

ECU Number : 6523  
Age : 34  
Weight : 92  
Date : 14/10/2023

MR Number : 23216715  
Sex : Male  
Ideal Weight : 69

Patient Name: KUMAR AMIT  
Height : 173  
BMI : 30.74

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

Present H/O : NO PRESENT COMPLAINTS.

Family H/O : BOTH PARENTS HEALTHY

Habits : NIL  
Gen.Exam. : NONE  
B.P : 110/80 mm Hg  
Pulse : 74  
Others : SPO2 98 %  
C.V.S : NAD  
R.S. : NAD  
Abdomen : NP  
Spleen : NP  
Skin : NAD  
C.N.S : NAD  
Advice :

*Fatty Liver*

*Ans*  
*Fibroscon*  
*Ly. Shyl. Marj. Cal.*

*R*



Patient Name : Mr. KUMAR AMIT  
 Gender / Age : Male / 34 Years 2 Months 13 Days  
 MR No / Bill No. : 23216715 / 242031835  
 Consultant : Dr. Manish Mittal  
 Location : OPD

Type : OPD  
 Request No. : 166768  
 Request Date : 14/10/2023 08:12 AM  
 Collection Date : 14/10/2023 09:29 AM  
 Approval Date : 14/10/2023 02:48 PM

## CBC + ESR

Test	Result	Units	Biological Ref. Range
<b>Haemoglobin.</b>			
Haemoglobin	13.4	gm/dL	13 - 17
Red Blood Cell Count (T-RBC)	4.77	mill/cmm	4.5 - 5.5
Hematocrit (HCT)	42.9	%	40 - 50
Mean Corpuscular Volume (MCV)	89.9	fl	83 - 101
Mean Corpuscular Haemoglobin (MCH)	28.1	pg	27 - 32
MCH Concentration (MCHC)	<u>31.2</u>	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	<u>14.6</u>	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	<u>49.0</u>	fl	39 - 46
<b>Total Leucocyte Count (TLC)</b>			
Total Leucocyte Count (TLC)	4.71	thou/cmm	4 - 10
<b>Differential Leucocyte Count</b>			
Polymorphs	58	%	40 - 80
Lymphocytes	34	%	20 - 40
Eosinophils	03	%	1 - 6
Monocytes	05	%	2 - 10
Basophils	00	%	0 - 2
Polymorphs (Abs. Value)	2.75	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	1.64	thou/cmm	1 - 3
Eosinophils (Abs. Value)	<u>0.10</u>	thou/cmm	0.2 - 0.5
Monocytes (Abs. Value)	0.20	thou/cmm	0.2 - 1
Basophils (Abs. Value)	0.02	thou/cmm	0.02 - 0.1
Immature Granulocytes	0.2	%	1 - 3 : Borderline > 3 : Significant
<b>Platelet Count</b>			
Platelet Count	353	thou/cmm	150 - 410
Remarks	This is counter generated CBC Report, smear review is not done		
ESR	8	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 / repeat may be requested.

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DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr. KUMAR AMIT  
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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. 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 Ves metic 20, comparable to Westergrens method and in accordance to ICSH reference method.

---- End of Report ----

Dr. Ameer Soni  
MD (Path)

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### Haematology

Test	Result	Units	Biological Ref. Range
<b>Blood Group</b>			
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 Autocontro
- This method check's group both on Red blood cells and in Serum for "ABO" group.

--- End of Report ---

Dr. Ameer Soni  
MD (Path)

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**Fasting Plasma Glucose**

Test	Result	Units	Biological Ref. Range
<i>Fasting Plasma Glucose</i>			
Fasting Plasma Glucose	94	mg/dL	70 - 110
Post Prandial 2 Hr. Plasma Glucose	101	mg/dL	70 - 140

By Hexokinase method on RXL Dade Dimesion

---- End of Report ----

Dr. Rakesh Vaidya  
MD (Path). DCP.

