

Ecu Number MC/22/000534 Ecu.Date 09/07/2022
Pat.Number 21047698 RAKESH KUMAR Age 35
Ctgrty.Desc.
Height 165 Cm. Weight 63 Kg. Ideal Weight 63 Kg. BMI : 23 Kg / Mtr2
Past H/O P/H/O HEPATITIS IN PAST.
Present H/O NO MEDICAL COMPLAINTS AT PRESENT.
Family H/O NO F/H/O ANY MAJOR ILLNESS.
Habits VEG DIET.
Gen. Exam. G.C. GOOD B.P 120/74 mm Hg Pulse 78/MIN REG. Other -
C.V.S. CLINICALLY NAD
R.S. CLINICALLY NAD
Abdomen : Liver : NP Spleen : NP
Skin NAD
C.N.S. NAD

OPHTHALMIC CHECK UP	RT	LT
Ext-Exam	NORMAL	NORMAL
Vision Without Glasses	-	-
Vision With Glasses	6/6	6/6
Final Correction	N.6	N.6
Fundus	NORMAL	
Colour Vision	NORMAL	
Advice	NIL	

Dr. Manish Mittal
()



Patient Name : Mr. RAKESH KUMAR PRABHATBHAI
 Gender / Age : Male / 35 Years 5 Days
 MR No / Bill No. : 21047698 / 231018873
 Consultant : Dr. Manish Mittal
 Location : OPD

Type : OPD
 Request No. : 55102
 Request Date : 09/07/2022 09:33 AM
 Collection Date : 09/07/2022 09:42 AM
 Approval Date : 09/07/2022 01:53 PM

CBC + ESR

Test	Result	Units	Biological Ref. Range
Haemoglobin.			
Haemoglobin	16.7	gm/dL	13 - 17
Red Blood Cell Count (T-RBC)	6.16	mill/cmm	4.5 - 5.5
Hematocrit (HCT)	48.9	%	40 - 50
Mean Corpuscular Volume (MCV)	79.4	fl	83 - 101
Mean Corpuscular Haemoglobin (MCH)	27.1	pg	27 - 32
MCH Concentration (MCHC)	34.2	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	12.9	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	37.1	fl	39 - 46
Total Leucocyte Count (TLC)			
Total Leucocyte Count (TLC)	5.46	thou/cmm	4 - 10
Differential Leucocyte Count			
Polymorphs	65	%	40 - 80
Lymphocytes	28	%	20 - 40
Eosinophils	1	%	1 - 6
Monocytes	6	%	2 - 10
Basophils	0	%	0 - 2
Polymorphs (Abs. Value)	3.53	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	1.52	thou/cmm	1 - 3
Eosinophils (Abs. Value)	0.08	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	0.2	%	1 - 3 : Borderline > 3 : Significant
Platelet Count			
Platelet Count	318	thou/cmm	150 - 410
Smear evaluation	Adequate		
ESR	1	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. Retest / retest may be required.

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



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DEPARTMENT OF LABORATORY MEDICINE

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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 metric 20, comparable to Westergrens method and in accordance to ICSH reference method.

---- End of Report ----

Dr. Rakesh Vaidya
MD (Path). DCP.

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Gender / Age	: Male / 35 Years 5 Days	Request No.	: 55102
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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.

---- End of Report ----

Dr. Sejal Odedra
M.D.Pathology

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Clinical Biochemistry



<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>Biological Ref. Range</u>
Fasting Plasma Glucose	96	mg/dL	70 - 110
Post Prandial 2 Hr. Plasma Glucose	138	mg/dL	70 - 140

By Hexokinase method on RXL Dade Dimension

---- End of Report ----

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Renal Function Test (RFT)

Test	Result	Units	Biological Ref. Range
Urea <i>(By Urease Kinetic method on RXL Dade Dimension)</i>	15	mg/dL	10 - 45
Creatinine <i>(By Modified Kinetic Jaffe Technique)</i>	<u>0.85</u>	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>	5.0	mg/dL	3.4 - 7.2

---- End of Report ----

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 Gender / Age : Male / 35 Years 5 Days Request No. : 55102
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Liver Function Test (LFT)

Test	Result	Units	Biological Ref. Range
Bilirubin			
Bilirubin - Total	0.35	mg/dL	0 - 1
Bilirubin - Direct	0.09	mg/dL	0 - 0.3
Bilirubin - Indirect	0.26	mg/dL	0 - 0.7
<i>(By Diazotized sulfanilic acid on RXL Dade Dimension.)</i>			
Aspartate Aminotransferase (SGOT/AST)	22	U/L	15 - 40
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alanine Aminotransferase (SGPT/ALT)	43	U/L	10 - 40
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alkaline Phosphatase	98	U/L	53 - 128
<i>(BY PNPP AMP method on RXL Dade Dimension.)</i>			
Gamma Glutamyl Transferase (GGT)	33	U/L	15 - 85
<i>(By IFCC method on RXL Dade Dimension.)</i>			
Total Protein			
Total Proteins	7.85	gm/dL	6.4 - 8.2
Albumin	3.85	gm/dL	3.4 - 5
Globulin	4	gm/dL	3 - 3.2
A : G Ratio	0.96		1.1 - 1.6
<i>(By Biuret endpoint and Bromocresol purple method on RXL Dade Dimesion.)</i>			

