



BHAILAL AMIN GENERAL HOSPITAL

ESTD. 1964



HCP Number : 11045 MR Number : 23237157 Patient Name: VIKRANT
 Age : 35 Years Sex : Male Height : 185 Cms
 Weight : 83.2 Kgs Ideal Weight : 79 BMI : 24.31
 Date : 17/04/2024

Past H/O : NO P/H/O ANY MAJOR ILLNESS

Present H/O : BODYACHE
GAS

Family H/O : NO F/H/O ANY MAJOR ILLNESS

Habits : NO HABITS

Gen.Exam. : G.C.GOOD

B.P : 134/84

Pulse : 74

Others : SPO2 98 %

C.V.S : NAD

R.S. : NAD

Abdomen : NP

Spleen : NP

Skin : NAD

C.N.S : NAD

Advice :

Hypothyroidism
Levothyron

A
Levothyron

10 Thyronorm 25mcg

1-0-0

S. TSH 21u
2 months

ABF





Patient Name : Mr. VIKRANT
 Gender / Age : Male / 35 Years 2 Months 7 Days
 MR No / Bill No. : 23237157 / 251006229
 Consultant : Dr. Manish Mittal
 Location : OPD

Type : OPD
 Request No. : 220126
 Request Date : 17/04/2024 09:05 AM
 Collection Date : 17/04/2024 10:01 AM
 Approval Date : 17/04/2024 02:23 PM

CBC + ESR

Test	Result	Units	Biological Ref. Range
Haemoglobin.			
Haemoglobin	14.3	gm/dL	13 - 17
Red Blood Cell Count (T-RBC)	5.60	mill/cmm	4.5 - 5.5
Hematocrit (HCT)	47.0	%	40 - 50
Mean Corpuscular Volume (MCV)	83.9	fl	83 - 101
Mean Corpuscular Haemoglobin (MCH)	25.5	pg	27 - 32
MCH Concentration (MCHC)	30.4	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	14.9	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	45.0	fl	39 - 46
Total Leucocyte Count (TLC)			
Total Leucocyte Count (TLC)	6.30	thou/cmm	4 - 10
Differential Leucocyte Count			
Polymorphs	55	%	40 - 80
Lymphocytes	32	%	20 - 40
Eosinophils	6	%	1 - 6
Monocytes	7	%	2 - 10
Basophils	0	%	0 - 2
Polymorphs (Abs. Value)	3.46	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	2.01	thou/cmm	1 - 3
Eosinophils (Abs. Value)	0.32	thou/cmm	0.2 - 0.5
Monocytes (Abs. Value)	0.42	thou/cmm	0.2 - 1
Basophils (Abs. Value)	0.09	thou/cmm	0.02 - 0.1
Immature Granulocytes	0.3	%	1 - 3 : Borderline > 3 : Significant
Platelet Count			
Platelet Count	151	thou/cmm	150 - 410
Smear evaluation	Adequate		
Remarks	Few large platelets seen.		
ESR	6	mm/1 hr	0 - 10

Test Results are dependent on a number of variables & technical limitations. Hence, it is advised to correlate with clinical findings and other related investigations before any firm opinion is made. Recheck / retest may be requested.

365 Days / 24 Hours Laboratory Services

Home Collection Facility Available
(Mon To Sat 8:00 am to 5:00 pm)



BHAILAL AMIN
GENERAL HOSPITAL

ESTD. 1964

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DEPARTMENT OF LABORATORY MEDICINE

Patient Name	: Mr. VIKRANT	Type	: OPD
Gender / Age	: Male / 35 Years 2 Months 7 Days	Request No.	: 220126
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CBC + ESR

Immature Granulocyte (IG) count is a useful early marker of infection or inflammation, even when other markers are normal. It is an early and rapid discrimination of bacterial from viral infections. It is also increased in patients on steroid therapy / chemotherapy or haematological malignancy. High IG is always pathological; except in pregnancy and neonates of < 7 days.
Method : HB by Non-Cyanide Hemoglobin analysis method. HCT by RBC pulse height detection method. RBC, TLC & PLC are by Particle Count by Electrical Impedance in Cell Counter by Fluorescent flow cytometry using a semi-conductor laser and hydrodynamic focusing in dedicated channels. Optical Platelets by Fluorescent + Laser Technology. MCV, MCH, MCHC, RDW (CV & SD) are calculated parameter. DLC by Flowcytometry method using semi-conductor Laser+Smear verification.

