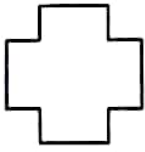


13-05-23



PANCHMUKHI HOSPITAL

Dr CP Dadhaniya

Dr RC Dadhaniya

MBBS, Dip.G.O, Diabetologist

150' RING ROAD, MAVDI CHOKDI, SANESHWAR ARCADE, RAJKOT Mo.9925333639,8320711901

policy number :
full name : Akshay Rajyubhai Vaghela
identity proof : Adhar card
identity proof no : 4979
gender : male
height : 181.cm
weight : 83.0 kg
BP : 100/70 mm Hg
pluse : 80/min
blood sample : YES
fasting mode : YES
non fasting mode : PPBS

past history : No H10 H.T, DM, Thyroid
 A/O of Haemorrhoidectomy done
 before 2 yrs
 RS }
 CVS } NAD
 CNS }

Dental & Healthy
 = Tobacco staining of teeth

DR. C. P. DADHANIYA
 M.B. Diabetologist
 Ind. Physician (CIH)
 Regd. No. 19798
 Code No. 378943
 Panchmukhi Hospital
 Mavdi Chowki,
 150 Ft. Ring Road, RAJKOT.

x

NAME : Akshay Vaghela
AGE/GENDER: 31 / male

DIAG. DATE: 13/05/23

PATIENT'S REFRACTION DETAILS

		SPHE	CYL	AXIS	VN
R	D	2	N	N	6/6
	N	2			6/6
L	D	2	N	N	6/6
	N	2			6/6

REMARKS :

CHECKED BY : Dr. C.P. Dadhaniya



Dr. C. P. Dadhaniya

M.B.B.S. C.I.H

Regd. No. G19798

PANCHMUKHI HOSPITAL

MAVADI CHOKADI.

150' RING ROAD. RAJKOT

Fwd: Health Check up Booking Request(bobE38623), Beneficiary Code-23495

1 message

Chetan Dadhanlya <cpdadhanlya@gmail.com>

Tue, May 2, 2023 at 5:05 PM

To: sindhavaradhika@gmail.com, chavadadayalal11@gmail.com, daxavadecha45@gmail.com

----- Forwarded message -----

From: Mediwheel <wellness@mediwheel.in>

Date: Tue, May 2, 2023, 4:46 PM

Subject: Health Check up Booking Request(bobE38623), Beneficiary Code-23495

To: <cpdadhanlya@gmail.com>

Cc: <customercare@mediwheel.in>

**Mediwheel**
...Your wellness partner

011-41195959

Email:wellness@mediwheel.in

Dear Panchmukhi Hospital,

City : Rajkot . Address : Poonam Society, Mavdi , Chokadi ,150 Ring Road, Oppo. BRT Bus Stand - 360005,

We have received the confirmation for the following booking .

Name : MR. VAGHELA AKSHAY RAJUBHAI
Age : 29
Gender : Male
Package Name : Medi-wreel Full Body Health Checkup Male Below 40
User Location : dist-RAJKOT,AMARNAGAR,Gujarat,364485
Contact Details : 9510254778
Booking Date : 02-05-2023
Appointment Date : 13-05-2023

Member Information			
Booked Member Name	Age	Gender	Cost(In INR)
MR. VAGHELA AKSHAY RAJUBHAI	29	Male	Cashless
Total amount to be paid			Cashless

We will get back to you with confirmation update shortly. Please find the package details as attached for your reference.

Package Name : Medi-wreel Full Body Health Checkup Male Below 40 - Includes (37)Tests

Tests Included In this Package : Ecg, TSH, X-ray Chest, Stress Test (tmt)/ 2d Echo, Blood Sugar Postprandial, A:g Ratio, Blood Group, Total Cholesterol, Triglycerides, Fasting Blood Sugar, Ultrasound Whole Abdomen , Glycosylated Haemoglobin (hba1c), Hdl, Vldl, Urine Analysis, LDL, Total Protine, General Consultation, HDL/ LDL ratio, GGT(Gamma-glutamyl Transferase), Eye Check-up consultation, ALP

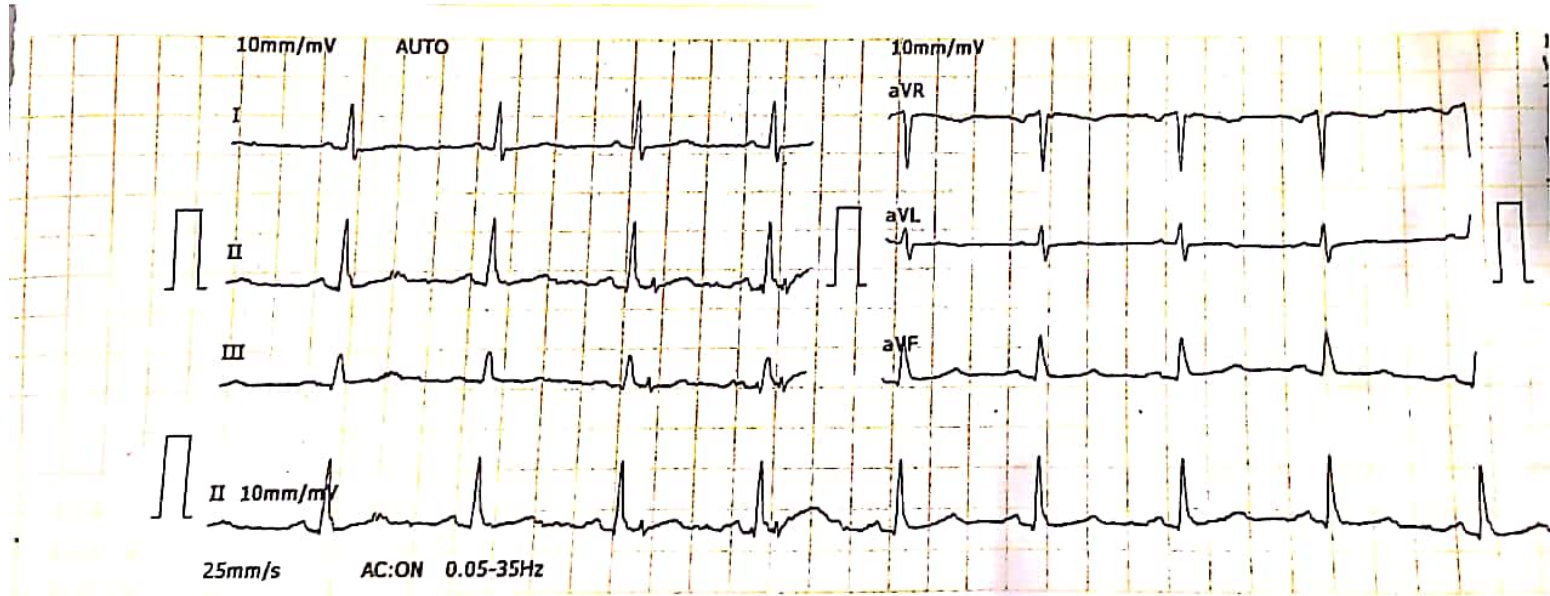
Dr. C. P. DADHANLYA
 M.B.B.S. C.I.H
 Regd. No. G19798
 PANCHMUKHI HOSPITAL
 MAVADI CHOKADI.
 150' RING ROAD. RAJKOT

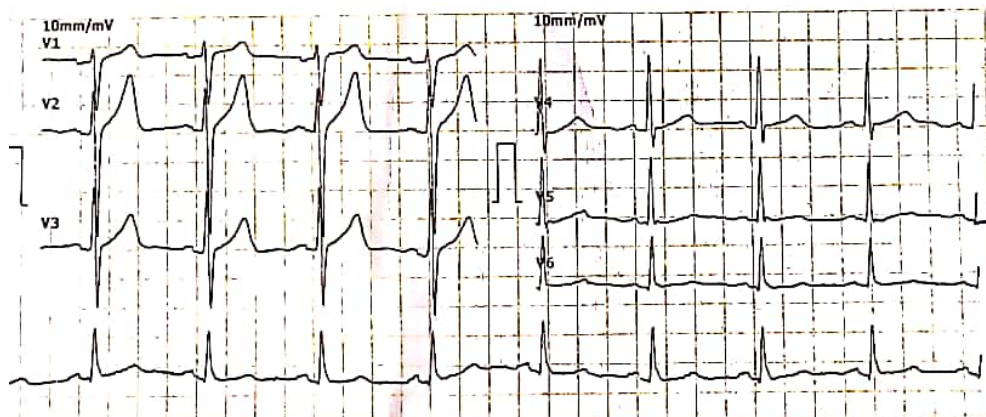
(ALKALINE PHOSPHATASE), Uric Acid, AST/ALT Ratio, Serum Protein,
CBC with ESR, Stool Analysis, Urine Sugar Fasting, Urine Sugar PP, T3, T4,
Cholesterol Total / HDL Ratio, BUN, BUN/Creatinine Ratio, Bilirubin Total &
Direct and Indirect, Albumin, Globulin

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DIPLOMA IN PHARMACY
M. B. B. S. C. I. M.
REGD. NO. 1079898
PARCHMUKHE HOSPITAL
MAVADI CHOKADIDI.
1505 RINGROADA RAJKOT.

