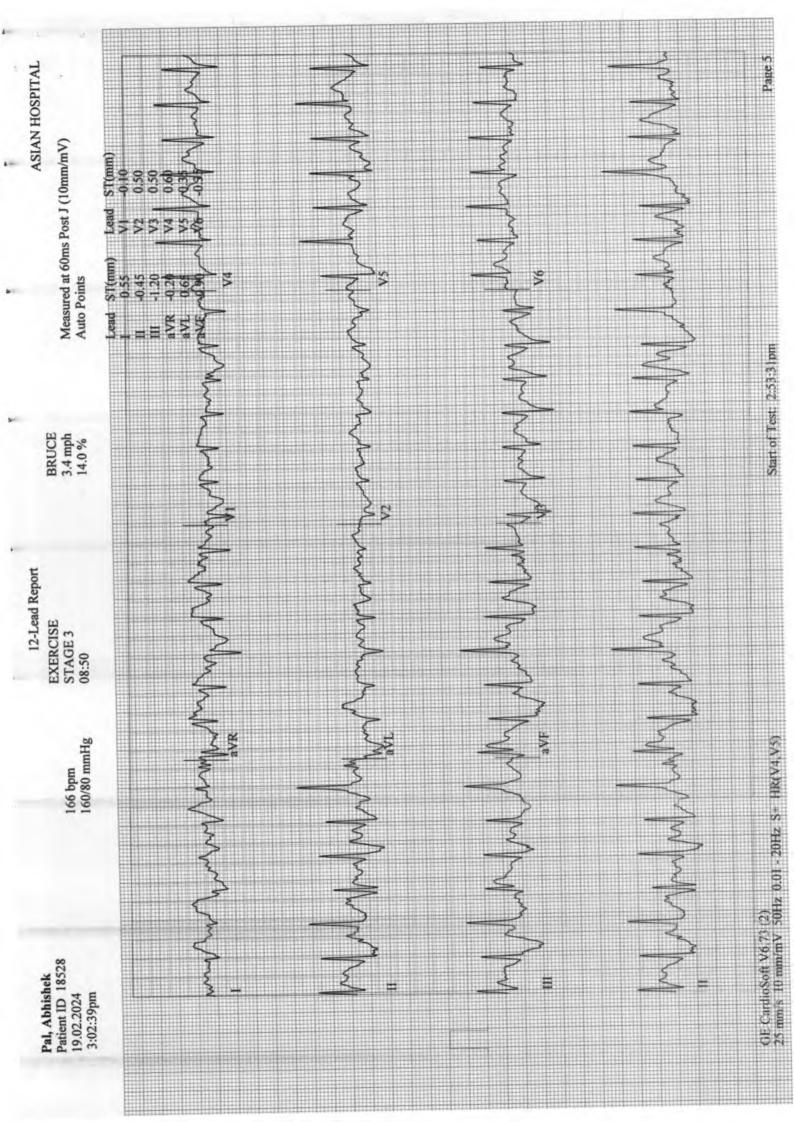
73 cm 100 kg Asian 100 kg asson: asson: asson: asson: asson: Test Type: ame Time amin: Test Type: amin: Time Speed Gra amin: 00:00 1 03:00 2 03:00 3:40 1140 0:00 0:00 1 0:00 1 0:00 1 0:00 1 0:00 1 0:00 1 0:00 1 0:00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <	ASIAN HOSPITAL BRUCE: Total Exercise Time 09:01 Max HR: 166 bpm 88% of max predicted 188 bpm HR at rest: 82 Max BP: 170/80 mmHg BP at rest: 130/80 Max RPP: 26240 mmHg*bpm Maximum Workload: 10.10 METS Max: ST:-2.05 mm, 0.00 mV/s in III; EXERCISE STACE 3 08:50	Reasons for Termination: Target heart rate achieved Reasons for Termination: Target heart rate achieved 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. ST Changes: none. Overall impression: Normal stress test. Conclusion: Exercise of Bruce Protocol For 9.01 Min. Target Heart Rate Achieved. No Angina/Arrythmias.No ST-T Changes. Test Is Negative For Induced Ischem	le Worktoad HR BP RPP VE STLevel Comment) (METS) (bpm) (mmHg*bpm (/min) (111 mm)	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
			Speed Grade (mph) (%)	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	
	Male 173 cm 100 kg 32yrs Asian Meds: Test Reason:	Medical History: Ref. MD: Ordering MD: Technician: Test Type: Comment;	Stage Name Time in Stage	SUPINE 00:06 STAGE 1 00:05 STAGE 1 03:00 STAGE 3 03:00 STAGE 4 04:00 04:00	

