



**BHAILAL AMIN
GENERAL HOSPITAL**



CONCLUSION OF HEALTH CHECKUP

ECU Number	: 3217	MR Number	: 21006419	Patient Name	: HEIKRUJAM AMARJIT SINGH
Age	: 42	Sex	: Male	Height	: 166
Weight	: 73	Ideal Weight	: 63	BMI	: 26.49
Date	: 13/05/2023				

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.

ECU Number : 3217 MR Number : 21006419 Patient Name: HEIKRUJAM AMARJIT SINGH
Age : 42 Sex : Male Height : 166
Weight : 73 Ideal Weight : 63 BMI : 26.49
Date : 13/05/2023

Past H/O : H/O:- APPENDECTOMY :- 2020

Present H/O : NO MEDICAL COMPLAIN AT PRESENT

Family H/O : MOTHER:- ASTHMATIC

Habits : NO HABITS

Gen.Exam. : G.C.GOOD

B.P : 110/70 mm HG

Pulse : 83/MIN REG

Others : SPO2-98%

C.V.S : NAD

R.S. : NAD

Abdomen : NP

Spleen : NP

Skin : NAD

C.N.S : NAD

Advice :

ECU Number : 3217 MR Number : 21006419 Patient Name : HEIKRUJAM AMARJIT SINGH
Age : 42 Sex : Male Height : 166
Weight : 73 Ideal Weight : 63 BMI : 26.49
Date : 13/05/2023

Ophthalmic Check Up :	Right	Left
Ext Exam		NIL
Vision Without Glasses	NA	NA
Vision With Glasses	6/6 N.5	6/6 N.5
Final Correction	NA	NA
Fundus	NORMAL	
Colour Vision	NORMAL	
Advice	NIL	

Orthopedic Check Up :

Ortho Consultation

Ortho Advice

ENT Check Up :

Ear

Nose

Throat

Hearing Test

ENT Advice

General Surgery Check Up :

General Surgery

Abdominal Lump

Hernia

External Genitals

PVR

Proctoscopy

Any Other

Surgical Advice



Patient Name : Mr. HEIKRUJAM AMARJIT SINGH
 Gender / Age : Male / 42 Years 3 Months 13 Days
 MR No / Bill No. : 21006419 / 241009856
 Consultant : Dr. Manish Mittal
 Location : OPD

Type : OPD
 Request No. : 128229
 Request Date : 13/05/2023 08:06 AM
 Collection Date : 13/05/2023 08:11 AM
 Approval Date : 13/05/2023 11:43 AM

CBC + ESR

Test	Result	Units	Biological Ref. Range
Haemoglobin.			
Haemoglobin	14.3	gm/dL	13 - 17
Red Blood Cell Count (T-RBC)	4.70	mill/cmm	4.5 - 5.5
Hematocrit (HCT)	40.3	%	40 - 50
Mean Corpuscular Volume (MCV)	85.7	fl	83 - 101
Mean Corpuscular Haemoglobin (MCH)	30.4	pg	27 - 32
MCH Concentration (MCHC)	35.5	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	12.9	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	40.5	fl	39 - 46
Total Leucocyte Count (TLC)			
Total Leucocyte Count (TLC)	7.98	thou/cmm	4 - 10
Differential Leucocyte Count			
Polymorphs	55	%	40 - 80
Lymphocytes	38	%	20 - 40
Eosinophils	2	%	1 - 6
Monocytes	5	%	2 - 10
Basophils	0	%	0 - 2
Polymorphs (Abs. Value)	4.37	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	3.02	thou/cmm	1 - 3
Eosinophils (Abs. Value)	0.21	thou/cmm	0.2 - 0.5
Monocytes (Abs. Value)	0.34	thou/cmm	0.2 - 1
Basophils (Abs. Value)	0.04	thou/cmm	0.02 - 0.1
Immature Granulocytes	0.1	%	1 - 3 : Borderline > 3 : Significant
Platelet Count			
Platelet Count	244	thou/cmm	150 - 410
Smear evaluation	Adequate		
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

📍 Bhailal Amin Marg, Gorwa, Vadodara, Gujarat 390003.