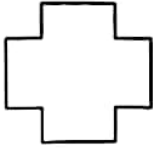






2023-5-13 10:59:14 ID:00002881
 ID Card: **AKSHAY Vaghela**
 Name: **AKSHAY** Gender: **male**
 Age: **31** Height(cm): **1**
 Weight(Kg): **1** BP(mmHg): **1**

HR.....bpm 81
 P-R.....ms 110
 Q-R-S **Dr. C. P. DADHANIYA** ms 100
 QT/QTc **H. B. S. C. I. H.** ms 373/433
 P/QRS/T AX **Regd. No. G19798** deg 53/52/63
 RV5+SV1 **PANCHMUKHI HOSPITAL** mV 0.99/0.76
 RV5+SV1 **MAVADI CHOKADI.** mV 1.75
150' RING ROAD RAJKOT
 *The result must be confirmed by doctor!
 Report Confirmed by: *[Signature]*



PANCHMUKHI HOSPITAL

Dr C P Dadhanlya

Dr R C Dadhniya
MBBS, Dip.G.O, Diabetologist

150' RING ROAD, MAVDI CHOKDI, SANESHWAR ARCADE, RAJKOT Mo.9925333639, 8320711901

Tread Mill Test

Patient Name	:	Akshay Vaghela	Age	:	31yrs/M
Ref. By	:	Dr. C.P Dadhaniya	Resting BP	:	130/80
Report Date	:	13/05/2023	Max. BP	:	170/80

Patient Reaches exercise limit at 9.70 METS.

No signs of ischemia at the exercise level.

Adequate increase of HR & BP.

No significant Arrhythmia.

The stress test was terminated after 8:32 minutes as patient complained of Fatigue.
Patient achieved 85% THR without chest pain.

The recovery was uneventful.

Good effort tolerance.

Conclusion: - The stress test is NEGATIVE for exercise induced myocardial ischaemia.


DR. MAULIK HANSALIA
M.B.B.S., PG DIPLOMA CLINICAL CARDIOLOGY

DR. NISHANT SIRODARIYA
M.B.B.S., PG DIPLOMA CLINICAL CARDIOLOGY

PANCHMUKHI HOSPITAL
MAVADI CHOWK, 150 RING ROAD, RAJKOT
 176/AKSHAY VAGHELA 31 Yrs/Male 0 Kg/0 Cms
 Date: 13-May-2023 11:22:06 AM
 Ref. By :
 Medication :
 Objective :

Summary

Protocol : BRUCE
 History :

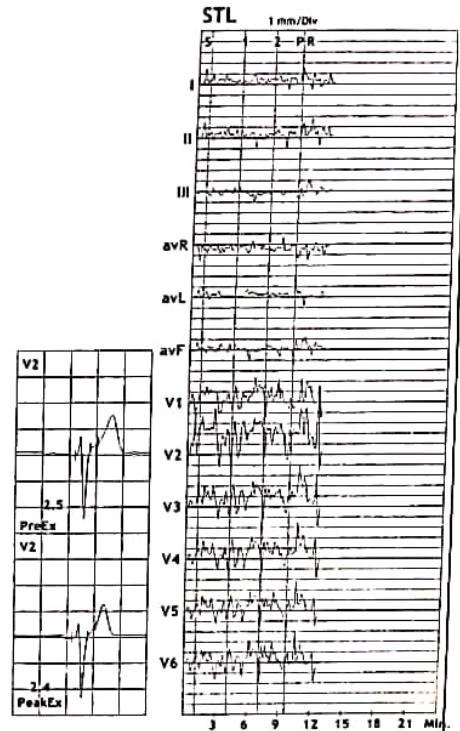


Stage	StageTime (Min:Sec)	PhaseTime (Min:Sec)	Speed (kmph)	Grade (%)	METs	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Supine	0:01	0:51	0.0	0.0	1.0	97	130/80	126	-	
Standing	0:01	0:58	0.0	0.0	1.0	126	130/80	163	-	
HV	0:01	1:01	0.0	0.0	1.0	113	130/80	146	-	
ExStart	0:01	1:05	0.0	0.0	1.0	88	130/80	114	-	
Stage 1	3:00	3:01	2.7	10.0	4.6	109	140/80	152	-	
Stage 2	3:00	6:01	4.0	12.0	7.0	125	150/80	187	-	
PeakEx	2:31	8:32	5.5	14.0	9.7	158	170/80	268	-	
Recovery	1:00	8:33	0.0	0.0	1.1	83	170/80	141	-	
Recovery	3:00	8:33	0.0	0.0	1.0	107	130/80	139	-	

Findings :

Exercise Time : 8:32 minutes
 Max HR attained : 160 bpm 85% of Max Predictable HR 189
 Max BP : 170/80(mmHg)
 WorkLoad attained : 9.7 (Good Effort Tolerance)
 No significant ST segment changes noted during exercise or recovery.
 No Angina/Arrhythmia/S3/murmur
 Final Impression : Test is negative for inducible ischaemia.
 Maxmum Depression: 1:56

Advice/Comments:



PANCHMUKHI HOSPITAL
MAVADI CHOWK, 150 RING ROAD, RAJKOT
176 / AKSHAY VAGHELA
31 Yrs / Male
0 Kg / 0 Cm
Date: 13-May-2023 11:22:06 AM

3x4+1 Rhythm Lead

HR: 97 bpm
METS: 1.0
BP: 130/80

MpHR: 51% of 189
Speed: 0.0 kmph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 00:50
BLC :On
Notch :On

Supine
10.0 mm/mV
25 mm/Sec.



PANCHMUKHI HOSPITAL
MAYADI CHOWK, 150 RING ROAD, RAJKOT
176 / AKSHAY VAGHELA
31 Yrs / Male
0 Kg / 0 Cm
Date: 13-May-2023 11:22:06 AM