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**Complete Lipid Profile**

Test	Result	Units	Biological Ref. Range
<b>Complete Lipid Profile</b>			
Appearance	Clear		
Triglycerides	68	mg/dL	1 - 150
<i>(By Lipase / Glycerol dehydrogenase on RXL Dade Dimension &lt; 150 Normal 150-199 Borderline High 200-499 High &gt; 499 Very High)</i>			
Total Cholesterol	154	mg/dL	1 - 200
<i>(By enzymatic colorimetric method on RXL Dade Dimension &lt;200 mg/dL - Desirable 200-239 mg/dL - Borderline High &gt; 239 mg/dL - High)</i>			
HDL Cholesterol	46	mg/dL	40 - 60
<i>(By Direct homogenous technique, modified enzymatic non-immunological method on RXL Dade Dimension &lt; 40 Low &gt; 60 High)</i>			
Non HDL Cholesterol (calculated)	108	mg/dL	1 - 130
<i>(Non- HDL Cholesterol &lt; 130 Desirable 139-159 Borderline High 160-189 High &gt; 191 Very High)</i>			
LDL Cholesterol	102	mg/dL	1 - 100
<i>(By Direct homogenous technique, modified enzymatic non-immunological method on RXL Dade Dimension &lt; 100 Optimal 100-129 Near / above optimal 130-159 Borderline High 160-189 High &gt; 189 Very High)</i>			
VLDL Cholesterol (calculated)	13.6	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	2.22		2.1 - 3.5
T. Ch./HDL Ch. Ratio	3.35		3.5 - 5
<i>(Recent NECP / ATP III Guidelines / Classification (mg/dl) :)</i>			

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**Liver Function Test (LFT)**

Test	Result	Units	Biological Ref. Range
<b>Bilirubin</b>			
Bilirubin - Total	0.81	mg/dL	0 - 1
Bilirubin - Direct	0.20	mg/dL	0 - 0.3
Bilirubin - Indirect	0.61	mg/dL	0 - 0.7
<i>(By Diazotized sulfanilic acid on RXL Dade Dimension.)</i>			
Aspartate Aminotransferase (SGOT/AST)	30	U/L	15 - 40
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alanine Aminotransferase (SGPT/ALT)	51	U/L	16 - 63
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alkaline Phosphatase	79	U/L	53 - 128
<i>(BY PNPP AMP method on RXL Dade Dimension.)</i>			
Gamma Glutamyl Transferase (GGT)	20	U/L	15 - 85
<i>(By IFCC method on RXL Dade Dimension.)</i>			
<b>Total Protein</b>			
Total Proteins	7.60	gm/dL	6.4 - 8.2
Albumin	4.25	gm/dL	3.4 - 5
Globulin	3.35	gm/dL	3 - 3.2
A : G Ratio	1.27		1.1 - 1.6
<i>(By Biuret endpoint and Bromocresol purple method on RXL Dade Dimension.)</i>			

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Renal Function Test (RFT)

Test	Result	Units	Biological Ref. Range
Urea (By Urease Kinetic method on RXL Dade Dimension)	23	mg/dL	10 - 45
Creatinine (By Modified Kinetic Jaffe Technique)	0.87	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 (By Uricase / Catalase method on RXL Siemens)	6.7	mg/dL	3.4 - 7.2

--- End of Report ---

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MD (Path). DCP.

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 Gender / Age : Male / 34 Years 2 Months 13 Days  
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 Approval Date : 14/10/2023 02:37 PM

**HbA1c (Glycosylated Hb)**

Test	Result	Units	Biological Ref. Range
<b>HbA1c (Glycosylated Hb)</b>			
Glycosylated Heamoglobin (HbA1c)	5.5	%	
estimated Average Glucose (e AG) *	111.15	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 ----

Dr. Rakesh Vaidya  
MD (Path), JCP.