ESR on ESL-30, comparable to Westergrens method and in accordance to ICSH reference method.

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

Dr. Ameer Soni
MD (Path)

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Haematology

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>Biological Ref. Range</u>
Blood Group			
ABO system	A		
Rh system.	Positive		

By Gel Technology / Tube Agglutination Method

Note :

- This blood group has been done with new sensitive Gel Technology using both Forward and Reverse Grouping Card with Autocontrol.
- This method check's group both on Red blood cells and in Serum for "ABO" group.

— End of Report —

Dr. Ameet Soni
MD (Path)

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DEPARTMENT OF LABORATORY MEDICINE

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Fasting Plasma Glucose

Test	Result	Units	Biological Ref. Range
<i>Fasting Plasma Glucose</i>			
Fasting Plasma Glucose	97	mg/dL	70 - 110
Post Prandial 2 Hr. Plasma Glucose	103	mg/dL	70 - 140

By Hexokinase method on EXL Dade Dimension

— End of Report —

Dr. Rakesh Vaidya
MD (Path). DCP.

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HbA1c (Glycosylated Hb)

Test	Result	Units	Biological Ref. Range
HbA1c (Glycosylated Hb)			
Glycosylated Heamoglobin (HbA1c)	4.5	%	
estimated Average Glucose (e AG) *	82.45	mg/dL	

(Method:

By Automated HPLC analyser on D-10 Biorad. NGSP Certified, US-FDA approved, Traceable to IFCC reference method.

* Calculated valued for past 60 days, derived from HbA1c %, based on formula recommended by the A1c - Derived Average Glucose study from ADA and EASD funded The ADAG trial.

Guidelines for Interpretation:

Indicated Glycemic control of previous 2-3 months

HbA1c%	e AG (mg/dl)	Glycemic control
> 8	> 183	Action suggested...High risk of developing long-term complications. Action suggested, depends on individual patient circumstances
7 - 8	154 - 183	Good
< 7	< 154	Goal...Some danger of hypoglycemic reaction in type I Diabetics. Some Glucose intolerant individuals and Sub-Clinical diabetics may demonstrate (elevated) HbA1c in this area.
6 - 7	126 - 154	Near Normal
< 6	< 126	Nondiabetic level)

— End of Report —

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Complete Lipid Profile

Test	Result	Units	Biological Ref. Range
Complete Lipid Profile			
Appearance	Clear		
Triglycerides	146	mg/dL	1 - 150
<i>(Done by Lipase /Glycerol kinase on Vitros 5600)</i>			
<i>< 150 Normal</i>			
<i>150-199 Borderline High</i>			
<i>200-499 High</i>			
<i>> 499 Very High)</i>			
Total Cholesterol	159	mg/dL	1 - 200
<i>(Done by Colorimetric - Cholesterol Oxidase, esterase, peroxidase on Vitros 5600.)</i>			
<i><200 mg/dL - Desirable</i>			
<i>200-239 mg/dL - Borderline High</i>			
<i>> 239 mg/dL - High)</i>			
HDL Cholesterol	41	mg/dL	40 - 60
<i>(Done by Colorimetric: non HDL precipitation method PTA/MgCl2 on Vitros 5600)</i>			
<i>< 40 Low</i>			
<i>> 60 High)</i>			
Non HDL Cholesterol (calculated)	118	mg/dL	1 - 130
<i>(Non- HDL Cholesterol)</i>			
<i>< 130 Desirable</i>			
<i>139-159 Borderline High</i>			
<i>160-189 High</i>			
<i>> 191 Very High)</i>			
LDL Cholesterol	109	mg/dL	1 - 100
<i>(Done by Enzymatic (Two Step CHE/CHO/POD) on Vitros 5600)</i>			
<i>< 100 Optimal</i>			
<i>100-129 Near / above optimal</i>			
<i>130-159 Borderline High</i>			
<i>160-189 High</i>			
<i>> 189 Very High)</i>			
VLDL Cholesterol (calculated)	29.2	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	2.66		2.1 - 3.5
T. Ch./HDL Ch. Ratio	3.88		3.5 - 5
<i>(Recent NECP / ATP III Guidelines / Classification (mg/dl) :)</i>			