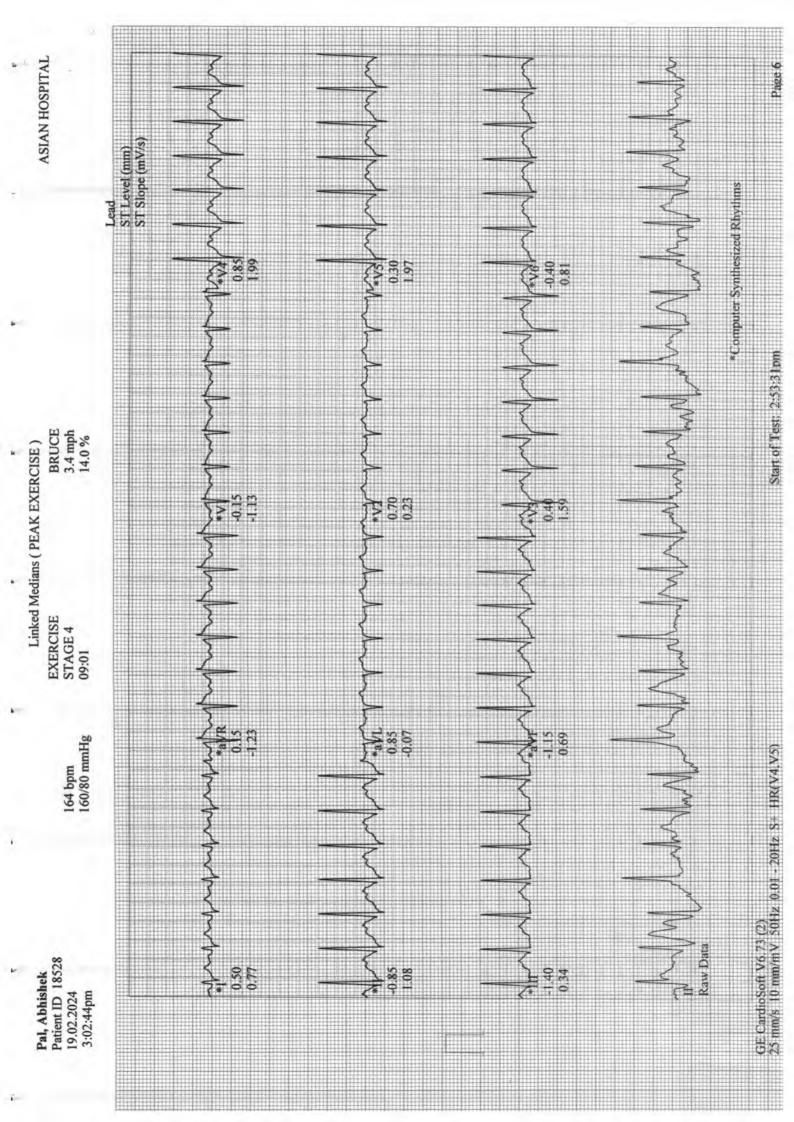


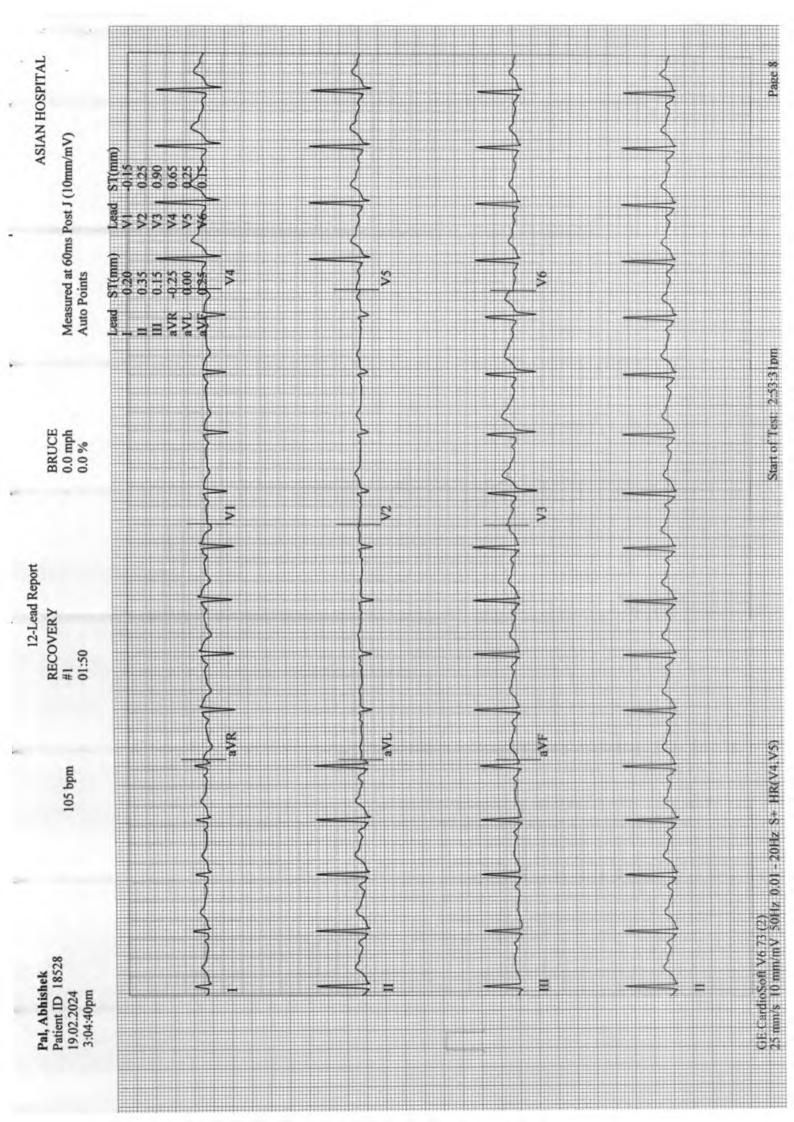


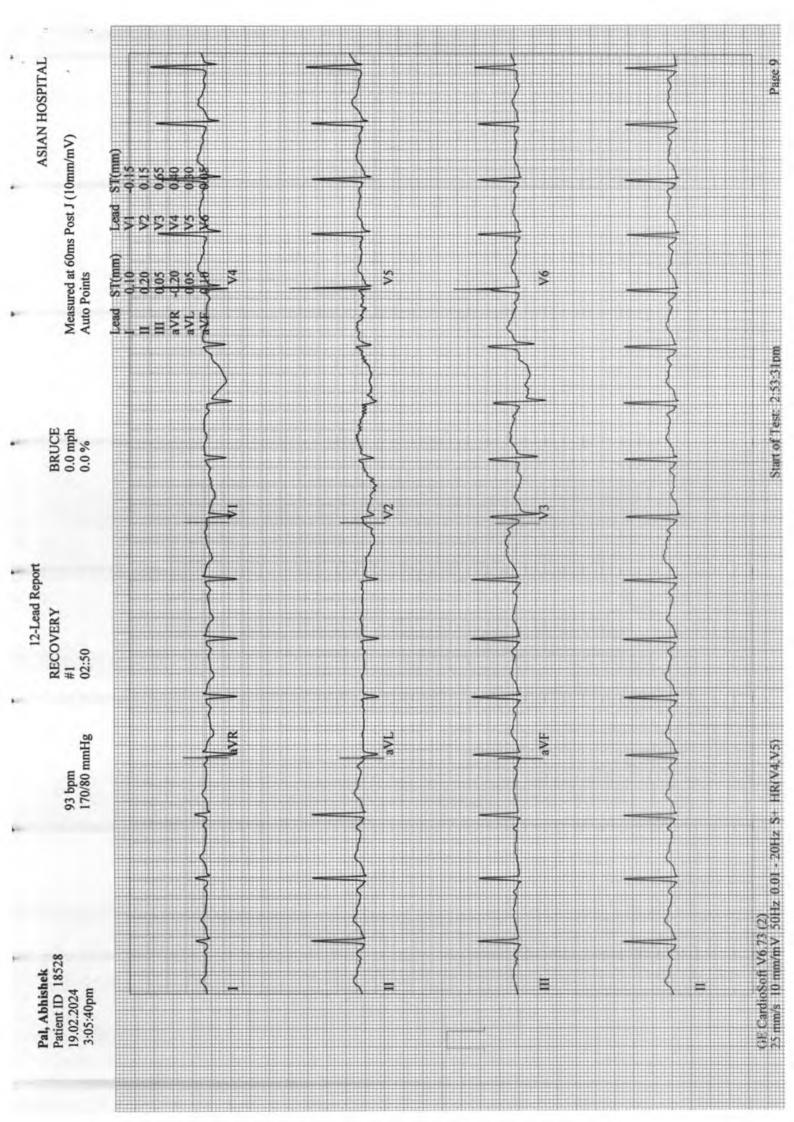


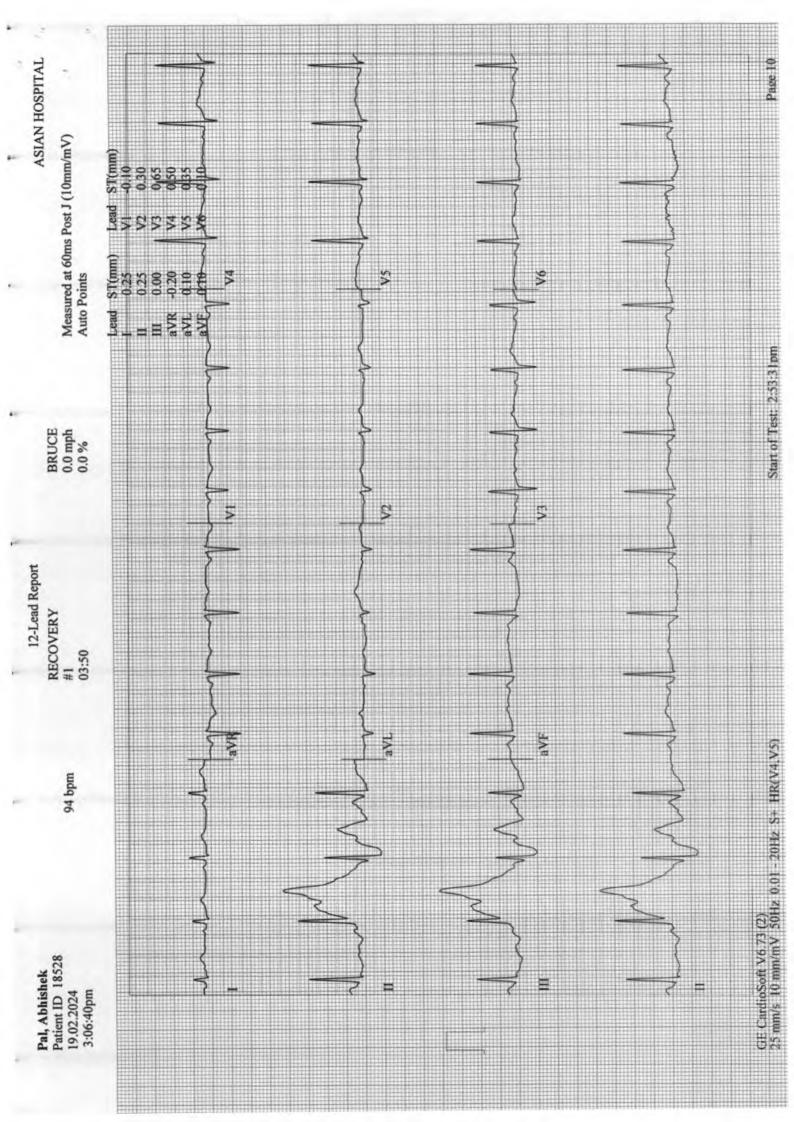












Dr. Amey Jaju MBBS, DNB Radiology Fellowship in MSK Imaging



Regd. No.: 2019/05/3879	 DIGITAL X-RAY 3D/4D/5D SONOGRAPHY COLOUR DOPPLER
Patient Name: ABISHEK PAL	Date: 19/02/2024
Patient Id: 5149	Age/Sex: 32 Years / MALE
Ref Phy: DR. SARDA	Address :

RADIOGRAPH OF CHEST PA VIEW

Findings:

Both the lung fields are clear.

The broncho vascular markings are appears normal.

The hilar shadows are appears normal.

Both Cardiophrenic and Costophrenic angles are clear.

The Cardiac silhoutte is within normal limits.

Aortic shadow is normal.

Both domes of diaphragms are normal.

The visualised bony thorax is normal.