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DEPARTMENT OF LABORATORY MEDICINE

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Location : OPD

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Approval Date : 14/10/2023 12:54 PM

Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
Triiodothyronine (T3)	1.09	ng/ml	
<i>(Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.)</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 - 50 years)	: 0.7 - 2.0		
Adults (> 50 years)	: 0.4 - 1.8		
Pregnancy (in last 5 months)	: 1.2 - 2.5		
<i>( Reference : Tietz - Clinical guide to laboratory test, 4th edition )</i>			
Thyroxine (T4)	6.15	mcg/dL	
<i>(Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.)</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 / male	: 4.6 - 10.5		
Adults / female	: 5.5 - 11.0		
Adults (> 60 years)	: 5.0 - 10.7		
<i>( Reference : Tietz - Clinical guide to laboratory test, 4th edition )</i>			
Thyroid Stimulating Hormone (US-TSH)	1.4	microlU/ml	
<i>(Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.)</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 (21 - 54 years)	: 0.4 - 4.2		
Adults (> 55 years)	: 0.5 - 8.9		
<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>			

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.

— End of Report —

Dr. Rakesh Vaidya  
MD (Path). DCP.



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 Gender / Age : Male / 34 Years 2 Months 13 Days  
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 Consultant : Dr. Manish Mittal  
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**Urine routine analysis (Auto)**

Test	Result	Units	Biological Ref. Range
<b>Physical Examination</b>			
Quantity	30	mL	
Colour	Pale Yellow		
Appearance	Clear		
<b>Chemical Examination (By Reagent strip method)</b>			
pH	6.0		
Specific Gravity	1.025		
Protein	Negative	gm/dL	0 - 5
Glucose	Negative	mg/dL	0 - 5
Ketones	Negative		0 - 5
Bilirubin	Negative		Negative
Urobilinogen	Negative		Negative (upto 1)
Blood	Negative		Negative
Leucocytes	Negative		Negative
Nitrite	Negative		Negative
<b>Microscopic Examination (by Microscopy after Centrifugation at 2000 rpm for 10 min or on fully automated Sysmex urine sedimentation analyzer UF4000)</b>			
Red Blood Cells	0 - 1	/hpf	0 - 2
Leucocytes	1 - 5	/hpf	0 - 5
Epithelial Cells	1 - 5	/hpf	0 - 5
Casts	Nil	/lpf	Nil
Crystals	Nil	/hpf	Nil
Mucus	Absent	/hpf	Absent
Organism	Absent		

--- End of Report ---

Dr. Ameer Soni  
MD (Path)

EW



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**DEPARTMENT OF DIAGNOSTIC RADIOLOGY**

Patient No. : 23216715      Report Date : 14/10/2023  
Request No. : 190085137      14/10/2023 8.12 AM  
Patient Name : Mr. KUMAR AMIT  
Gender / Age : Male / 34 Years 2 Months 13 Days

**ADVANCED DIGITAL SOLUTIONS**

- Computer Radiography
- Ultra Sensitive Colour Doppler
- Ultra High Resolution Sonography
- Multi-Detector CT Scan
- Mammography
- Interventional Radiology
- Digital Subtraction Angiography
- Foetal Echocardiography
- Echocardiography

**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





**DEPARTMENT OF DIAGNOSTIC RADIOLOGY**

**ADVANCED DIGITAL SOLUTIONS**

- Computer Radiography
- Ultra Sensitive Colour Doppler
- Ultra High Resolution Sonography
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- Interventional Radiology
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- Foetal Echocardiography
- Echocardiography

Patient No. : 23216715      Report Date : 14/10/2023  
Request No. : 190085157      14/10/2023 8.12 AM  
Patient Name : Mr. KUMAR AMIT  
Gender / Age : Male / 34 Years 2 Months 13 Days

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

**Liver is normal in size and increased in echo pattern.** No mass lesion identified. The hepatic veins are clear and patent. PV patent. No dilated IHBR.

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 size and echo pattern.