3x4+1 Rhythm Lead

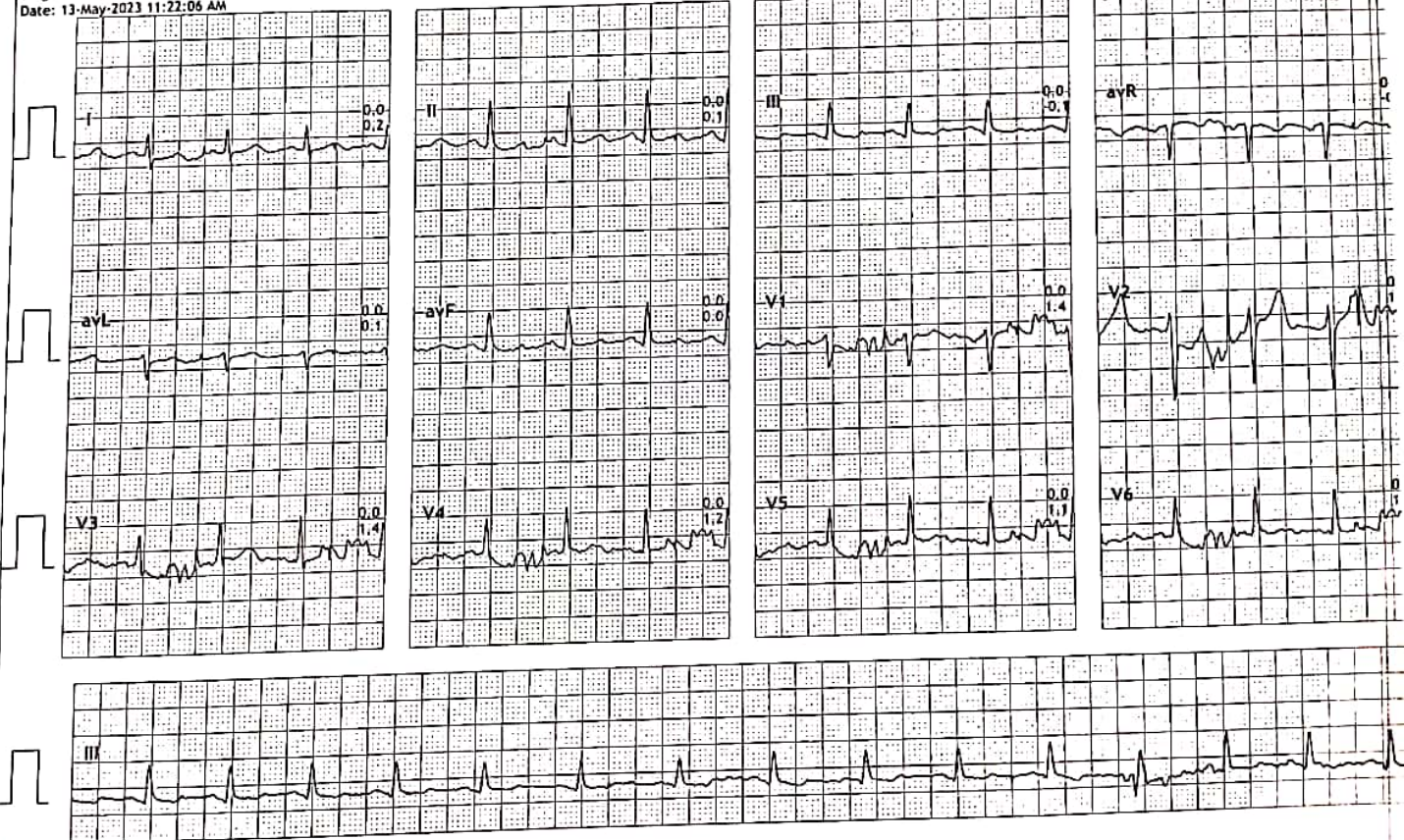
HR: 126 bpm
METS: 1.0
BP: 130/80

MPHR: 66% of 189
Speed: 0.0 kmph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 00:57
BLC : On
Notch : On

Standing
10.0 mm/mV
25 mm/Sec.



Print Date: 13-May-2023

DR MAULIK HANSALIA

PANCHMUKHI HOSPITAL
MAVADI CHOWK, 150 RING ROAD, RAJKOT
176 / AKSHAY VAGHELA
31 Yrs / Male
0 Kg / 0 Cm
Date: 13-May-2023 11:22:06 AM

3x4+1 Rhythm Lead

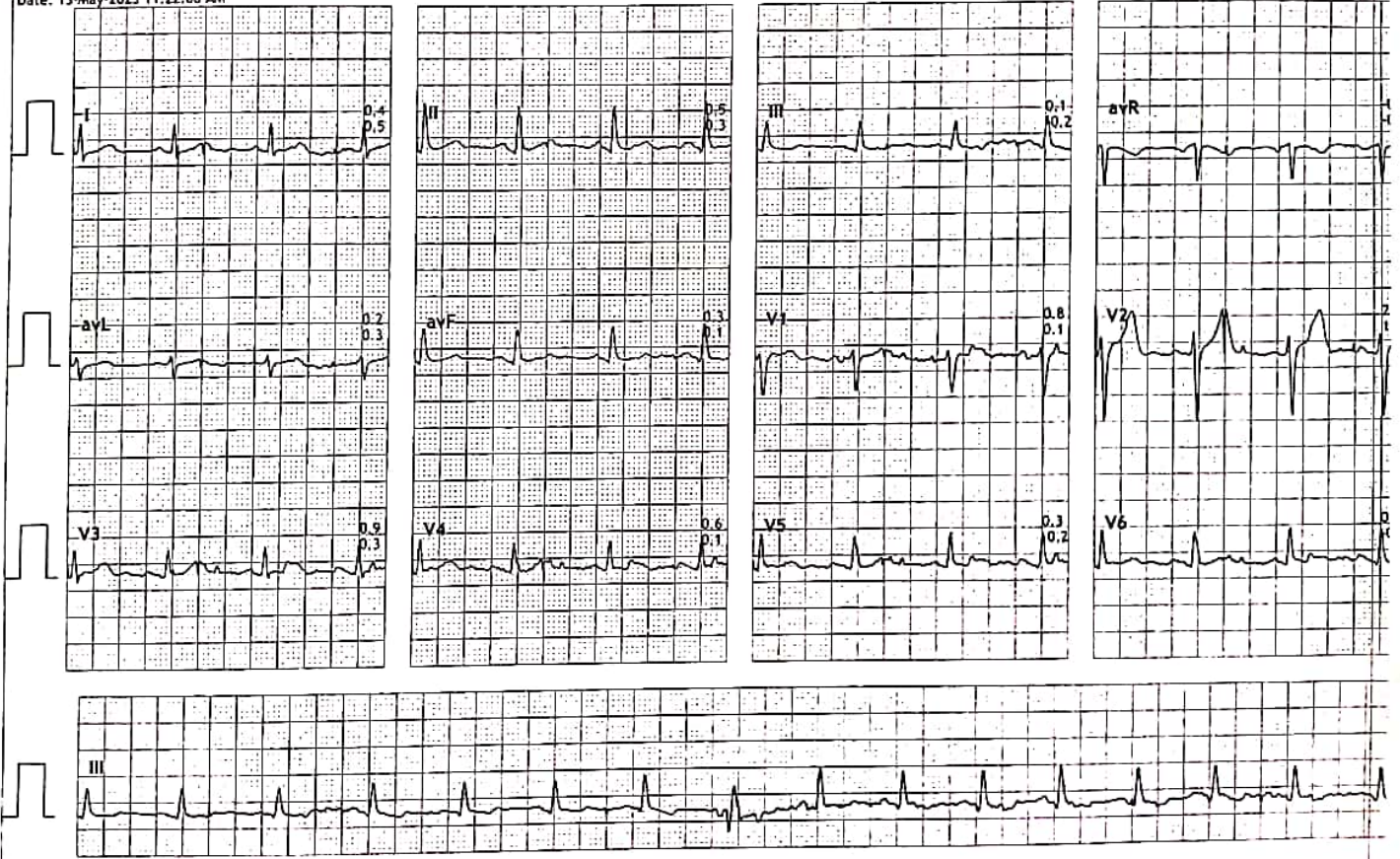
HR: 113 bpm
METS: 1.0
BP: 130/80

MPHR: 59% of 189
Speed: 0.0 kmph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 01:00
BLC : On
Notch : On

HV
10.0 mm/mV
25 mm/Sec.



