

CONCLUSION OF HEALTH CHECKUP

ECU Number : 2262

Age : 35

Weight : 66

Date : 11/03/2023

MR Number : 23201964

Sex : Male

Ideal Weight : 73

Patient Name : NIKHIL VERMA

Height : 178

BMI : 20.83

Dr. Manish Mittal

Internal Medicine

Note : General Physical Examination & routine Investigations included in the Health Checkup have certain limitations and may not be able to detect all the latent and asymptomatic diseases.



Patient Name : Mr. NIKHIL VERMA
 Gender / Age : Male / 35 Years 7 Months 4 Days
 MR No / Bill No. : 23201964 / 231071456
 Consultant : Dr. Manish Mittal
 Location : OPD

Type : OPD
 Request No. : 112269
 Request Date : 11/03/2023 08:52 AM
 Collection Date : 11/03/2023 09:03 AM
 Approval Date : 11/03/2023 01:10 PM

CBC + ESR

Test	Result	Units	Biological Ref. Range
Haemoglobin.			
Haemoglobin	14.5	gm/dL	13 - 17
Red Blood Cell Count (T-RBC)	4.84	mill/cmm	4.5 - 5.5
Hematocrit (HCT)	42.3	%	40 - 50
Mean Corpuscular Volume (MCV)	87.4	fl	83 - 101
Mean Corpuscular Haemoglobin (MCH)	30.0	pg	27 - 32
MCH Concentration (MCHC)	34.3	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	12.3	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	40.3	fl	39 - 46
Total Leucocyte Count (TLC)			
Total Leucocyte Count (TLC)	7.17	thou/cmm	4 - 10
Differential Leucocyte Count			
Polymorphs	63	%	40 - 80
Lymphocytes	30	%	20 - 40
Eosinophils	2	%	1 - 6
Monocytes	5	%	2 - 10
Basophils	0	%	0 - 2
Polymorphs (Abs. Value)	4.50	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	2.12	thou/cmm	1 - 3
Eosinophils (Abs. Value)	0.20	thou/cmm	0.2 - 0.5
Monocytes (Abs. Value)	0.30	thou/cmm	0.2 - 1
Basophils (Abs. Value)	0.05	thou/cmm	0.02 - 0.1
Immature Granulocytes	0.3	%	1 - 3 : Borderline > 3 : Significant
Platelet Count			
Platelet Count	160	thou/cmm	150 - 410
Smear evaluation	Adequate		
Remarks	few large platelets seen .		
ESR	9	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. Repeat / retest may be suggested.

365 Days / 24 Hours Laboratory Services

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



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DEPARTMENT OF LABORATORY MEDICINE

Patient Name	: Mr. NIKHIL VERMA	Type	: OPD
Gender / Age	: Male / 35 Years 7 Months 4 Days	Request No.	: 112269
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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 Westergrens method and in accordance to ICSH reference method.

--- End of Report ---

Dr. Rakesh Vaidya
MD (Path). DCP.

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Haematology

Test	Result	Units	Biological Ref. Range
Blood Group			
ABO system	B		
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 ---

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DEPARTMENT OF LABORATORY MEDICINE

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Fasting Plasma Glucose

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>Biological Ref. Range</u>
<i>Fasting Plasma Glucose</i>			
Fasting Plasma Glucose	267	mg/dL	70 - 110
Post Prandial 2 Hr. Plasma Glucose	320	mg/dL	70 - 140

By Hexokinase method on RXL Dade Dimension

---- End of Report ----

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HbA1c (Glycosylated Hb)

Test	Result	Units	Biological Ref. Range
HbA1c (Glycosylated Hb)			
Glycosylated Hemoglobin (HbA1c)	11.1	%	
estimated Average Glucose (e AG) *	271.87	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 (By Lipase / Glycerol dehydrogenase on RXL Dade Dimension < 150 Normal 150-199 Borderline High 200-499 High > 499 Very High)	254	mg/dL	1 - 150
Total Cholesterol (By enzymatic colorimetric method on RXL Dade Dimension <200 mg/dL - Desirable 200-239 mg/dL - Borderline High > 239 mg/dL - High)	170	mg/dL	1 - 200
HDL Cholesterol (By Direct homogenous technique, modified enzymatic non-immunological method on RXL Dade Dimension < 40 Low > 60 High)	42	mg/dL	40 - 60
Non HDL Cholesterol (calculated) (Non- HDL Cholesterol < 130 Desirable 139-159 Borderline High 160-189 High > 191 Very High)	128	mg/dL	1 - 130
LDL Cholesterol (By Direct homogenous technique, modified enzymatic non-immunological method on RXL Dade Dimension < 100 Optimal 100-129 Near / above optimal 130-159 Borderline High 160-189 High > 189 Very High)	95	mg/dL	1 - 100
VLDL Cholesterol (calculated)	50.8	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	2.26		2.1 - 3.5
T. Ch./HDL Ch. Ratio (Recent NECP / ATP III Guidelines / Classification (mg/dl) :)	4.05		3.5 - 5