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:**

• **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



H-2015-0297

MC-3004

E-2021-0037

ECW

Patient No. : 23216715      Report Date : 14/10/2023  
Request No. : 190085218      14/10/2023 8.12 AM  
Patient Name : **Mr. KUMAR AMIT**  
Gender / Age : Male / 34 Years 2 Months 13 Days

**Echo Color Doppler**

MITRAL VALVE : NORMAL, NO MR, NO MS  
AORTIC VALVE : TRILEAFLET, NO AR, NO AS  
TRICUSPID VALVE : NORMAL, NO TR, NO PAH  
PULMONARY VALVE : NORMAL  
LEFT ATRIUM : NORMAL  
AORTA : NORMAL  
LEFT VENTRICLE : NORMAL LV SIZE AND SYSTOLIC FUNCTION LVEF -- 60%, NO  
RESTING REGIONAL WALL MOTION ABNORMALITY  
RIGHT ATRIUM : NORMAL  
RIGHT VENTRICLE : NORMAL  
I.V.S. : INTACT  
I.A.S. : INTACT  
PULMONARY ARTERY : NORMAL  
PERICARDIUM : NORMAL  
COLOUR/DOPPLER FLOW MAPPING : NO MR, NO AR // TR, NO PAH

**FINAL CONCLUSION:**

1. CONCENTRIC LVH
2. NORMAL LV SYSTOLIC FUNCTION, LVEF -- 60%
3. NO RESTING REGIONAL WALL MOTION ABNORMALITY
4. NORMAL ALL CARDIAC VALVES, NO MITRAL // AORTIC STENOSIS
5. NORMAL DIASTOLIC FUNCTION
6. NORMAL RIGHT HEART SIZE AND RV PRESSURES
7. NO PERICARDIAL EFFUSION, CLOT OR VEGETATION SEEN, SR+.

  
Dr. K. L. KANERIA, D.M., CARD.

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 BHAILAL AMIN MARG  
 VADODARA-3, PH-(0265) 3956222

Station  
 Telephone: 0265-3956222,3956024

## EXERCISE STRESS TEST REPORT

Patient Name: KUMAR AMIT  
 Patient ID: 01623  
 Height:  
 Weight:

DOB: 02.08.1989  
 Age: 34yrs  
 Gender: Male  
 Race: Indian

Study Date: 14.10.2023  
 Test Type: Treadmill Stress Test  
 Protocol: BRUCE

Referring Physician: ECU  
 Attending Physician: DR. KILLOL KANERIA  
 Technician: PRATAP RATHVA

Medications:

Medical History:

Reason for Exercise Test:  
 Screening for CAD

### Exercise Test Summary

Phase Name	Stage Name	Time in Stage	Speed (mph)	Grade (%)	HR (bpm)	BP (mmHg)	Comment
PRETEST	SUPINE	00:04	0.00	0.00	81		
	HYPERV	00:02	0.00	0.00	85		
	WARM UP	00:15	1.00	0.00	81	30/80	
EXERCISE	STAGE 1	01:01	1.70	10.00	111	30/80	
	STAGE 2	02:01	2.50	12.00	133	30/80	
	STAGE 3	02:43	3.40	14.00	157	30/80	
RECOVERY		02:05	0.00	0.00	113	80/80	

The patient exercised according to the BRUCE for 5:42 mins, achieving a work level of Max. METS: 10.10. The resting heart rate of 81 bpm rose to a maximal heart rate of 160 bpm. This value represents 86 % of the maximal, age-predicted heart rate. The resting blood pressure of 130/80 mmHg, rose to a maximum blood pressure of 180/80 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

Good effort tolerance, Normal HR and BP response. No ANGINA // ARRYTHMIAS noted during test. No significant ST-T changes noted during peak Exercise and Recovery Stress test NEGATIVE for inducible myocardial Ischemia.

