



BHAILAL AMIN
GENERAL HOSPITAL



CONCLUSION OF HEALTH CHECKUP

ECU Number	: 2785	MR Number	: 23204523	Patient Name	: MOHINI VATSA
Age	: 31	Sex	: Female	Height	: 160
Weight	: 74	Ideal Weight	: 59	BMI	: 28.91
Date	: 08/04/2023				

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 : 2785 MR Number : 23204523 Patient Name : MOHINI VATSA
Age : 31 Sex : Female Height : 160
Weight : 74 Ideal Weight : 59 BMI : 28.91
Date : 08/04/2023

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

Present H/O : NO MEDICAL COMPLAINTS AT PRESENT.

Family H/O : FATHER : HYPERTENSION.

Habits : NO HABITS.

Gen.Exam. : G.C. GOOD

B.P : 100/70 mm Hg

Pulse : 58/MIN REG.

Others : SPO2 : 98 %

C.V.S : NAD

R.S. : NAD

Abdomen : NP

Spleen : NP

Skin : NAD

C.N.S : NAD

Advice :



Patient Name : Mrs. MOHINI VATSA
 Gender / Age : Female / 31 Years 1 Months 29 Days
 MR No / Bill No. : 23204523 / 241002276
 Consultant : Dr. Manish Mittal
 Location : OPD

Type : OPD
 Request No. : 120540
 Request Date : 08/04/2023 09:25 AM
 Collection Date : 08/04/2023 10:16 AM
 Approval Date : 08/04/2023 03:46 PM

CBC + ESR

Test	Result	Units	Biological Ref. Range
Haemoglobin.			
Haemoglobin	11.4	gm/dL	12 - 15
Red Blood Cell Count (T-RBC)	4.03	mill/cmm	3.8 - 4.8
Hematocrit (HCT)	35.3	%	36 - 46
Mean Corpuscular Volume (MCV)	87.6	fl	83 - 101
Mean Corpuscular Haemoglobin (MCH)	28.3	pg	27 - 32
MCH Concentration (MCHC)	32.3	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	15.4	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	50.1	fl	39 - 46
Total Leucocyte Count (TLC)			
Total Leucocyte Count (TLC)	8.06	thou/cmm	4 - 10
Differential Leucocyte Count			
Polymorphs	72	%	40 - 80
Lymphocytes	21	%	20 - 40
Eosinophils	3	%	1 - 6
Monocytes	4	%	2 - 10
Basophils	0	%	0 - 2
Polymorphs (Abs. Value)	5.79	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	1.70	thou/cmm	1 - 3
Eosinophils (Abs. Value)	0.24	thou/cmm	0.2 - 0.5
Monocytes (Abs. Value)	0.30	thou/cmm	0.2 - 1
Basophils (Abs. Value)	0.03	thou/cmm	0.02 - 0.1
Immature Granulocytes	0.1	%	1 - 3 : Borderline > 3 : Significant
Platelet Count			
Platelet Count	157	thou/cmm	150 - 410
Smear evaluation	Adequate		
Remarks	few large platelets seen.		
ESR	15	mm/1 hr	0 - 12

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

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(Mon To Sat 8:00 am to 5:00 pm)



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DEPARTMENT OF LABORATORY MEDICINE

Patient Name	: Mrs. MOHINI VATSA	Type	: OPD
Gender / Age	: Female / 31 Years 1 Months 29 Days	Request No.	: 120540
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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. Sejal Odedra
M.D.Pathology

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Haematology

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>Biological Ref. Range</u>
Blood Group			
ABO system	O		
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.

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Fasting Plasma Glucose

Test	Result	Units	Biological Ref. Range
<i>Fasting Plasma Glucose</i>			
Fasting Plasma Glucose	79	mg/dL	70 - 110
Post Prandial 2 Hr. Plasma Glucose	111	mg/dL	70 - 140

By Hexokinase method on RXL Dade Dimesion

--- End of Report ---

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ECU Number : 2785

Age : 31

Weight : 74

Date : 08/04/2023

MR Number : 23204523

Sex : Female

Ideal Weight : 59

Patient Name: MOHINI VATSA

Height : 160

BMI : 28.91

Gynaec Check Up :