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DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr. HEIKRUJAM AMARJIT SINGH
Gender / Age : Male / 42 Years 3 Months 13 Days
MR No / Bill No. : 21006419 / 241009856
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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. Rakesh Vaidya
Approved By Dr. Ameer Soni

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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 Autocontro
- This method check`s group both on Red blood cells and in Serum for "ABO" group.

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Fasting Plasma Glucose

Test	Result	Units	Biological Ref. Range
<i>Fasting Plasma Glucose</i>			
Fasting Plasma Glucose	87	mg/dL	70 - 110
Post Prandial 2 Hr. Plasma Glucose	92	mg/dL	70 - 140

Hexokinase method on RXL Dade Dimesion

---- End of Report ----

Dr. Rakesh Vaidya
Approved By Dr. Amee Soni

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HbA1c (Glycosylated Hb)

Test	Result	Units	Biological Ref. Range
HbA1c (Glycosylated Hb)			
Glycosylated Hemoglobin (HbA1c)	5.2	%	
estimated Average Glucose (e AG) *	102.54	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)

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Complete Lipid Profile

Test	Result	Units	Biological Ref. Range
Complete Lipid Profile			
Appearance	Clear		
Triglycerides	180	mg/dL	1 - 150
<i>(By Lipase / Glycerol dehydrogenase on RXL Dade Dimension</i>			
<i>< 150 Normal</i>			
<i>150-199 Borderline High</i>			
<i>200-499 High</i>			
<i>> 499 Very High)</i>			
Total Cholesterol	242	mg/dL	1 - 200
<i>(By enzymatic colorimetric method on RXL Dade Dimension</i>			
<i><200 mg/dL - Desirable</i>			
<i>200-239 mg/dL - Borderline High</i>			
<i>> 239 mg/dL - High)</i>			
HDL Cholesterol	44	mg/dL	40 - 60
<i>(By Direct homogenous technique, modified enzymatic non-immunological method on RXL Dade Dimension</i>			
<i>< 40 Low</i>			
<i>> 60 High)</i>			
Non HDL Cholesterol (calculated)	198	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	148	mg/dL	1 - 100
<i>(By Direct homogenous technique, modified enzymatic non-immunological method on RXL Dade Dimension</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)	36	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	3.36		2.1 - 3.5
T. Ch./HDL Ch. Ratio	5.5		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	0.57	mg/dL	0 - 1
Bilirubin - Direct	0.14	mg/dL	0 - 0.3
Bilirubin - Indirect	0.43	mg/dL	0 - 0.7
<i>(By Diazotized sulfanilic acid on RXL Dade Dimension.)</i>			
Aspartate Aminotransferase (SGOT/AST)	24	U/L	15 - 40
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alanine Aminotransferase (SGPT/ALT)	49	U/L	16 - 63
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alkaline Phosphatase	94	U/L	53 - 128
<i>(BY PNPP AMP method on RXL Dade Dimension.)</i>			
Gamma Glutamyl Transferase (GGT)	58	U/L	15 - 85
<i>(By IFCC method on RXL Dade Dimension.)</i>			
Total Protein			
Total Proteins	8.33	gm/dL	6.4 - 8.2
Albumin	4.04	gm/dL	3.4 - 5
Globulin	4.29	gm/dL	3 - 3.2
A : G Ratio	0.94		1.1 - 1.6
<i>(By Biuret endpoint and Bromocresol purple method on RXL Dade Dimesion.)</i>			

---- End of Report ----

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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)	1.03	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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Prostate Sp. (Antigen)

Test	Result	Units	Biological Ref. Range
Total PSA	1.06	ng/ml	0 - 4

(Method : Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.

Remark :

Age related reference range for interpretation :

< 40 yrs : 0.21 - 1.72

40 - 49 yrs : 0.27 - 2.19

50 - 59 yrs : 0.27 - 3.42

60 - 69 yrs : 0.27 - 6.16

>69 yrs : 0.21 - 6.77

TPSA may be raised usually mildly in benign prostatic conditions like hyperplasia. Typically 30 % of BPH may show values between 4-10 and 7 % between 10-40.