DR. HANSHU BANSAL IA

PANCHMUKHI HOSPITAL
MAVADI CHOWK, 150 RING ROAD, RAJKOT
176 / AKSHAY VAGHELA
31 Yrs / Male
0 Kg / 0 Cm
Date: 13-May-2023 11:22:06 AM

3x4+1 Rhythm Lead

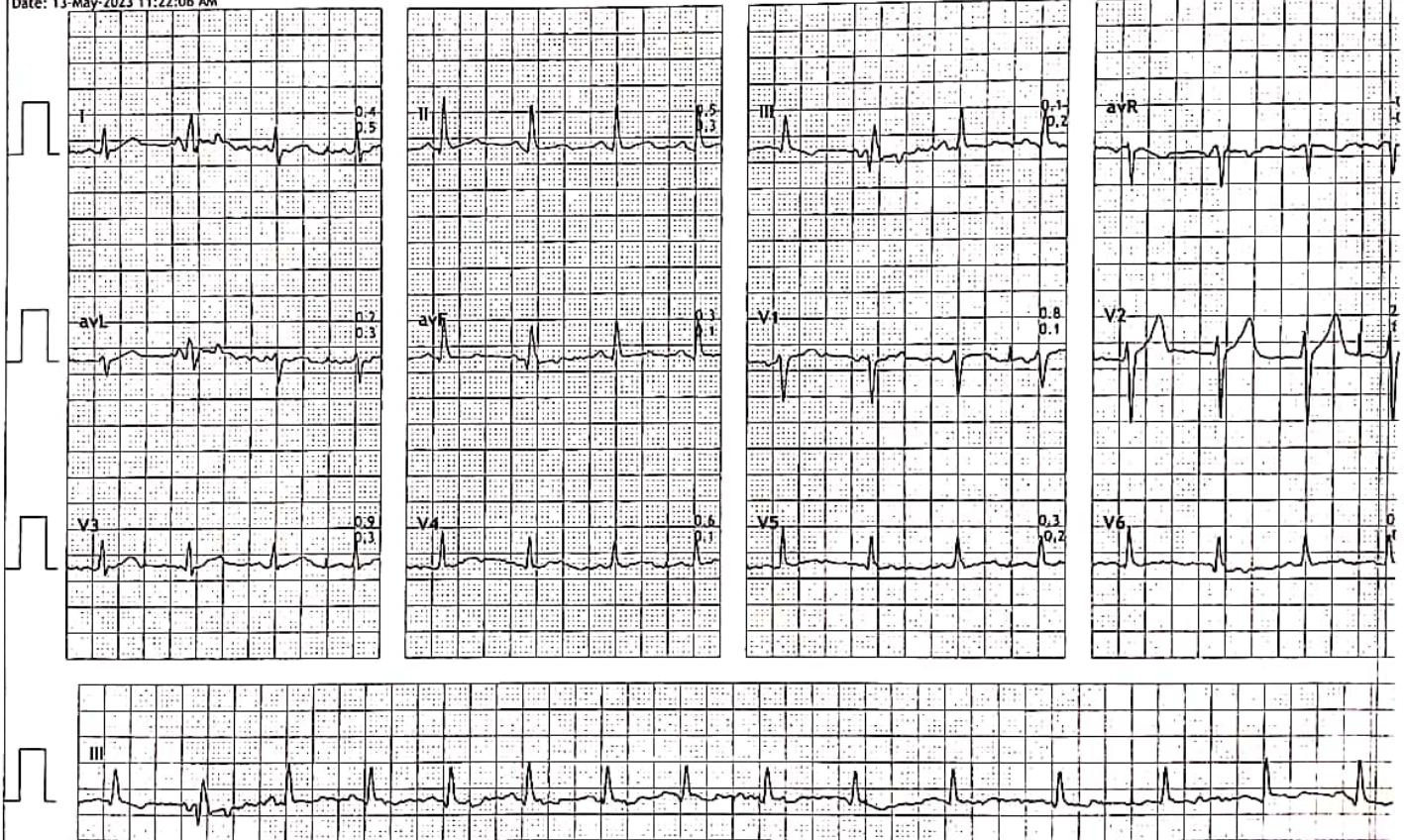
HR: 88 bpm
METS: 1.0
BP: 130/80

MPHR: 46% of 189
Speed: 0.0 kmph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 01:04
BLC :On
Notch :On

ExStart
10.0 mm/mV
25 mm/Sec.



PANCHMUKHI HOSPITAL
MAVADI CHOWK, 150 RING ROAD, RAJKOT
176 / AKSHAY VAGHELA
31 Yrs / Male
0 Kg / 0 Cm
Date: 13-May-2023 11:22:06 AM

3x4+1 Rhythm Lead

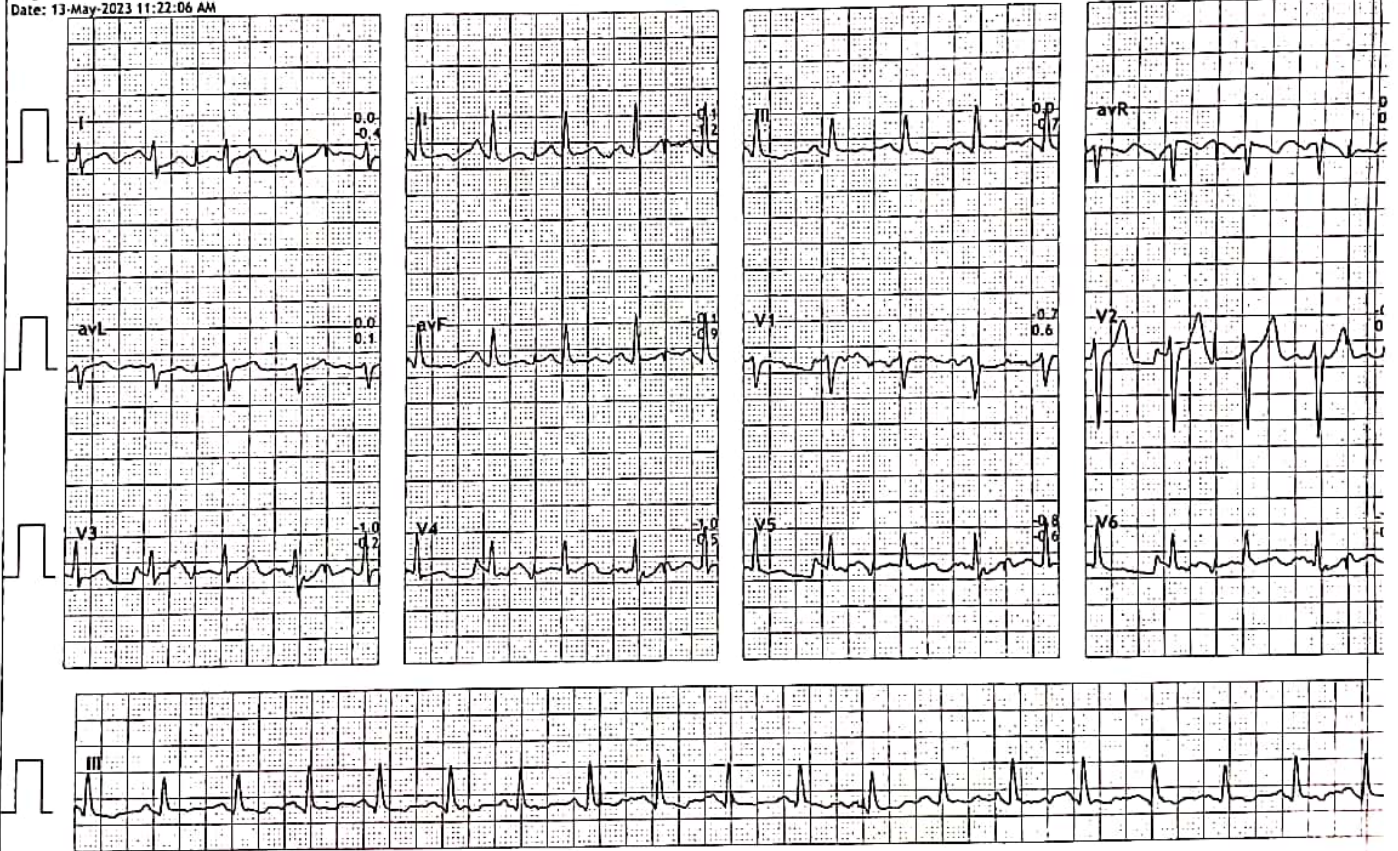
HR: 109 bpm
METS: 4.6
BP: 140/80

MPHR: 57% of 189
Speed: 2.7 kmph
Grade: 10.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 03:00
BLC :On
Notch :On

BRUCE: Stage 1
10.0 mm/mV
25 mm/Sec.