---- End of Report ----

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Liver Function Test (LFT)

Test	Result	Units	Biological Ref. Range
Bilirubin			
Bilirubin - Total	0.26	mg/dL	0 - 1
Bilirubin - Direct	0.06	mg/dL	0 - 0.3
Bilirubin - Indirect	0.2	mg/dL	0 - 0.7
<i>(By Diazotized sulfanilic acid on RXL Dade Dimension.)</i>			
Aspartate Aminotransferase (SGOT/AST)	18	U/L	15 - 40
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alanine Aminotransferase (SGPT/ALT)	47	U/L	16 - 63
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alkaline Phosphatase	146	U/L	53 - 128
<i>(BY PNPP AMP method on RXL Dade Dimension.)</i>			
Gamma Glutamyl Transferase (GGT)	26	U/L	15 - 85
<i>(By IFCC method on RXL Dade Dimension.)</i>			
Total Protein			
Total Proteins	7.93	gm/dL	6.4 - 8.2
Albumin	3.91	gm/dL	3.4 - 5
Globulin	4.02	gm/dL	3 - 3.2
A : G Ratio	0.97		1.1 - 1.6
<i>(By Biuret endpoint and Bromocresol purple method on RXL Dade Dimension.)</i>			

---- End of Report ----

Dr. Rakesh Vaidya
MD (Path), DCP.

Follow us:  

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 Approval Date : 11/03/2023 12:29 PM

Renal Function Test (RFT)

Test	Result	Units	Biological Ref. Range
Urea <i>(By Urease Kinetic method on RXL Dade Dimension)</i>	21	mg/dL	10 - 45
Creatinine <i>(By Modified Kinetic Jaffe Technique)</i>	0.77	mg/dL	0.9 - 1.3
Estimate Glomerular Filtration rate <i>(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)</i>	More than 60		
Uric acid <i>(By Uricase / Catalase method on RXL Siemens)</i>	4.2	mg/dL	3.4 - 7.2

--- End of Report ---

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Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
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Triiodothyronine (T3)	1.35	ng/ml	
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(Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.)

Reference interval (ng/ml)

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

(Reference : Tietz - Clinical guide to laboratory test, 4th edition))

Thyroxine (T4)	8.45	mcg/dL	
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(Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.)

Reference interval (mcg/dL)

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

(Reference : Tietz - Clinical guide to laboratory test, 4th edition))

Thyroid Stimulating Hormone (US-TSH)	2.27	microIU/ml	
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(Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.)

Reference interval (microIU/ml)

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

Pregnancy :

1st trimester	: 0.3 - 4.5
2nd trimester	: 0.5 - 4.6
3rd trimester	: 0.8 - 5.2

(Reference : Tietz - Clinical guide to laboratory test, 4th edition))

— End of Report —

Dr. Rakesh Vaidya
MD (Path). DCP.



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Urine routine analysis (Auto)

Test	Result	Units	Biological Ref. Range
Physical Examination			
Quantity	20	mL	
Colour	Pale Yellow		
Appearance	Clear		
Chemical Examination (By Reagent strip method)			
pH	6.5		
Specific Gravity	<=1.005		
Protein	Negative	gm/dL	0 - 5
Glucose	2+ R/C	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
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		

--- End of Report ---

Dr. Rakesh Vaidya
MD (Path). DCP.



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DEPARTMENT OF DIAGNOSTIC RADIOLOGY

Patient No. : 23201964 Report Date : 11/03/2023
Request No. : 190056410 11/03/2023 8.52 AM
Patient Name : Mr. NIKHIL VERMA
Gender / Age : Male / 35 Years 7 Months 4 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
- Multi-Detector CT Scan
- Mammography
- Interventional Radiology
- Digital Subtraction Angiography
- Foetal Echocardiography
- Echocardiography

Patient No. : 23201964 Report Date : 11/03/2023
Request No. : 190056399 11/03/2023 8.52 AM
Patient Name : Mr. NIKHIL VERMA
Gender / Age : Male / 35 Years 7 Months 4 Days

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

Liver is normal in size and increased in 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 on either side.

	RIGHT	LEFT
Renal length :	100 mm.	100 mm.
A.P. :	51 mm.	57 mm.


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



Patient No. : 23201964 Report Date : 11/03/2023
Request No. : 190056470 11/03/2023 8.52 AM
Patient Name : Mr. NIKHIL VERMA
Gender / Age : Male / 35 Years 7 Months 4 Days

Echo Color Doppler

MITRAL VALVE : NORMAL
AORTIC VALVE : TRILEAFLET, NORMAL
TRICUSPID VALVE : NORMAL, NO TR,
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 : NO LV diastolic dysfunction,
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 LV DIASTOLIC DYSFUNCTION
6. NO AR, MR, TR, NO PULMONARY HYPERTENSION , (IVC COLLAPSING)
7. NO PERICARDIAL EFFUSION, CLOT VEGETATION.