OBSTETRIC HISTORY

MENSTRUAL HISTORY

PRESENT MENSTRUAL CYCLE

PAST MENSTRUAL CYCLE

CHIEF COMPLAINTS

PA

PS

PV

BREAST EXAMINATION RIGHT

BREAST EXAMINATION LEFT

PAPSMEAR

BMD

MAMMOGRAPHY

ADVICE



Patient Name : Mrs. MOHINI VATSA Type : OPD
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HbA1c (Glycosylated Hb)

Test	Result	Units	Biological Ref. Range
HbA1c (Glycosylated Hb)			
Glycosylated Heamoglobin (HbA1c)	5.0	%	
estimated Average Glucose (e AG) *	96.8	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 (By Lipase / Glycerol dehydrogenase on RXL Dade Dimension < 150 Normal 150-199 Borderline High 200-499 High > 499 Very High)	83	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)	144	mg/dL	1 - 200
HDL Cholesterol (By Direct homogenous technique, modified enzymatic non-immunological method on RXL Dade Dimension < 40 Low > 60 High)	33	mg/dL	40 - 60
Non HDL Cholesterol (calculated) (Non- HDL Cholesterol < 130 Desirable 139-159 Borderline High 160-189 High > 191 Very High)	111	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)	94	mg/dL	1 - 100
VLDL Cholesterol (calculated)	16.6	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	2.85		2.1 - 3.5
T. Ch./HDL Ch. Ratio (Recent NECP / ATP III Guidelines / Classification (mg/dl) :)	4.36		3.5 - 5

--- 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)	16	mg/dL	10 - 45
Creatinine (By Modified Kinetic Jaffe Technique)	0.57	mg/dL	0.6 - 1.1
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)	3.9	mg/dL	2.2 - 5.8

--- End of Report ---

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Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
Triiodothyronine (T3)	1.29	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)	6.44	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)	1.96	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>			

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Dr. Sejal Odedra
M.D.Pathology



Patient Name : Mrs. MOHINI VATSA Type : OPD
 Gender / Age : Female / 31 Years 1 Months 29 Days Request No. : 120540
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Urine routine analysis (Auto)

Test	Result	Units	Biological Ref. Range
Physical Examination			
Quantity	30	mL	
Colour	Yellow		
Appearance	Clear		
Chemical Examination (By Reagent strip method)			
pH	6.0		
Specific Gravity	1.025		
Protein	2+ R/C	gm/dL	0 - 5
Glucose	Negative	mg/dL	0 - 5
Ketones	Negative		0 - 5
Bilirubin	Negative		Negative
Urobilinogen	Negative		Negative (upto 1)
Blood	2+		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	10 - 20	/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	Present	/hpf	Absent
Organism	Absent		

---- End of Report ----

Dr. Sejal Odedra
M.D.Pathology



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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. : 23204523 Report Date : 08/04/2023

Request No. : 190060359 08/04/2023 - 9.25 AM

Patient Name : Mrs. MOHINI VATSA

Gender / Age : Female / 31 Years 1 Months 29 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





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- Echocardiography

Patient No. : 23204523 Report Date : 08/04/2023
Request No. : 190060323 08/04/2023 9.25 AM
Patient Name : Mrs. MOHINI VATSA
Gender / Age : Female / 31 Years 1 Months 29 Days

USG : Abdomen (Excluding Pelvis) Or Upper Abdomen

Liver is normal in size and echopattern. No mass lesion identified. The hepaticveins 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.

Uterus is anteverted, normal in size and echo pattern. Endometrium thickness is about 5 mm. No obvious mass lesion seen.

Uterine length : 98 mm.
A.P. : 53 mm.

Both ovaries are normal .

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. : 23204523 Report Date : 08/04/2023
Request No. : 190060367 08/04/2023 9.25 AM
Patient Name : Mrs. MOHINI VATSA

Gender / Age : Female / 31 Years 1 Months 29 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 MR, TR, NO PULMONARY HYPERTENSION , (IVC COLLAPSING)
7. NO PERICARDIAL EFFUSION, CLOT VEGETATION.