Print Date: 13.05.2023

DR. MAHILIK HANSALIA

PANCHMUKHI HOSPITAL
MAVADI CHOWK, 150 RING ROAD, RAJKOT
 176 / AKSHAY VAGHELA
 31 Yrs / Male
 0 Kg / 0 Cm
 Date: 13-May-2023 11:22:06 AM

3x4+1 Rhythm Lead

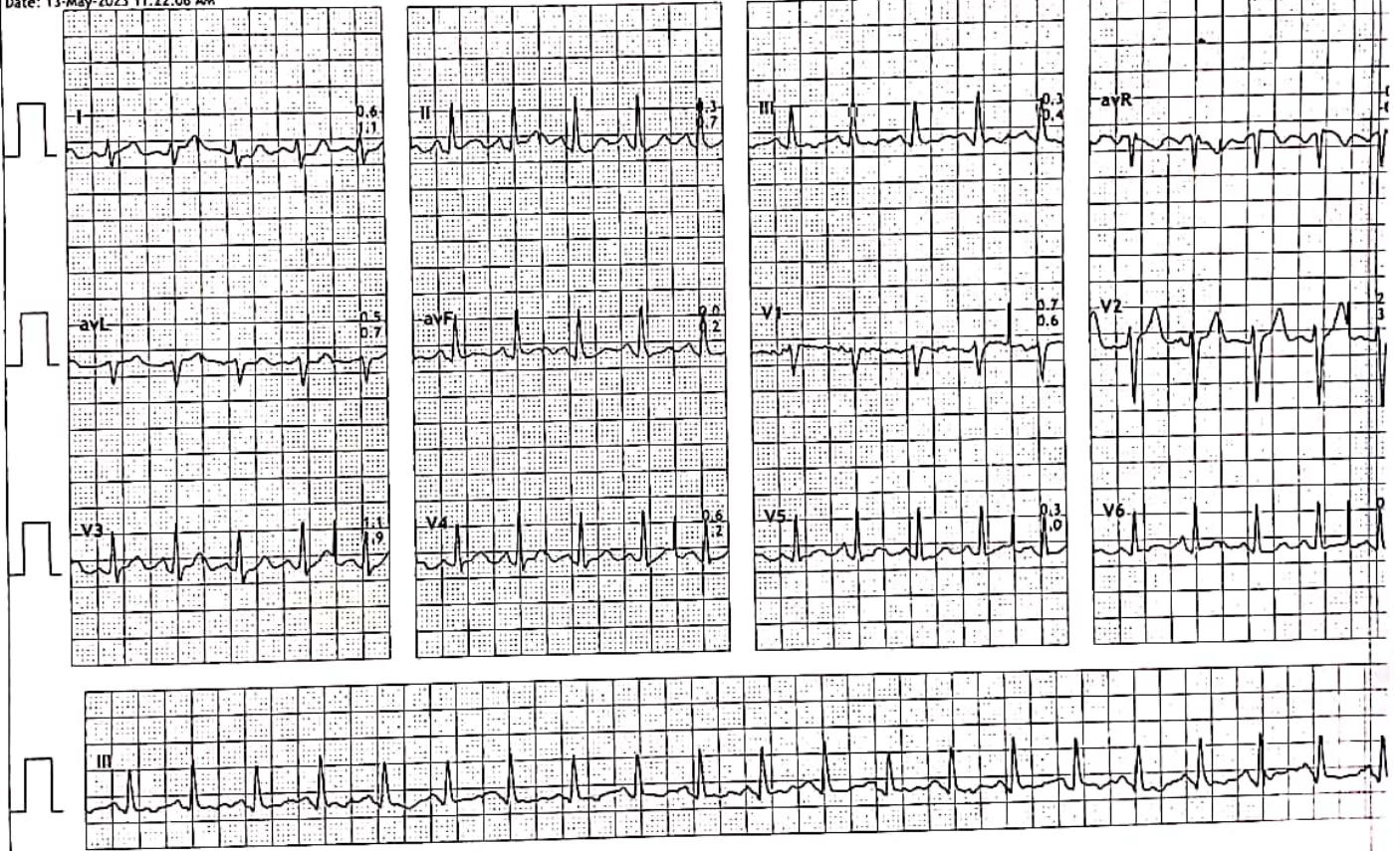
HR: 125 bpm
 METS: 7.0
 BP: 150/80

MPHR: 66% of 189
 Speed: 4.0 kmph
 Grade: 12.0%

Raw ECG
 BRUCE
 (0.05-100)Hz

Ex Time 06:00
 BLC : On
 Notch : On

BRUCE: Stage 2
 10.0 mm/mV
 25 mm/Sec.



PANCHMUKHI HOSPITAL
MAVADI CHOWK, 150 RING ROAD, RAJKOT
176 / AKSHAY VAGHELA
31 Yrs / Male
0 Kg / 0 Cm
Date: 13-May-2023 11:22:06 AM

HR: 158 bpm
METS: 9.7
BP: 170/80

MPHR: 83% of 189
Speed: 5.5 kmph
Grade: 14.0%

3x4+1 Rhythm Lead

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 08:31
BLC :On
Notch :On

BRUCE:PeakEx
10.0 mm/mV
25 mm/Sec.



Print Date 13-May-2023

DR MAULIK HANSALIA

PANCHMUKHI HOSPITAL
MAVADI CHOWK, 150 RING ROAD, RAJKOT
176 / AKSHAY VAGHELA
31 Yrs / Male
0 Kg / 0 Cm
Date: 13-May-2023 11:22:06 AM

3x4+1 Rhythm Lead

HR: 83 bpm
METS: 1.1
BP: 170/80

MHR: 43% of 189
Speed: 0.0 kmph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 08:32
BLC :On
Notch :On

Recovery(1:00)
10.0 mm/mV
25 mm/Sec.



http://www.rmlhosp.com/ RML Hospital Pvt Ltd 2021 v19.0.1

Print Date: 13 May 2023

DR MAULIK HANSALIA

PANCHMUKHI HOSPITAL
MAVADI CHOWK, 150 RING ROAD, RAJKOT
176 / AKSHAY VAGHELA
31 Yrs / Male
0 Kg / 0 Cm
Date: 13-May-2023 11:22:06 AM

