



CONCLUSION OF HEALTH CHECKUP

ECU Number	: 4333	MR Number	: 23209622	Patient Name	: SUMANKUMAR R MAKWANA
Age	: 51	Sex	: Male	Height	: 171
Weight	: 89	Ideal Weight	: 67	BMI	: 23.60
Date	: 15/07/2023				

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 : 4333
Age : 51
Weight : 69
Date : 16/07/2023

MR Number : 23209622
Sex : Male
Ideal Weight : 67

Patient Name : SUMANKUMAR R MAKWANA
Height : 171
BMI : 23.60

Ophthalmic Check Up :

Right

Left

Ext Exam

Vision Without Glasses

-

-

Vision With Glasses

6/6 N.5

6/6 N.5

Final Correction

NEW TREAT GIVEN

Fundus

NORMAL

Colour Vision

NORMAL

Advice

NIL

Orthopaedic 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

ECU Number : 4333 MR Number : 23209622 Patient Name: SUMANKUMAR R MAKWANA
Age : 51 Sex : Male Height : 171
Weight : 69 Ideal Weight : 67 BMI : 23.60
Date : 15/07/2023

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

Present H/O : NO MEDICAL COMPLAINTS AT PRESENT.

Family H/O : NO F/H/O ANY MAJOR ILLNESS.

Habits : SMOKING SINCE 25 - 30 YRS.

Gen Exam. : G.C. GOOD

B.P. : 130/80 mm Hg

Pulse : 66/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 : Mr. SUMANKUMAR R MAKWANA
 Gender / Age : Male / 51 Years 8 Months 5 Days
 MR No / Bill No. : 23209622 / 241035149
 Consultant : Dr. Manish Mittal
 Location : OPD

Type : OPD
 Request No. : 140926
 Request Date : 15/07/2023 09:22 AM
 Collection Date : 15/07/2023 10:39 AM
 Approval Date : 15/07/2023 02:47 PM

CBC + ESR

Test	Result	Units	Biological Ref. Range
Haemoglobin.			
Haemoglobin	15.6	gm/dL	13 - 17
Red Blood Cell Count (T-RBC)	5.67	mill/cmm	4.5 - 5.5
Hematocrit (HCT)	45.7	%	40 - 50
Mean Corpuscular Volume (MCV)	80.6	fL	83 - 101
Mean Corpuscular Haemoglobin (MCH)	27.5	pg	27 - 32
MCH Concentration (MCHC)	34.1	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	14.3	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	42.5	fL	39 - 48
Total Leucocyte Count (TLC)			
Total Leucocyte Count (TLC)	7.95	thou/cmm	4 - 10
Differential Leucocyte Count.			
Polymorphs	65	%	40 - 80
Lymphocytes	29	%	20 - 40
Eosinophils	2	%	1 - 6
Monocytes	4	%	2 - 10
Basophils	0	%	0 - 2
Polymorphs (Abs. Value)	5.11	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	2.30	thou/cmm	1 - 3
Eosinophils (Abs. Value)	0.20	thou/cmm	0.2 - 0.5
Monocytes (Abs. Value)	0.31	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	288	thou/cmm	150 - 410
Smear evaluation	Adequate		
ESR	1	mm/1 hr	0 - 12

Test results are classified as a function of various clinical parameters. Hence, a patient's condition may vary from time to time. Please consult your physician for further advice.



Patient Name	: Mr. SUMANKUMAR R MAKWANA	Type	: OPD
Gender / Age	: Male / 51 Years 8 Months 5 Days	Request No.	: 140928
MR No / Bill No.	: 23209622 / 241035149	Request Date	: 15/07/2023 09:22 AM
Consultant	: Dr. Manish Mittal	Collection Date	: 15/07/2023 10:39 AM
Location	: OPD	Approval Date	: 15/07/2023 02:47 PM

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. Ameet Soni
MD (Path)

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DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr. SUMANKUMAR R MAKWANA
Gender / Age : Male / 51 Years 8 Months 5 Days
MR No / Bill No. : 23209622 / 241035149
Consultant : Dr. Manish Mittal
Location : OPD

Type : OPD
Request No. : 140926
Request Date : 15/07/2023 09:22 AM
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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 ---

Dr. Ameer Sori
MD (Path)

Not Resealed and retested as a matter of hygiene & medical practices. Hence, it is advised to provide only fresh sample per reference / investigations lab for any tests (serum & tissue, fluid) / specimen for analysis.