CONFIRMED BY: DR. KILLOL KANERIA

Name: Mr. Kumar Amit -  
Patient ID: ECU/23216715

14.10.2023 13:17:21  
Standard 12-Lead

BHARATI AMIN GENERAL HOSPITAL

Age: 034Y  
Gender: Male

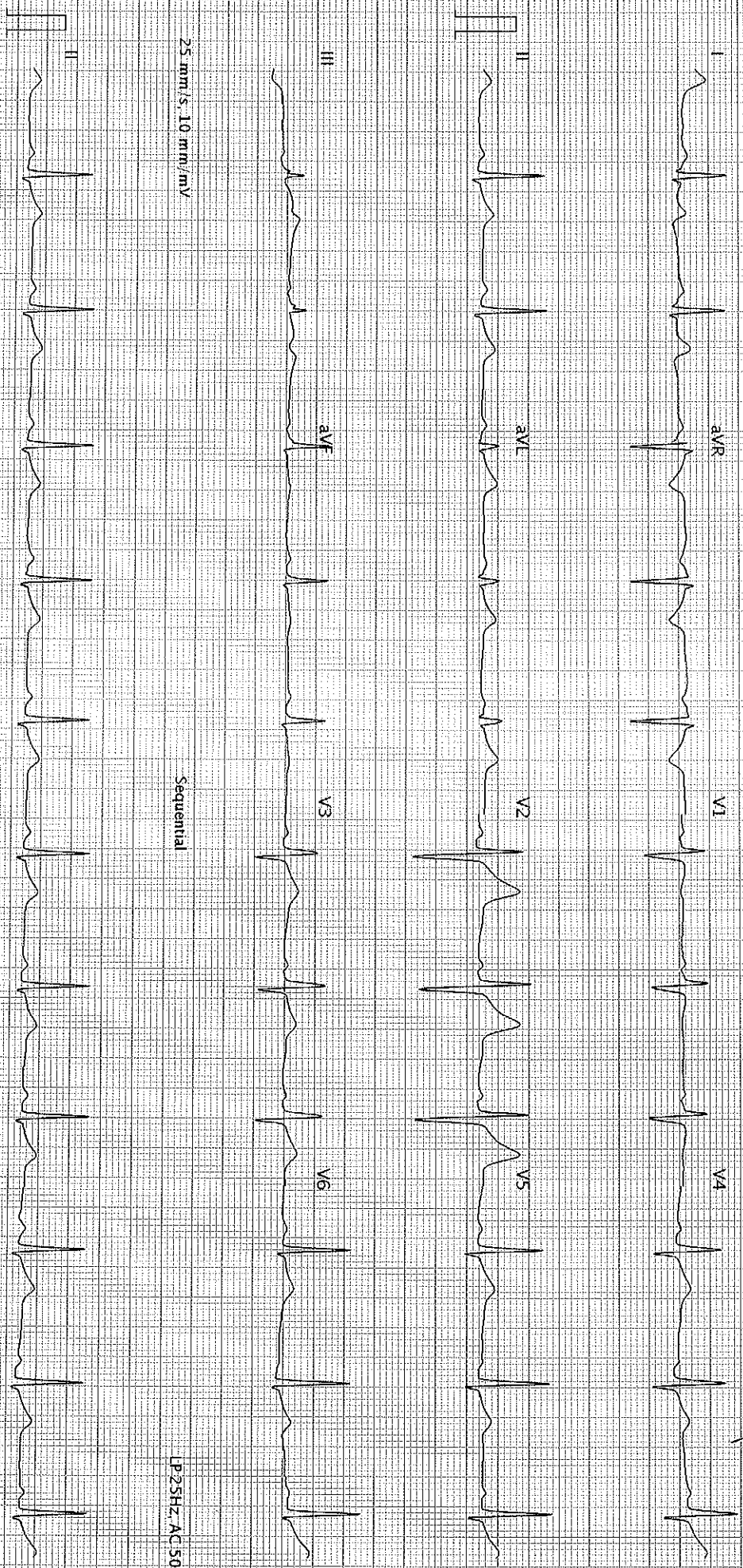
Ref. phys:

Pacemaker: Unknown

HR: 67 bpm  
RR: 89.8 ms  
P: 101 ms  
PR: 142 ms  
P axis: 33°  
QRS axis: 54°  
T axis: 16°  
QR: 91 ms  
QT: 398 ms  
QTcB: 420 ms

Unconfirmed report

Remark:



25 mm/s, 10 mm/mV

Sequential

LP 25HZ, AC 50HZ

25 mm/s, 10 mm/mV

LP 25HZ, AC 50HZ

AT-102 GZ T.Z.0 (1080 011030)

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