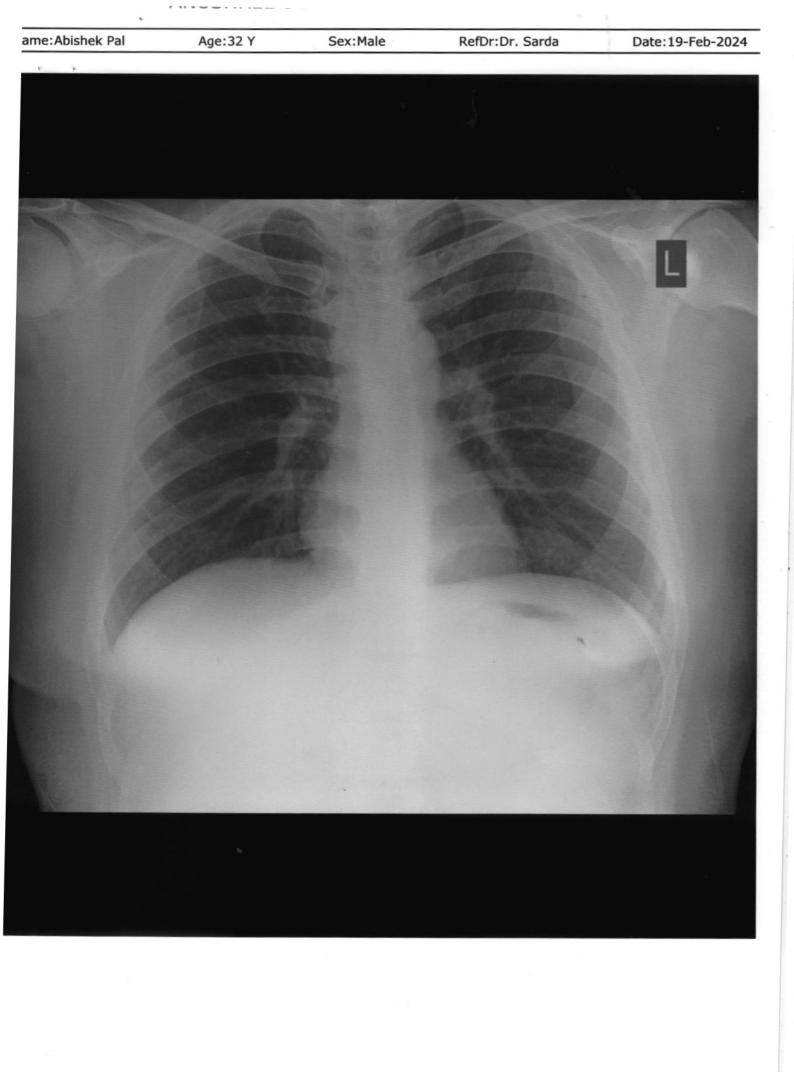
Impression:

No significant abnormality noted in X-ray chest.





DR AMEY S. JAJU, MBBS, DNB RADIOLOGY Fellow in MSK imaging



Anushree Sonography & X-Ray Centre

Dr. Amey Jaju MBBS, DNB Radiology Fellowship in MSK Imaging

Regd. No.: 2019/05/3879

• DIGITAL X-RAY • 3D/4D/5D SONOGRAPHY • COLOUR DOPPLER

Date: 19/02/2024
Age/Sex: 32 Years / MALE
Address :

ULTRASONOGRAPHY OF ABDOMEN AND PELVIS

<u>LIVER</u>: The liver is normal in size It measures 13.2 cm, normal in shape, position. Mild diffuse fatty changes are noted. Normal respiratory movements are seen. No focal solid or cystic mass lesion is noted.

<u>BILIARY SYSTEM</u>: Gall bladder shows normal physiological distention. No mural mass or calculus is noted. There is no evidence of pericholecystic fluid. CBD and intra hepatic biliary radicles show normal caliber.

<u>PANCREAS</u>: The pancreas is normal in size, shape, and echogenicity and echo texture. No solid or cystic mass lesion is noted. Pancreatic duct is not dilated.

<u>SPLEEN</u>: The spleen is normal in size It measures 9.5 cm, shape, position, echogenicity and echotexture. No focal mass lesion is noted.

<u>KIDNEYS</u>: Right kidney measures 11.7 x 4.8 cm. Left kidney measures 10.6 x 4.9 cm. Both kidneys are normal in size, shape, position, echogenicity and echotexture. Normal corticomedullary differentiation is noted. No focal solid or cystic mass lesion or any calculus is seen. Pelvicalyceal systems on both sides are normal.