— End of Report —

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Liver Function Test (LFT)

Test	Result	Units	Biological Ref. Range
Bilirubin			
Bilirubin - Total	0.89	mg/dL	0 - 1
Bilirubin - Direct	0.28	mg/dL	0 - 0.3
Bilirubin - Indirect	0.61	mg/dL	0 - 0.7
<i>(Done by Dual Wavelength - Reflectance Spectrophotometry on Vitros 5600)</i>			
Aspartate Aminotransferase (SGOT/AST)	33	U/L	15 - 40
<i>(Done by Multipoint Rate Colorimetric with P-5-P on Vitros 5600)</i>			
Alanine Aminotransferase (SGPT/ALT)	48	U/L	16 - 63
<i>(Done by Multipoint-Rate/Colorimetric with P-5-P (pyridoxa-5-phosphate) on Vitros 5600)</i>			
Alkaline Phosphatase	63	U/L	53 - 128
<i>(Done by Multipoint-Rate - p-nitrophenyl Phosphate, AMP buffer on Vitros 5600)</i>			
Gamma Glutamyl Transferase (GGT)	19	U/L	15 - 85
<i>(Done by Multipoint Rate - L-γ-glutamyl-p-nitroanilide on Vitros 5600)</i>			
Total Protein			
Total Proteins	7.67	gm/dL	6.4 - 8.2
Albumin	4.49	gm/dL	3.4 - 5
Globulin	3.18	gm/dL	3 - 3.2
A : G Ratio	1.41		1.1 - 1.6
<i>(Done by Biuret endpoint and Bromocresol green method on vitros 5600.)</i>			

--- End of Report ---

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Renal Function Test (RFT)

Test	Result	Units	Biological Ref. Range
Urea (Done by Endpoint/Colorimetric - Urease on Vitros 5600)	17	mg/dL	10 - 45
BUN	7.94	mg/dL	5 - 21
Creatinine (By Modified Kinetic Jaffe Technique)	0.86	mg/dL	0.9 - 1.3
Estimate Glomerular Filtration rate (Ref. range : > 60 ml/min for adults between age group of 18 to 70 yrs. eGFR Calculated by IDMS Traceable MDRD Study equation. Reporting of eGFR can help facilitate early detection of CKD. By Modified Kinetic Jaffe Technique)	More than 60		
Uric acid (Done by Colorimetric - Uricase, Peroxidase on Vitros 5600)	6.4	mg/dL	3.4 - 7.2

— End of Report —

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 Approval Date : 17/04/2024 03:31 PM

Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
Triiodothyronine (T3)	1.24	ng/ml	
<i>(Done by CLIA based method on automated immunoassay Vitros 5600.)</i>			
<i>Reference interval (ng/ml)</i>			
1 - 3 days	: 0.1 - 7.4		
1-11 months	: 0.1 - 2.45		
1-5 years	: 0.1 - 2.7		
6-10 years	: 0.9 - 2.4		
11-15 years	: 0.8 - 2.1		
16-20 years	: 0.8 - 2.1		
Adults (20 - 99 years)	: 1.07 - 1.85		
Pregnancy (in last 5 months)	: 1.2 - 2.5		
<i>(Reference : Tietz - Clinical guide to laboratory test, 4th edition)</i>			
Thyroxine (T4)	6.24	mcg/dL	
<i>(Done by CLIA based method on automated immunoassay Vitros 5600.)</i>			
<i>Reference interval (mcg/dL)</i>			
1 - 3 days	: 11.8 - 22.6		
1- 2 weeks	: 9.8 - 16.6		
1 - 4 months	: 7.2 - 14.4		
4 - 12 months	: 7.8 - 16.5		
1-5 years	: 7.3 - 15.0		
5 - 10 years	: 6.4 - 13.3		
10 - 20 years	: 5.6 - 11.7		
Adults (20-99 years)	: 5.91 - 12.98		
<i>(Reference : Tietz - Clinical guide to laboratory test, 4th edition)</i>			
Thyroid Stimulating Hormone (US-TSH)	12.5	microlU/ml	
<i>(Done by CLIA based method on automated immunoassay Vitros 5600.)</i>			
<i>Reference interval (microlU/ml)</i>			
Infants (1-4 days)	: 1.0 - 39		
2-20 weeks	: 1.7 - 9.1		
5 months - 20 years	: 0.7 - 6.4		
Adults (20-99 years)	: 0.4001 - 4.049		
<i>Pregnancy :</i>			
1st trimester	: 0.3 - 4.5		
2nd trimester	: 0.5 - 4.6		
3rd trimester	: 0.8 - 5.2		
<i>(Reference : Tietz - Clinical guide to laboratory test, 4th edition)</i>			

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— End of Report —

Dr. Ameer Soni
MD (Path)



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 Consultant : Dr. Manish Mittal
 Location : OPD

Type : OPD
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 Request Date : 17/04/2024 09:05 AM
 Collection Date : 17/04/2024 10:01 AM
 Approval Date : 17/04/2024 02:25 PM

Urine routine analysis (Auto)

Test	Result	Units	Biological Ref. Range
Physical Examination			
Quantity	30	mL	
Colour	Pale Yellow		
Appearance	Clear		
Chemical Examination (By Reagent strip method)			
pH	5.0		4.6 - 8.0
Specific Gravity	1.010		1.005 - 1.030
Protein	Negative		Negative
Glucose	Negative		Negative
Ketones	Negative		Negative
Bilirubin	Negative		Negative
Urobilinogen	Negative		Negative (upto 1)
Blood	Negative		Negative
Leucocytes	Negative		Negative
Nitrite	Negative		Negative
Microscopic Examination (by Microscopy after Centrifugation at 2000 rpm for 10 min or on fully automated Sysmex urine sedimentation analyzer UF4000)			
Red Blood Cells	0 - 1	/hpf	0 - 2
Leucocytes	0 - 1	/hpf	0 - 5
Epithelial Cells	0 - 1	/hpf	0 - 5
Casts	Nil	/lpf	Nil
Crystals	Nil	/hpf	Nil
Mucus	Absent	/hpf	Absent
Organism	Absent		

Reference : Wallach`s Interpretation to laboratory test, 10th edition

— End of Report —

Dr. Ameer Soni
MD (Path)



**BHAILAL AMIN
GENERAL HOSPITAL**



ADVANCED DIGITAL SOLUTIONS

- Computerized Radiography
- Ultra Sensitive Colour Doppler
- Ultra High Resolution Sonography
- Multi-Detector CT Scan
- Magnetic Resonance Imaging (MRI)
- Mammography
- Interventional Radiology
- Digital Subtraction Angiography (DSA)
- Foetal Echocardiography
- Echocardiography
- 4D USG & Doppler

DEPARTMENT OF DIAGNOSTIC RADIOLOGY

Patient No. : 23237157 Report Date : 17/04/2024
 Request No. : 190113568 17/04/2024 9.05 AM
 Patient Name : Mr. VIKRANT
 Gender / Age : Male / 35 Years 2 Months 7 Days

X-Ray Chest AP

Both lung fields are clear.
 Both costophrenic sinuses appear clear.
 Heart size is normal.
 Hilar shadows show no obvious abnormality.
 Aorta is normal.