Dr. KILLOL KANERIA MD, DM
Consultant Cardiologist

Studytime: Mohiniwatsa
Patient ID: Z3204528

08.04.2023 10:11:44
Standard 12-Lead

Date of birth: 11.02.1992
Gender: Female
Height:
Weight:
Ethnicity: Undefined
Facemaker: Unknown

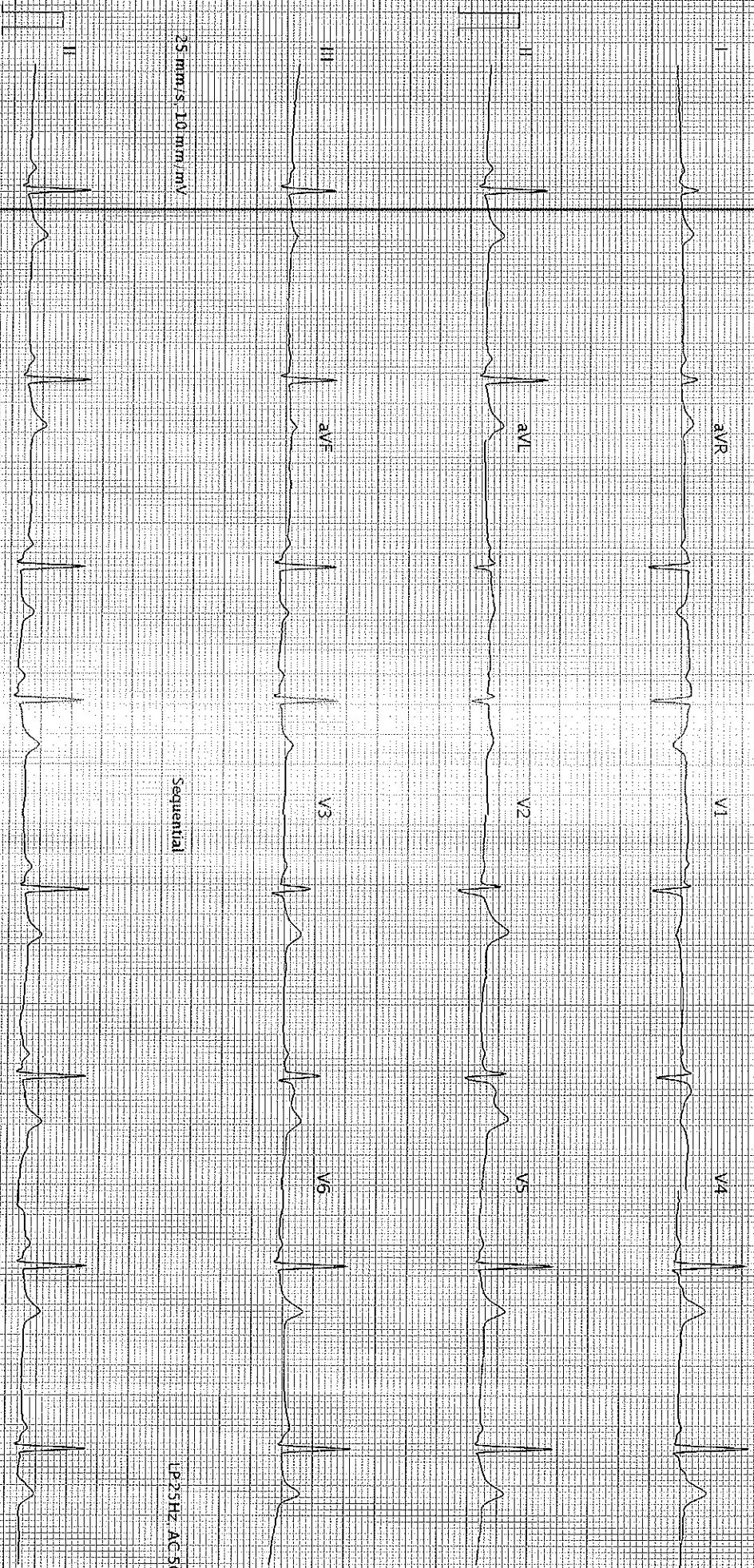
Visit ID:
Room:
Medication:
Order ID:
Ord. prov:
Ord. prot:

HR: 48 bpm
RR: 1246 ms
P: 115 ms
PR: 152 ms
F axis: 49°
QRS axis: 69°
T axis: 32°
QRS: 85 ms
QT: 431 ms
QTcb: 386 ms

Atrial premature complex(es)
Sinus bradycardia
Normal electrical axis
Otherwise normal ECG
Unconfirmed report

Indication:
Remark:

Otherwise normal



25 mm/s, 10 mm/mV

Sequential

LP 25Hz AC 50Hz

25 mm/s, 10 mm/mV

LP 25Hz AC 50Hz

AI 102 GZ 1.2.0 (1080:01E030)

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