3x4+1 Rhythm Lead

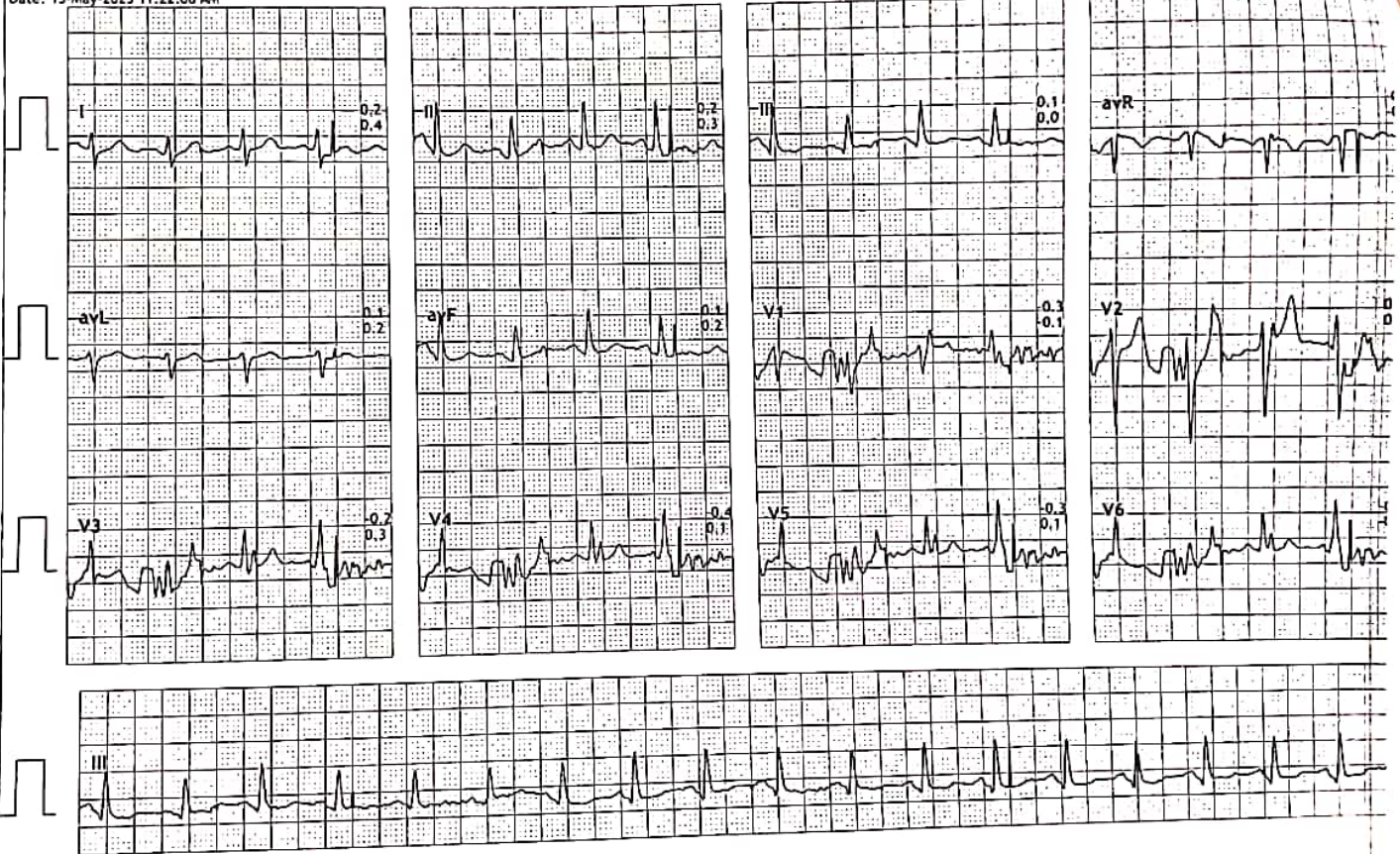
HR: 107 bpm
METS: 1.0
BP: 130/80

MPHR: 56% of 189
Speed: 0.0 kmph
Grade: 0.0%

Raw ECG
BRUCE
(0.05-100)Hz

Ex Time 08:32
BLC :On
Notch :On

Recovery(3:00)
10.0 mm/mV
25 mm/Sec.



Print Date 13-May-2023

DR MAULIK HANSALIA



Pt.'s Name: AKSHAY RAJUBHAI VAGHELA

Date: 13 May, 2023

Radiograph of chest (PA view)

- Both the lung fields shows prominent vascular marking in lower zone.
- No e/o consolidation, cavitations or collapse.
- Both the hila appears normal
- Both costophrenic angles appear clear.
- Both domes of diaphragm appear normal.
- Cardiac size is within normal limit.
- Bones under view reveals no evident abnormality.

Thanks for reference.

DR PRATIK KAGATHARA
MD

Krishna Arcade, 150 Feet Ring Road, Opp. Om Nagar (BRTS), Rajkot. Mo. 72838 42020

Pat.s' Name: AKSHAY RAJUBHAI VAGHELA

DATE: 13 May 2023

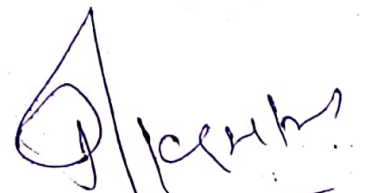
U.S.G. OF ABDOMEN AND PELVIS

- **LIVER:** is normal size and shows normal parenchymal echotexture. No focal lesion noted. Intrahepatic biliary radicals appear normal. C.B.D and portal vein appears normal in calibre.
- **GALL BLADDER:** Well distended and appears normal. No evidence of gallstone or changes of cholecystitis.
- **PANCREAS:** appears normal in size, shape, echogenicity and echotexture. No focal lesion noted. No e/o peripancreatic fluid collection.
- **SPLEEN:** normal in size, shape, echogenicity and echotexture. No focal lesion noted.
- **BOTH KIDNEYS:** are normal in size and echotexture. Cortical echogenicity appears normal. Cortico medullary differentiation is preserved. No e/o calculi or hydronephrosis on either side.
- **URINARY BLADDER:** Well distended. No evidence of calculus, wall thickening, diverticula or mass lesion.
- **PROSTATE:** is normal in size, shape and echogenicity. No focal lesion.
- Visualised bowel loops show no evident abnormality. No e/o lymphadenopathy. RIF/ LIF CLEAR. Bilateral C-P angles clear.

CONCLUSION:

- No significant abnormality seen in present study.

Thanks for reference.



DR PRATIK KAGATHARA
MD

Krishna Arcade, 150 Feet Ring Road, Opp. Om Nagar (BRTS), Rajkot. Mo. 72838 42020

32 SLICE CT SCAN | 3D-4D SONOGRAPHY | COLOUR DOPPLER | X-RAY & PROCEDURE INTERVENTIONS



AKSHAY RAJUBHAI VAGHELAM CHEST PA 13-May-23
NEELKANTH DIAGNOSTICS - RAJKOT (DR. PRATIK KAGATHARA)



भारतीय विशिष्ट ओलभाए-प्राधिकरण

Unique Identification Authority of India

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कोलोनी, शारदा बाग पासे, जामटावर
रोड, राजकोट, राजकोट, गुजरात,
360001

Address:

Type - 2, Quarters No - 18,
Kendrachal Colony, Near Sharda
Bag, Jamtower Road, Rajkot,
Rajkot, Gujarat, 360001

9444 7927 4979



1947
1800 300 1947



help@uidai.gov.in

WWW

www.uidai.gov.in



ભારત સરકાર

Government of India



અક્ષય રાજુભાઈ વાઘેલા

Akshay Rajubhai Vaghela

જન્મ તારીખ / DOB : 24/10/1991

પુરુષ / Male



9444 7927 4979

આધાર – સામાન્ય માણસનો અધિકાર



बैंक ऑफ बड़ौदा
Bank of Baroda



नाम
Name

AKSHAY VAGHELA

कर्मचारी कूट क्र.
E.C. No.

109772



धारक के हस्ताक्षर
Signature of Holder

जारीकर्ता प्राधिकारी
Issuing Authority

32/10/2024
41
23
24



Important Notice
"Sex Determination of foetus is
punishable offence under PC &
Acting for Sex Determination o
ce under PC & PNDT ACT, 1

Dr
Dr. C P BADIYANI

AKSHAY VAGHELA
108772

2023/5/13 11:04



Meediwheel Akshay vaghela

GPS Map
Camera Lite

7Q8M+5PP, Poonam Society, Mavdi, Rajkot, Gujarat 360004, India

Latitude
22.2653508°

Longitude
70.7843076°

Local 11:04:04 AM
GMT 05:34:04 AM

Altitude 145 meters
Saturday, 13.05.2023



TEST REPORT

Name : Vaghela Akshay R	Reg. No : 305100867
Age/Sex : 31 Years / Male	Reg. Date : 13-May-2023 01:26 PM
Ref. By : Dr. PANCHMUKHI HOSPITAL / INSURANCE	Collected On : 13-May-2023 01:27 PM
Client Name : PANCHMUKHI HOSPITAL	Report Date : 13-May-2023 04:43 PM

COMPLETE BLOOD COUNT (CBC)
Specimen: EDTA blood

Parameter	Result	Unit	Biological Ref. Interval	
RBC Parameters				
Hemoglobin (SLS method)	16.2	g/dL	13.0 - 18.0	
Hematocrit (Electrical Impedance)	44.20	%	47 - 52	
RBC Count (Electrical Impedance)	4.72	million/cmm	4.7 - 6.0	
MCV (Calculated)	93.6	fL	78 - 110	
MCH (Calculated)	34.4	Pg	27 - 31	
MCHC (Calculated)	36.8	%	30 - 35	
RDW (Calculated)	14.8	%	11.5 - 14.0	
WBC Parameters				
WBC Count (Flowcytometry)	5890	/cmm	4000 - 10500	
DIFFERENTIAL WBC COUNT				
Neutrophils (%)	58 %	% Range 42.0 - 75.2	Abs. Value 3416 /cmm	Abs. Range 1800 - 7700
Lymphocytes (%)	30 %	% Range 20 - 45	1767 /cmm	1000 - 3900
Eosinophils (%)	04 %	% Range 1 - 4	236 /cmm	0 - 450
Monocytes (%)	08 %	% Range 2 - 8	471 /cmm	200 - 1000
Basophils (%)	00 %	% Range 0 - 1	0 /cmm	20 - 100
Platelete Parameter				
Platelet Count	199000	/cmm	150000 - 450000	
MPV	9.3	fL	7.4 - 10.4	
PDW	75.3	%	8.3 - 56.6	
PCT (Platelet Haematocrit)	0.19	%	0.2 - 0.5	

towards the healthiness...

DRI.