• ULTRA SONOGRAPHY CANNOT DETECT ALL ABNORMALITIES
 • NOT VALID FOR MEDICO-LEGAL PURPOSES
 • CLINICAL CORRELATION RECOMMENDED

Dr. Priyanka Patel, MD.
 Consultant Radiologist





Computerized Radiography
Ultra Sensitive Colour Doppler
Ultra High Resolution Sonography
Multi-Detector CT Scan
Magnetic Resonance Imaging (MRI)
Mammography
Interventional Radiology
Digital Subtraction Angiography (DSA)
Foetal Echocardiography
Echocardiography
4D USG & Doppler

DEPARTMENT OF DIAGNOSTIC RADIOLOGY

Patient No. : 23237157 Report Date : 17/04/2024
 Request No. : 190113575 17/04/2024 9.05 AM
 Patient Name : Mr. VIKRANT
 Gender / Age : Male / 35 Years 2 Months 7 Days

USG : Screening for Abdomen (excluding Pelvis) Or Upper Abdomen

Liver is normal in size with raised echopattern. No mass lesion identified. The hepatic veins are clear and patent.

Gall bladder is well distended and shows no obvious abnormality. Common bile duct measures 4 mm in diameter.

Pancreas shows no obvious abnormality. Tail obscured. Spleen is normal in size and echopattern.

Both kidneys are normal in shape and position. Normal echogenicity and cortico medullary differentiation is noted. No hydronephrosis or mass lesion seen. No ascites.

COMMENT:

• Mild fatty liver.

Kindly correlate clinically.

• ULTRA SONOGRAPHY CANNOT DETECT ALL ABNORMALITIES
• NOT VALID FOR MEDICO-LEGAL PURPOSES
• CLINICAL CORRELATION RECOMMENDED

Dr. Priyanka Patel, MD.

Consultant Radiologist



Patient No. : 23237157 Report Date : 17/04/2024
Request No. : 190113653 17/04/2024 9.05 AM
Patient Name : Mr. VIKRANT
Gender / Age : Male / 35 Years 2 Months 7 Days

Echo Doppler Screening

MITRAL VALVE : NORMAL
AORTIC VALVE : TRILEAFLET, NORMAL
TRICUSPID VALVE : NORMAL, NO TR, NO PAH
PULMONARY VALVE : NORMAL
LEFT ATRIUM : NORMAL
AORTA : NORMAL
LEFT VENTRICLE : NORMAL, NO REGIONAL WALL MOTION ABNORMALITY,
LVEF=60%
RIGHT ATRIUM : NORMAL
RIGHT VENTRICLE : NORMAL
I.V.S. : INTACT
I.A.S. : INTACT
PULMONARY ARTERY : NORMAL
PERICARDIUM : NORMAL

COLOUR/DOPPLER FLOW MAPPING : NO AR, MR, TR, NO PAH

FINAL CONCLUSION:

1. ALL CARDIAC CHAMBERS ARE NORMAL IN DIMENSIONS
2. NO REGIONAL WALL MOTION ABNORMALITY AT REST
3. NORMAL LV SYSTOLIC FUNCTION, LVEF=60%
4. NORMAL VALVES
5. NO E/O LV DIASTOLIC DYSFUNCTION
6. NO AR, MR, TR, NO PULMONARY HYPERTENSION, (IVC COLLAPSING)
7. NO PERICARDIAL EFFUSION, CLOT VEGETATION.

Dr. KILLOI KANERIA MD, DM
Consultant Cardiologist



Name: Mr. Vikrant
Patient ID: ECU/23237157

17/04/2024 11:22:10
Standard 12-Lead

BHAILAL-AMIN GENERAL HOSPITAL

Age: 035Y
Gender: Male

Ref. phys.