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Fasting Plasma Glucose

Test	Result	Units	Biological Ref. Range
<i>Fasting Plasma Glucose</i>			
Fasting Plasma Glucose	93	mg/dL	70 - 110
Post Prandial 2 Hr. Plasma Glucose	97	mg/dL	70 - 140

By Hexokinase method on RXL Dade Dimension

--- End of Report ---

Dr. Rakesh Vaidya
MD (Path), DCP.



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HbA1c (Glycosylated Hb)

Test	Result	Units	Biological Ref. Range
HbA1c (Glycosylated Hb)			
Glycosylated Hemoglobin (HbA1c)	5.4	%	
estimated Average Glucose (e-AG) *	108.28	mg/dL	

(Method:

By Automated HPLC analyzer 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	> 163	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), DCP.



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Complete Lipid Profile

Test	Result	Units	Biological Ref. Range
Complete Lipid Profile			
Appearance	Clear		
Triglycerides	270	mg/dL	1 - 150
<i>(By Lipase / Glycerol dehydrogenase on RXL Dade Dimension)</i>			
< 150 Normal			
150-199 Borderline High			
200-499 High			
> 499 Very High			
Total Cholesterol	215	mg/dL	1 - 200
<i>(By enzymatic colorimetric method on RXL Dade Dimension)</i>			
<200 mg/dL - Desirable			
200-239 mg/dL - Borderline High			
> 239 mg/dL - High			
HDL Cholesterol	35	mg/dL	40 - 60
<i>(By Direct homogeneous technique, modified enzymatic non-immunological method on RXL Dade Dimension)</i>			
< 40 Low			
> 60 High			
Non HDL Cholesterol (calculated)	180	mg/dL	1 - 130
<i>(Non-HDL Cholesterol)</i>			
< 130 Desirable			
130-159 Borderline High			
160-189 High			
> 191 Very High			
LDL Cholesterol	127	mg/dL	1 - 100
<i>(By Direct homogeneous technique, modified enzymatic non-immunological method on RXL Dade Dimension)</i>			
< 100 Optimal			
100-129 Near / above optimal			
130-159 Borderline High			
160-189 High			
> 189 Very High			
VLDL Cholesterol (calculated)	54	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	3.63		2.1 - 3.5
T. Ch./HDL Ch. Ratio	6.14		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	0.49	mg/dL	0 - 1
Bilirubin - Direct	0.10	mg/dL	0 - 0.3
Bilirubin - Indirect	0.39	mg/dL	0 - 0.7
<i>(By Diazoified sulfanilic acid on RXL Dade Dimension.)</i>			
Aspartate Aminotransferase (SGOT/AST)	11	U/L	15 - 40
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alanine Aminotransferase (SGPT/ALT)	23	U/L	16 - 63
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alkaline Phosphatase	76	U/L	58 - 119
<i>(By PNPP AMB method on RXL Dade Dimension.)</i>			
Gamma Glutamyl Transferase (GGT)	22	U/L	15 - 85
<i>(By IFCC method on RXL Dade Dimension.)</i>			
Total Protein			
Total Proteins	6.94	gm/dL	6.4 - 8.2
Albumin	3.91	gm/dL	3.4 - 5
Globulin	3.03	gm/dL	3 - 3.2
A : G Ratio	1.29		1.1 - 1.6
<i>(By Buret endpoint and Bromocresol purple method on RXL Dade Dimension.)</i>			

— End of Report —

Dr. Rakesh Vaidya
MD (Path). DCP.