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Complete Lipid Profile

Test	Result	Units	Biological Ref. Range
Complete Lipid Profile			
Appearance	Clear		
Triglycerides	89	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	173	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	40	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)	133	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	113	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)	17.8	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	2.83		2.1 - 3.5
T. Ch./HDL Ch. Ratio	4.33		3.5 - 5
<i>(Recent NECP / ATP III Guidelines / Classification (mg/dl) :)</i>			

--- End of Report ---

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Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
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Triiodothyronine (T3)	1.58	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)	9.77	mcg/dL	
----------------	------	--------	--

(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)	1.24	microIU/ml	
--------------------------------------	------	------------	--

(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 ---

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Clinical Biochemistry

Test	Result	Units	Biological Ref. Range
Glycosylated Hemoglobin (HbA1c)	6.6	%	
estimated Average Glucose (e AG) *	142.72	mg/dL	

(Method:

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

* Calculated value 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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 Approval Date : 09/07/2022 12:12 PM

Urine Routine

Test	Result	Units	Biological Ref. Range
Physical Examination			
Quantity	30	mL	
Colour	Pale Yellow		
Appearance	Clear		
Chemical Examination (By Reagent strip method)			
pH	6.0		
Specific Gravity	1.025		
Protein	Negative	gm/dL	Negative
Glucose	Negative	mg/dL	Negative
Ketones	Negative		Negative
Bilirubin	Negative		Negative
Urobilinogen	Negative		Negative (upto 1)
Blood	Negative		Negative
Bile Salt	Absent		Absent
Leucocytes	Negative		Negative
Bile Pigments	Absent		Absent
Nitrite	Negative		Negative
Microscopic Examination (After Centrifugation at 2000 rpm for 10 min)			
Red Blood Cells	Nil	/hpf	0 - 2
Leucocytes	Present (0-2)	/hpf	0 - 5
Epithelial Cells	Present (0-2)	/hpf	0 - 5
Casts	Nil	/lpf	Nil
Crystals	Nil		Nil
Mucus	Absent		Absent
Organism	Absent		

---- End of Report ----

Dr. Sejal Odedra
M.D.Pathology



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- Mammography
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- Digital Subtraction Angiography
- Foetal Echocardiography
- Echocardiography

Patient No. : 21047698 Report Date : 09/07/2022
Request No. : 190026303 09/07/2022 9.33 AM
Patient Name : **RAKESH KUMAR PRABHATBHAI**
Gender / Age : Male / 35 Years 5 Days

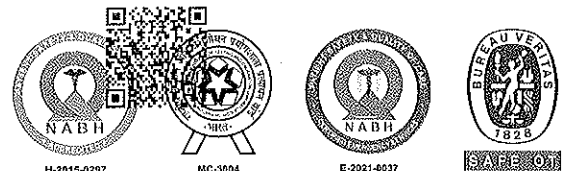
X-Ray Chest AP

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

Prerna C Hasani

Dr. Prerna C Hasani, MD
Consultant Radiologist





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Patient No. : 21047698 Report Date : 09/07/2022
Request No. : 190026301 09/07/2022 9.33 AM
Patient Name : RAKESH KUMAR PRABHATBHAI
Gender / Age : Male / 35 Years 5 Days

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 31mm x 33mm x 33mm.

Urinary bladder is well distended and appears normal.

No ascites.

COMMENT:

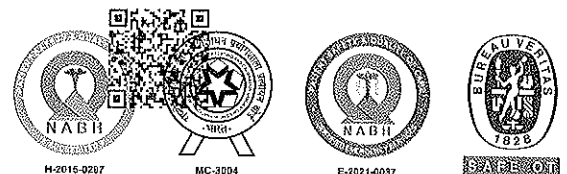
No obvious abnormality seen.

Kindly correlate clinically

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

Prerna C

Dr. Prerna C Hasani, MD
Consultant Radiologist



Patient No. : 21047698 Report Date : 09/07/2022
Request No. : 190026308 09/07/2022 9.33 AM
Patient Name : **RAKESH KUMAR PRABHATBHAI**
Gender / Age : Male / 35 Years 5 Days

Echo Color Doppler

MITRAL VALVE : NORMAL, NO MS, NO MR
AORTIC VALVE : TRILEAFLET, NO AS, NO AR
TRICUSPID VALVE : NORMAL, NO TR, NO PAH
PULMONARY VALVE : NORMAL, NO PR, NO PS
LEFT ATRIUM : NORMAL SIZE
AORTA : NORMAL
LEFT VENTRICLE : NORMAL LVEF -65 %, NO RWMA AT REST
RIGHT ATRIUM : NORMAL SIZE
RIGHT VENTRICLE : NORMAL SIZE
I.V.S. : INTACT
I.A.S. : INTACT
PULMONARY ARTERY : NORMAL
PERICARDIUM : NO EFFUSION
COLOUR/DOPPLER FLOW MAPPING : NO AR, MR, TR NO PAH

FINAL CONCLUSION:

1. NORMAL SIZED ALL CARDIAC CHAMBERS
2. NORMAL LV SYSTOLIC FUNCTION LVEF - 65 %
3. NO RESTING RWMA
4. NORMAL VALVES, NO MITRAL / AORTIC STENOSIS
5. NORMAL RIGHT HEART SIZE AND RV PRESSURE
6. NO PERICARDIAL EFFUSION, CLOT OR VEGETATION SEEN, SR+.