<u>URINARY BLADDER</u>: The urinary bladder shows physiological distention. It shows normal wall thickness. No calculus or mass lesion is seen.

<u>**PROSTATE</u>**: The prostate is normal in shape, position, echogenicity and echotexture. The prostate measure $3.0 \times 2.2 \times 2.7$ cm (volume = 9.5 gm). There is no focal solid or cystic mass lesion in it.</u>

<u>SEMINAL VESICALS</u>: Both seminal vesicles are normal in size, shape, echogenicity and echotexture.

<u>OTHERS</u>: There is no free or loculated fluid collection in abdomen or pelvis. No significant lymphadenopathy is noted.

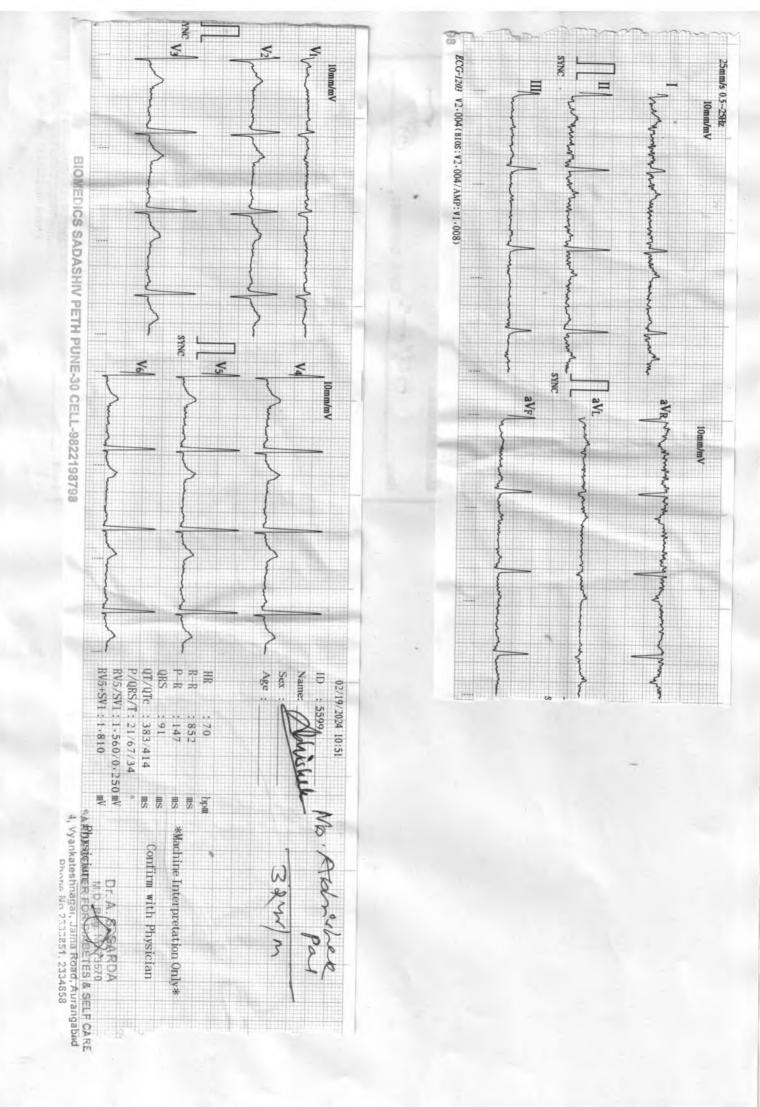
<u>CONCLUSION:</u> Grade I fatty changes in liver.





DR AMEY S. JAJU, MBBS, DNB RADIOLOGY Fellow in MSK imaging





SARDA CENTRE FOR DIABETES & SELFCARE 4, Vyankatesh Negar, Jaina Road, Aurangabad. Ph. : (0240) 2333851, 2334858.	Abrichek pag Age: 32Wm	RY:	Height (Cms) : Blood Pressure :		of men ors. complex :	ST Segment :	T. Wave :	OT Interval :	PR Interval :	ww.	 W - RDA CONTER FOR DIABETES & SELF CAPE . Vyankateshinagar, Jaina Road, Aurangabau
SARDA CENTRE FOF 4. Vyankateeth Neger,	Name : Mo. A	CLINICAL SUMMARY :	Weight :	ECG FINDINGS :	Rate :	Rhythm:	Mechanism :	Axis :	P. Wave :	Recommendation :	Date .