This is an Electronically Authenticated Report.

Page 1 of 15

Dr. Viral R. Jethava
M.D. (Path, PDCC)




TEST REPORT

Name	: Vaghela Akshay R	Reg. No	: 305100867
Age/Sex	: 31 Years / Male	Reg. Date	: 13-May-2023 01:26 PM
Ref. By	: Dr. PANCHMUKHI HOSPITAL / INSURANCE	Collected On	: 13-May-2023 01:27 PM
Client Name	: PANCHMUKHI HOSPITAL	Report Date	: 13-May-2023 04:43 PM

BLOOD GROUP & RH

Specimen: EDTA and Serum; Method: Haemagglutination

Parameter	Result	Unit	Biological Ref. Interval
ABO	"B"		
Rh (D)	Positive		

The Blood Group is done from received sample. Kindly ask for Blood Group Card. In case of any query, please contact Laboratory.

towards the healthiness...


This is an Electronically Authenticated Report.

Page 2 of 15

Dr. Viral R. Jethava
 M.D. (Path, PDCC)



TEST REPORT

Name : Vaghela Akshay R	Reg. No : 305100867
Age/Sex : 31 Years / Male	Reg. Date : 13-May-2023 01:26 PM
Ref. By : Dr. PANCHMUKHI HOSPITAL / INSURANCE	Collected On : 13-May-2023 01:27 PM
Client Name : PANCHMUKHI HOSPITAL	Report Date : 13-May-2023 04:43 PM

Test	Result	Unit	Biological Ref. Interval
Erythrocyte sedimentation rate Sample, EDTA whole blood			
ESR (After 1 hour)	04	mm/hr	1 - 7

towards the healthiness...

D.R.I.

This is an Electronically Authenticated Report.

Page 3 of 15

Dr. Viral R. Jethava
M.D. (Path, PDCC)


TEST REPORT

Name	: Vaghela Akshay R	Reg. No	: 305100867
Age/Sex	: 31 Years / Male	Reg. Date	: 13-May-2023 01:26 PM
Ref. By	: Dr. PANCHMUKHI HOSPITAL / INSURANCE	Collected On	: 13-May-2023 01:27 PM
Client Name	: PANCHMUKHI HOSPITAL	Report Date	: 13-May-2023 04:43 PM

FASTING PLASMA GLUCOSE
 Specimen: Flouride plasma

Parameter	Result	Unit	Biological Ref. Interval
Fasting Blood Sugar (FBS) <i>HEXOKINASE</i>	81.00	mg/dL	<100 :Non-Diabetic 100-125 :Impaired Fasting Glucose (IFG) >=126 :Diabetic

Criteria for the diagnosis of diabetes :

- HbA1c \geq 6.5 %Or
- Fasting plasma glucose >126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.Or
- Two-hour plasma glucose \geq 200mg/dL during an oral glucose tolerance test by using a glucose load containing the equivalent of 75 gm anhydrous glucose dissolved in water.Or
- In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose \geq 200 mg/dL.

*In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing.

American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34; S11.

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Page 4 of 15

Dr. Viral R. Jethava
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TEST REPORT

Name : Vaghela Akshay R	Reg. No : 305100867
Age/Sex : 31 Years / Male	Reg. Date : 13-May-2023 01:26 PM
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Client Name : PANCHMUKHI HOSPITAL	Report Date : 13-May-2023 04:43 PM

POST PRANDIAL PLASMA GLUCOSE
Specimen: Flouride plasma

Parameter	Result	Unit	Biological Ref. Interval
Post Prandial Blood Sugar (PPBS) HEXOKINASE	119.0	mg/dL	70 - 140

Criteria for the diagnosis of diabetes :

- HbA1c \geq 6.5 %Or
- Fasting plasma glucose >126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.Or
- Two-hour plasma glucose \geq 200mg/dL during an oral glucose tolerance test by using a glucose load containing the equivalent of 75 gm anhydrous glucose dissolved in water.Or
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This is an Electronically Authenticated Report.

Page 5 of 15

Dr. Viral R. Jethava
M.D. (Path, PDCC)





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LIPID PROFILE
Specimen: Serum

Parameter	Result	Unit	Biological Ref. Interval
Cholesterol <i>Cholesterol Oxidase</i>	135.6	mg/dL	Desirable : < 200.0 Borderline High : 200-239 High : > 240.0
Triglyceride <i>Enzymatic Reaction With Glycerol Kinase</i>	85.2	mg/dL	Normal : < 150.0 Borderline : 150-199 High : 200-499 Very High : > 500.0
HDL Cholesterol <i>Siemens AHDL</i>	49.3	mg/dL	High Risk : < 40 Low Risk : >= 60
LDL Cholesterol <i>Siemens ALDL</i>	74.2	mg/dL	Optimal : < 100 Near Optimal/above optimal : 100-129 Borderline High : 130-159 High : 160-189 Very High : >=190
VLDL Cholesterol <i>Calculated</i>	17.04	mg/dL	15 - 35
LDL / HDL RATIO <i>Calculated</i>	1.51		0 - 3.5
Cholesterol /HDL Ratio <i>Calculated</i>	2.75		0 - 5.0

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D.R.I.

This is an Electronically Authenticated Report.

Page 6 of 15

Dr. Viral R. Jethava
M.D. (Path, PDCC)





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UREA & BLOOD UREA NITROGEN

Specimen : Serum

Parameter	Result	Unit	Biological Ref. Interval
Urea <i>Calculated</i>	21.6	mg/dL	17 - 43
Blood Urea Nitrogen (BUN) <i>UREASE/GLDH</i>	10.09	mg/dL	7.0 - 18.0
Uric Acid <i>Uricase</i>	4.3	mg/dL	3.5 - 7.2
GGT <i>Siemens/37C</i>	66.2	U/L	15 - 85

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D.R.I.

This is an Electronically Authenticated Report.

Page 7 of 15

Dr. Viral R. Jethava
M.D. (Path, PDCC)





TEST REPORT

Name	: Vaghela Akshay R	Reg. No	: 305100867
Age/Sex	: 31 Years / Male	Reg. Date	: 13-May-2023 01:26 PM
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Creatinine With eGFR

Specimen : Serum

Parameter	Result	Unit	Biological Ref. Interval
Creatinine <small>ALKALINE PICRATE, COLORIMETRIC KINETIC</small>	0.85	mg/dL	0.7 - 1.3
eGFR	95.20	ml/min/1.73 sq m	Normal or High: >=90 Mild decrease: 60-89 Mild moderate decrease: 45-59 Moderate to severe decrease: 30-44 Severe decrease: 15-29 Kidney failure: <15

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This is an Electronically Authenticated Report.

Page 8 of 15

Dr. Viral R. Jethava
M.D. (Path, PDCC)




TEST REPORT

Name	: Vaghela Akshay R	Reg. No	: 305100867
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HEMOGLOBIN A1 C (HBA1C)
 Specimen: Blood EDTA

Parameter	Result	Unit	Biological Ref. Interval
HbA1C <i>Siemens Dimension</i>	5.04	%	Non-Diabetic : Normal : < 5.7 % Pre-Diabetes : 5.7 % - 6.4 % Diabetes : >6.4 % Diabetic : Poor Control : > 7.0 % Good Control : 6.0 % - 7.0 %
Mean Blood Glucose <i>Calculated</i>	97.95	mg/dL	Please correlate with clinical condition 90-115: Normal 115-133: Pre-Diabetic 134-150: Good Control 151-180: Average Control 181-210: Action Suggested >211: Panic Value

Explanation :

- Total hemoglobin A1 c is continuously synthesized in the red blood cell through its 120 days life span. The concentration of HBA1c in the cell reflects the average blood glucose concentration it encounters.
- The level of HBA1c increases proportionately in patients with uncontrolled diabetes. It reflects the average blood glucose concentration over an extended time period and remains unaffected by short-term fluctuations in blood glucose levels.
- The measurement of HbA1c can serve as a convenient test for evaluating the adequacy of diabetic control and in preventing various diabetic complications. Because the average half-life of a red blood cell is sixty days, HbA1c has been accepted as a measurement which reflects the mean daily blood glucose concentration, better than fasting blood glucose determination, and the degree of carbohydrate imbalance over the preceding two months.
- It may also provide a better index of control of the diabetic patient without resorting to glucose loading procedures

HbA1c assay Interferences :

- Presence of Hemoglobin variants and/or conditions that affect red cell turnover must be considered, particularly when the HbA1C result does not correlate with the patient's blood glucose levels.