 Dr. KILLOL KANERIA MD, DM
Consultant Cardiologist

Name: Nikhil Verma
Patient ID: 23201964

11.03.2023 11:39:43
Standard 12-lead

Date of birth: 08-08-1987
Gender: Male
Height: [blank]
Weight: [blank]
Ethnicity: Undefined
Pacemaker: Unknown

Visit ID: [blank]
Room: [blank]
Medication: [blank]
Order ID: [blank]
Ord. prov: [blank]
Ord. proc: [blank]

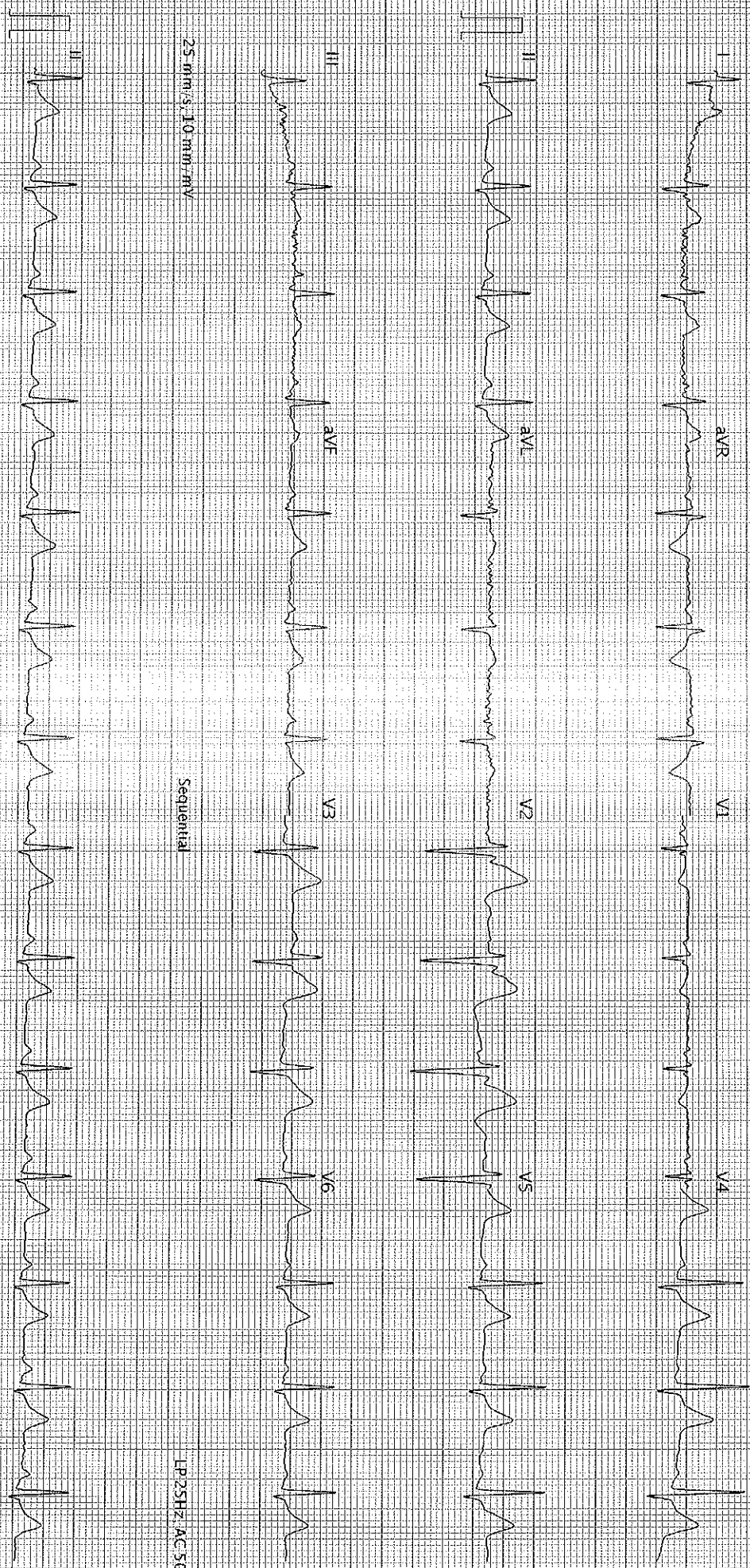
HR: 82 bpm
RR: 732 ms
P axis: 67°
QRS axis: 88°
T axis: 45°

PR: 115 ms
QT: 91 ms
QTcB: 40.4 ms
Sinus rhythm
Normal electrical axis
Normal ECG
Unconfirmed report

Indication: [blank]
Remark: [blank]

Normal

Handwritten signature



25 mm/s, 10 mm/mV

Sequential

LP 25HZ, AC 50HZ

25 mm/s, 10 mm/mV

LP 25HZ, AC 50HZ

AT 102 G2 12 0 (1080-01030)

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