DR. KILLOL KANERIA MD,DM
INTERVENTIONAL CARDIOLOGIST

ECU/01
35 Years

09-Jul-22

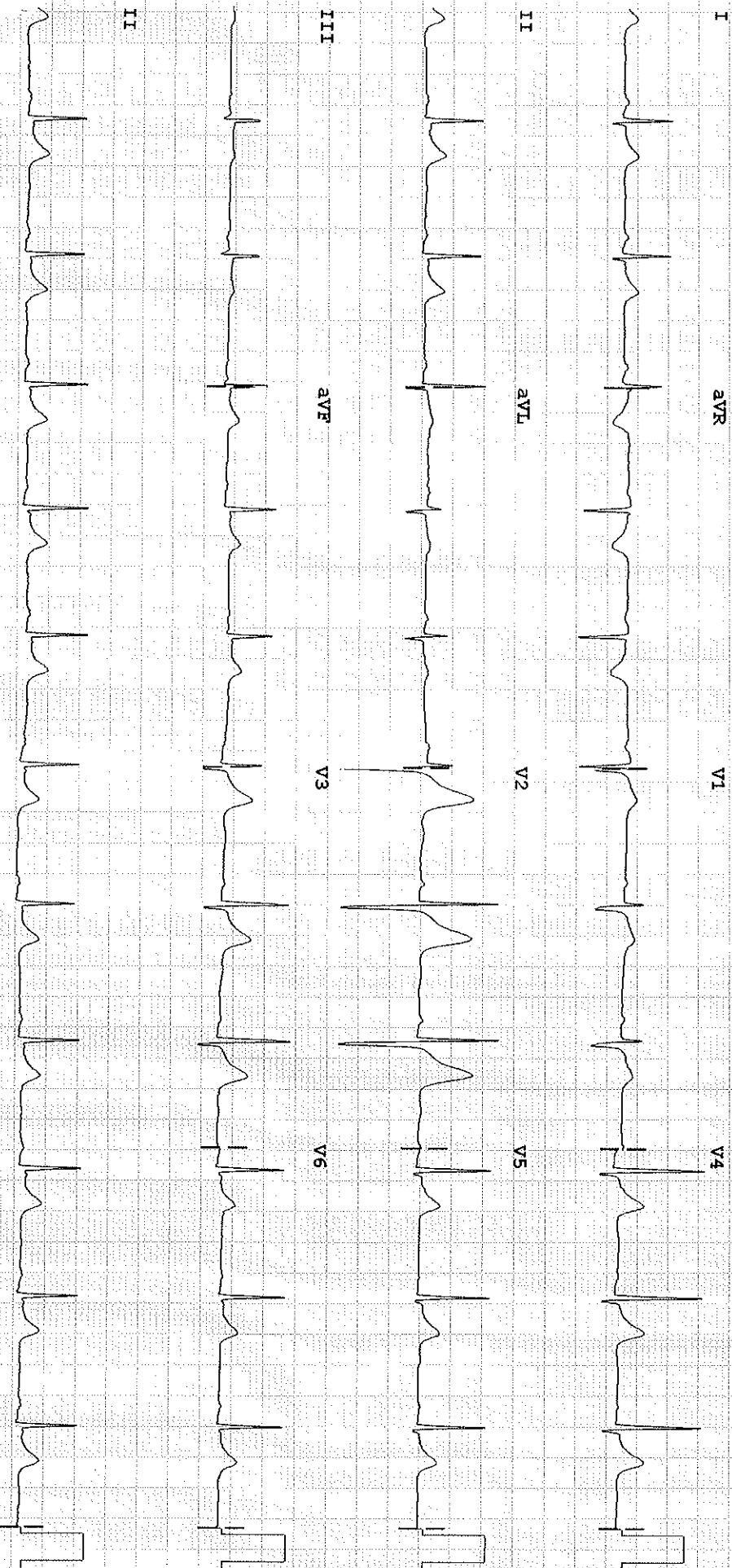
9:21:47 AM
Male

MR. RAKESHKUMAR P. RATHVA

Doctor MANISH MITTAL

Rate 70
PR 160
QRSD 70
QT 352
QTc 380

--AXIS--
P 11
QRS 54
T 47



Dev: Speed: 25 mm/sec Limb: 10 μ V/mV Chest: 10 mm/mV

F 50~0.5-150 Hz W

PH08

P?