Dr. Viral R. Jethava
 M.D. (Path, PDCC)

This is an Electronically Authenticated Report.

Page 9 of 15


TEST REPORT

Name	: Vaghela Akshay R	Reg. No	: 305100867
Age/Sex	: 31 Years / Male	Reg. Date	: 13-May-2023 01:26 PM
Ref. By	: Dr. PANCHMUKHI HOSPITAL / INSURANCE	Collected On	: 13-May-2023 01:27 PM
Client Name	: PANCHMUKHI HOSPITAL	Report Date	: 13-May-2023 04:43 PM

THYROID FUNCTION TEST

Parameter	Result	Unit	Biological Ref. Interval
Thyroid Stimulating Hormone (TSH) <small>CLIA</small>	4.23	μIU/ml	0.35 - 5.50

Remarks:

- Thyroid-stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulates the thyroid gland to synthesize and secrete T3 and T4.
- Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism.
- In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

TSH levels During Pregnancy :

- First Trimester : 0.1 to 2.5 μIU/mL
- Second Trimester : 0.2 to 3.0 μIU/mL
- Third trimester : 0.3 to 3.0 μIU/mL
- Reference: Carl A. Burtis, Edward R. Ashwood, David E. Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders, 2012: 2170

Triiodothyronine (T3) <small>CLIA</small>	1.22	ng/mL	0.6 - 1.81
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Clinical Significance:

- Triiodothyronine (T3) is a hormone synthesized and secreted by the thyroid gland in response to the pituitary hormone TSH and is regulated by a negative feedback mechanism involving the thyroid gland, pituitary gland, and hypothalamus.
- In the circulation, 99.7% of T3 is reversibly bound to transport proteins, primarily thyroxine-binding globulin (TBG) and to a lesser extent albumin and prealbumin. The remaining unbound T3 is free in the circulation and is metabolically active.
- In hypothyroidism and hyperthyroidism, FT3 levels parallel changes in total T3 levels. Measuring FT3 is useful in certain conditions such as normal pregnancy and steroid therapy, when altered levels of total T3 occur due to changes in T3 binding proteins, especially TBG.



Dr. Viral R. Jethava
M.D. (Path, PDCC)

This is an Electronically Authenticated Report.

Page 10 of 15



TEST REPORT

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Thyroxine (T4) 8.16 µg/dL 4.5 - 12.6
CLIA

Clinical Significance :

- Thyroxin (T4) is a hormone synthesized and secreted by the thyroid gland in response to the pituitary hormone TSH and is regulated by a negative feedback mechanism involving the thyroid gland, pituitary gland, and hypothalamus. In the circulation, 99.95% of T4 is reversibly bound to transport proteins, primarily thyroxine-binding globulin (TBG) and to a lesser extent albumin and thyroxine-binding prealbumin. The remaining unbound T4 is free in the circulation and is both metabolically active and a precursor to T3.
- In hypothyroidism and hyperthyroidism, FT4 levels parallel changes in total T4 levels. Measuring FT4 is useful in certain conditions such as normal pregnancy and steroid therapy, when altered levels of total T4 occur due to changes in T4 binding proteins, especially TBG.

Limitations:

- The anticonvulsant drug phenytoin may interfere with total and FT4 levels due to competition for TBG binding sites.
- FT4 values may be decreased in patients taking carbamazepine.
- Thyroid autoantibodies in human serum may interfere and cause falsely elevated FT4 results.

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Page 11 of 15

Dr. Viral R. Jethava
M.D. (Path, PDCC)





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Name	: Vaghela Akshay R	Reg. No	: 305100867
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STOOL EXAMINATION

Parameter	Result	Unit	Biological Ref. Interval
PHYSICAL EXAMINATION			
Quantity	30 gms		
Colour	Brown		
Consistency	Solid		
CHEMICAL EXAMINATION			
Occult Blood <i>Peroxidase Reaction with o-Dianisidine</i>	Negative		
Reaction <i>pH Strip Method</i>	Neutral		
Reducing Substance	Absent		
MICROSCOPIC EXAMINATION			
Mucus	Absent		
Pus Cells	Absent		
Red Cells	Absent		
Epithelial Cells	Absent		
Vegetable Cells	Absent		
Trophozoites	Absent		
Cysts	Absent		
Ova	Absent		
Neutral Fat	Absent		
Monilia	Absent		
Bacteria	Absent		

Note: Stool occult blood test is highly sensitive to peroxidase like activity of free hemoglobin.
False negative: False negative occult blood test may be observed in case of excess (>250mg/day) Vitamin C intake and in case of occasional unruptured RBCs.
False positive: False positive occult blood test may be observed in stool samples containing vegetable peroxidase (turnips, horseradish, cauliflower, broccoli, cantaloupe, parsnips) and myoglobin from food (meat diet) intake.

D.R.I.

This is an Electronically Authenticated Report.

Page 12 of 15

Dr. Viral R. Jethava
M.D. (Path, PDCC)





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D.R.I.



This is an Electronically Authenticated Report.

Page 13 of 15

Dr. Viral R. Jethava
M.D. (Path, PDCC)

Mangla Road Branch: 3rd Floor, Smile Building, 5 Manhar Plot Corner, Mangla Main Road, Rajkot. Ph. 0281 - 247 33 77

Sadhu Vasvani Road Branch: Ground Floor, Office no. 3, Nakshtra-VIII, Nr. Sun City Apt., Sadhu Vasvani Road, Rajkot - 1

Helpline No. : 70965 77000  www.neutropath.com  neutropath@gmail.com

The test results are subject to variations due to technical limitations, hence correlation with clinical findings and other investigations should be done





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URINE ROUTINE EXAMINATION

Parameter	Result	Unit	Biological Ref. Interval
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PHYSICAL EXAMINATION

Quantity	30 cc		
Colour	Pale Yellow		
Clarity	Clear		

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC)

pH	6.0		4.6 - 8.0
Sp. Gravity	1.010		1.001 - 1.035
Protein	Nil		
Glucose	Nil		
Ketone Bodies	Nil		
Urobilinogen	Normal Present		
Bile salts:	Absent		Absent
Bile Pigments:	Absent		Absent
Nitrite	Nil		

MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)

Leucocytes (Pus Cells)	1 - 3/hpf
Erythrocytes (Red Cells)	Absent
Epithelial Cells	Occasional
Amorphous Material	Absent
Casts	Absent
Crystals	Absent
Bacteria	Absent

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D.R.I.

This is an Electronically Authenticated Report.

Page 14 of 15

Dr. Viral R. Jethava
M.D. (Path, PDCC)





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LIVER FUNCTION TEST

Specimen : Serum

Parameter	Result	Unit	Biological Ref. Interval
Total Protein <i>BIURET</i>	7.6	g/dL	6.4 - 8.2
Albumin <i>Dye Binding - Bromocresol Purple (BCP)</i>	4.26	g/dL	3.40 - 5.00
Globulin <i>Calculated</i>	3.34	g/dL	2.3 - 3.5
A/G Ratio <i>Calculated</i>	1.28		0.8 - 3.1
SGOT (AST) <i>Siemens/37C</i>	26.3	U/L	15 - 37
SGPT (ALT) <i>Siemens/37C</i>	61.5	U/L	16 - 63
Alkaline Phosphatase <i>Siemens/37C</i>	83.1	U/L	46 - 116
Total Bilirubin <i>Diazo-Caffeine/Benzoate Coupling (Jendrassik-Grof) w/blank</i>	0.26	mg/dL	0.2 - 1
Conjugated Bilirubin <i>Diazo-Caffeine/Benzoate Coupling (Jendrassik-Grof) w/blank</i>	0.14	mg/dL	0 - 0.20
Unconjugated Bilirubin <i>Sulph acid dpl/caff-benz</i>	0.12	mg/dL	0.0 - 1.1

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D.R.I.

This is an Electronically Authenticated Report.

Page 15 of 15

Dr. Viral R. Jethava
M.D. (Path, PDCC)