In Prostatic Malignancy 43 % show values below 4

21 % between 4 to 10

20 % between 10 to 40 &

16 % above 40)

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

Dr. Rakesh Vaidya
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Patient Name : Mr. HEIKRUJAM AMARJIT SINGH
 Gender / Age : Male / 42 Years 3 Months 13 Days
 MR No / Bill No. : 21006419 / 241009856
 Consultant : Dr. Manish Mittal
 Location : OPD

Type : OPD
 Request No. : 128229
 Request Date : 13/05/2023 08:06 AM
 Collection Date : 13/05/2023 08:11 AM
 Approval Date : 13/05/2023 01:41 PM

Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
Triiodothyronine (T3)	1.17	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)	10.60	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)	5.74	microIU/ml	
<i>(Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.)</i>			
<i>Reference interval (microIU/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>			

--- End of Report ---

Dr. Rakesh Vaidya
 Approved By Dr. Ameer Soni



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 Gender / Age : Male / 42 Years 3 Months 13 Days
 MR No / Bill No. : 21006419 / 241009856
 Consultant : Dr. Manish Mittal
 Location : OPD

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 Approval Date : 13/05/2023 10:39 AM

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	5.5		
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
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
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DEPARTMENT OF DIAGNOSTIC RADIOLOGY

Patient No. : 21006419 Report Date : 13/05/2023
Request No. : 190064063 13/05/2023 8.06 AM
Patient Name : **Mr. HEIKRUJAM AMARJIT SINGH**
Gender / Age : Male / 42 Years 3 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

Patient No. : 21006419 Report Date : 13/05/2023
Request No. : 190064117 13/05/2023 8.06 AM
Patient Name : Mr. HEIKRUJAM AMARJIT SINGH
Gender / Age : Male / 42 Years 3 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

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

Liver is normal in size and echopattern. 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 echopattern.

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

Prostate appears normal in size and volume is ~ 18 cc. Prostate measures 28mm x 36mm x 33mm.

Urinary bladder is well distended and appears normal.

No ascites.

COMMENT:

No obvious abnormality seen.

Kindly correlate clinically

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

Hasani

Dr.Pruna C Hasani, MD
Consultant Radiologist



Patient No. : 21006419 Report Date : 13/05/2023
Request No. : 190064072 13/05/2023 8.06 AM
Patient Name : **Mr. HEIKRUJAM AMARJIT SINGH**
Gender / Age : Male / 42 Years 3 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 : 3.2CM, NORMAL
AORTA : 2.4CM, NORMAL
LEFT VENTRICLE : NORMAL LV SIZE AND SYSTOLIC FUNCTION LVEF -- 65%, 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 // AR // TR, NO PAH

FINAL CONCLUSION:

1. NORMAL SIZED ALL CARDIAC CHAMBERS, NO LVH
2. NORMAL LV SYSTOLIC FUNCTION, LVEF -- 65%
3. NO RESTING REGIONAL WALL MOTION ABNORMALITY
4. NORMAL ALL CARDIAC VALVES STRUCTURALLY AND FUNCTIONALLY
5. NORMAL RIGHT HEART SIZE AND RV PRESSURES
6. NO PERICARDIAL EFFUSION, CLOT OR VEGETATION SEEN, SR+.


Dr. KILLOL KANERIA, MD, DM, CARD.

Name: Heikrujan a singh -
Patient ID: 21006419

13.05.2023 08:25:28
Standard 12-lead

Date of birth: Male
Gender: Male
Height: Undefined
Weight: Undefined
Ethnicity: Unknown
Pacemaker: Unknown