HR: 70 bpm

RR: 863 ms

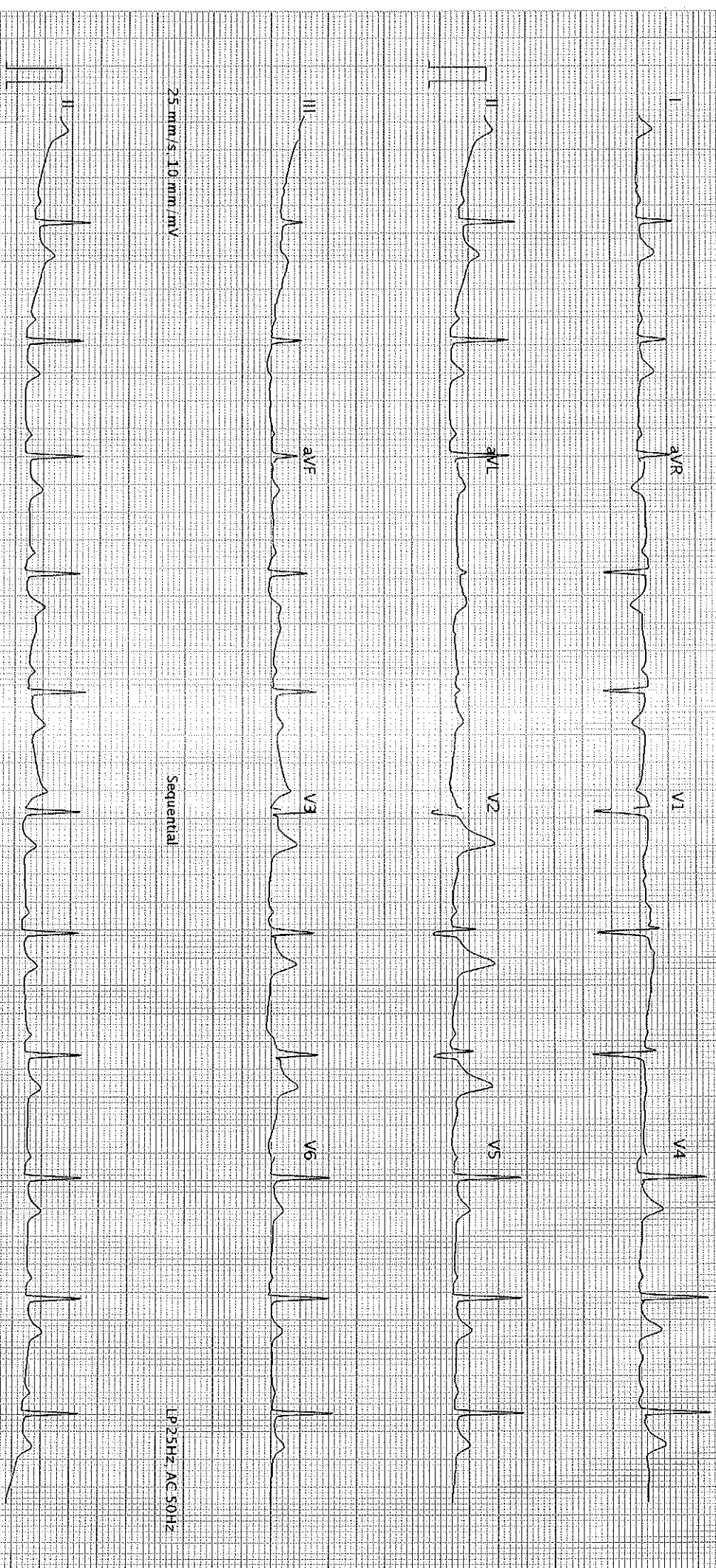
Unconfirmed report

Pacemaker: Unknown

P axis: 34°
QRS axis: 49°
T axis: 17°
PR: 164 ms
QR: 80 ms
QT: 367 ms
QTc: 395 ms

Remark:

fm



25 mm/s, 1.0 mm/mV

Sequential

LP25Hz, AC 50Hz

25 mm/s, 1.0 mm/mV

LP25Hz, AC 50Hz

AT-102-GZ-I-2-0 (1080-011030)

BHAILAL-AMIN GENERAL HOSPITAL Printed on 17/04/2024 11:23

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