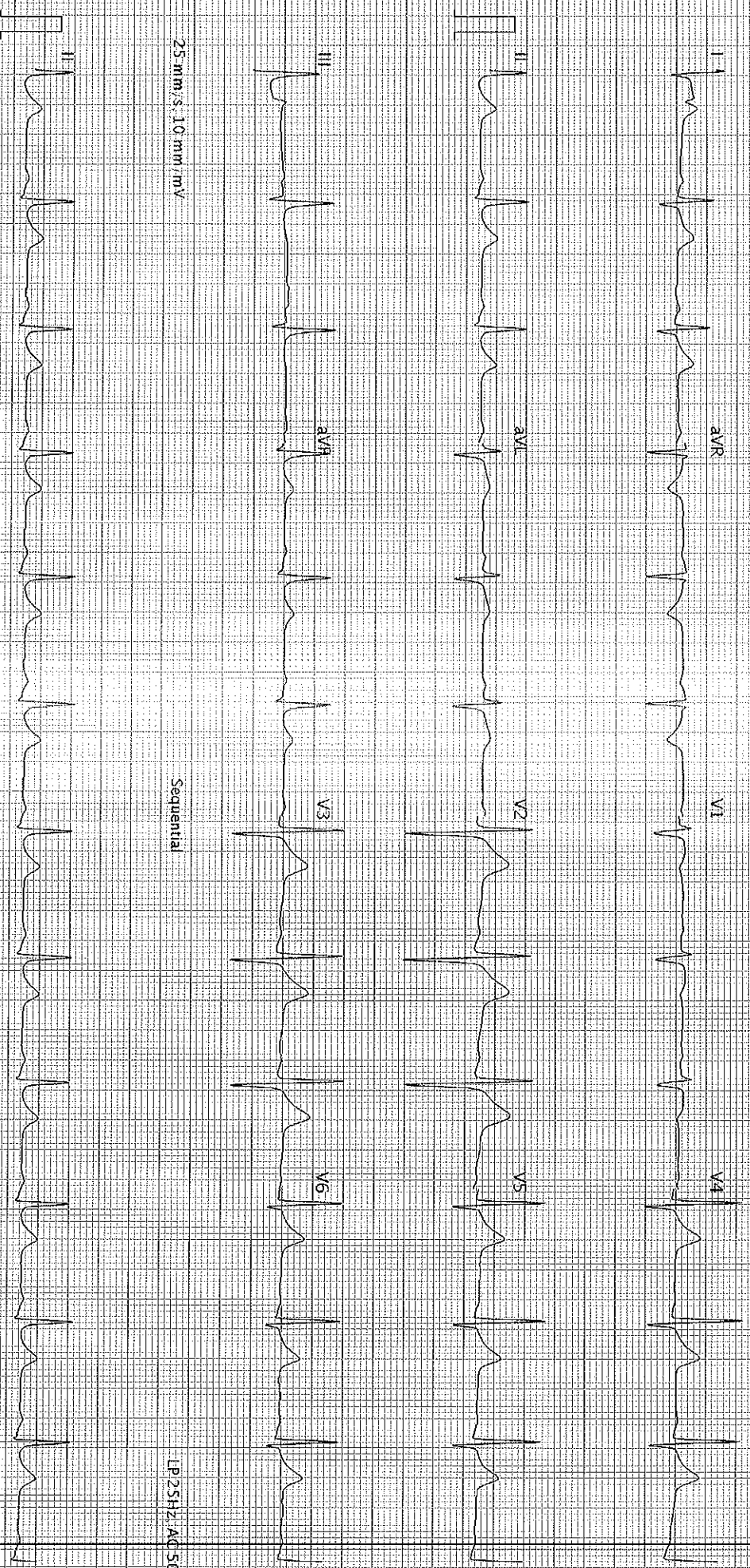
Visit ID: Room: Medication:
Order ID: Ord. prov.: Ord. prot.:
HR: 72 bpm
RR: 833 ms
P axis: 35°
QRS axis: 62°
T axis: 32°

RR: 99 ms
PR: 160 ms
QRS: 88 ms
QTc: 370 ms
QTcb: 405 ms

Indication:
Remark:

Normal

Normal



25 mm/s, 10 mm/mV

Sequential

LP 25Hz, AO 50Hz

25 mm/s, 10 mm/mV

LP 25Hz, AO 50Hz

AT 102 G2 1.2.0 (1080:011030)

Printed on 13.05.2023 08:25:41

SCHILLER

Part No. Z.157048M

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