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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>	0.92	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 / Cobas method on RXL Siemens)</i>	5.3	mg/dl.	3.4 - 7.2

--- End of Report ---

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 Approval Date : 15/07/2023 02:11 PM

Prostate Sp. (Antigen)

Test	Result	Units	Biological Ref. Range
Total PSA	0.505	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 - 2.18

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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Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
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Triiodothyronine (T3)	1.36	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 - 3 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)	8.21	mcg/dL	
----------------	------	--------	--

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

Reference interval (mcg/dL)

1 - 3 days	11.8 - 22.8
1 - 2 weeks	9.8 - 16.8
1 - 4 months	2.2 - 14.4
4 - 12 months	7.8 - 16.5
1 - 5 years	7.3 - 15.0
6 - 10 years	6.4 - 13.3
10 - 20 years	5.8 - 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)	1.37	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 - 3.0
2 - 20 weeks	1.7 - 9.1
5 months - 20 years	0.7 - 5.4
Adults (21 - 54 years)	0.4 - 4.2
Adults (> 55 years)	0.5 - 8.6

Pregnancy :

1st trimester	0.3 - 4.5
2nd trimester	0.5 - 4.8
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	30	ml.	
Colour	Pale Yellow		
Appearance	Clear		
Chemical Examination (By Reagent strip method)			
pH	5.5		
Specific Gravity	1.010		
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	/hpf	Nil
Crystals	Nil	/hpf	Nil
Mucus	Absent	/hpf	Absent
Organism	Absent		

--- End of Report ---

Dr. Ameet Soni
MD (Path)



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DEPARTMENT OF DIAGNOSTIC RADIOLOGY

Patient No. : 23209622 Report Date : 15/07/2023
Request No. : 190071879 15/07/2023 9.22 AM
Patient Name : Mr. SUMANKUMAR R MAKWANA
Gender / Age : Male / 51 Years 8 Months 5 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.

*ULTRASOUNDOGRAPHY CANNOT DETECT ALL ANOMALITIES
 *NOT VALID FOR MEDICO-LEGAL PURPOSES
 *CLINICAL CORRELATION RECOMMENDED

Hasani

Dr. Prema C Hasani, 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. : 23209622 Report Date : 15/07/2023
 Request No. : 190071785 15/07/2023 9.22 AM
 Patient Name : **Mr. SUMANKUMAR R MAKWANA**
 Gender / Age : Male / 51 Years 8 Months 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. **Approx 27x30mm sized hypoechoic lesion is seen at splenic hilum possibly in tail of pancreas without doppler perceptible color flow—needs further investigations**
 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 ~ 15cc.
 Prostate measures 27mm x 34mm x 31mm.

Urinary bladder is well distended and appears normal.

No ascites.

COMMENT:

Well defined hypoechoic lesion at splenic hilum possibly in tail of pancreas without doppler perceptible color flow—needs further investigations
Kindly correlate clinically

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

Prerna C Hasani

Dr. Prerna C Hasani, MD
 Consultant Radiologist



Patient No. : 23209622 Report Date : 15/07/2023
Request No. : 190071886 15/07/2023 9:22 AM
Patient Name : Mr. SUMANKUMAR R MAKWANA
Gender / Age : Male / 51 Years 8 Months 5 Days

Echo Color Doppler

MITRAL VALVE	: NORMAL
AORTIC VALVE	: TRILEAFLET, NORMAL
TRICUSPID VALVE	: NORMAL, TRACE TR, NO PAH
PULMONARY VALVE	: NORMAL
LEFT ATRIUM	: NORMAL
AORTA	: NORMAL
LEFT VENTRICLE	: NORMAL, NO REGIONAL WALL MOTION ABNORMALITY, LVEF=60%
RIGHT ATRIUM	: NORMAL
RIGHT VENTRICLE	: NORMAL
LV.S.	: INTACT
LA.S.	: INTACT
PULMONARY ARTERY	: NORMAL
PERICARDIUM	: NORMAL
COLOUR/DOPPLER FLOW MAPPING:	: Grade I diastolic dysfunction Trace 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. GRADE I DIASTOLIC DYSFUNCTION
6. TRACE MR, TR, NO PULMONARY HYPERTENSION. (IVC COLLAPSING)
7. NO PERICARDIAL EFFUSION, CLOT VEGETATION.

Dr. KILLOL KANERIA MD, DM
Consultant Cardiologist

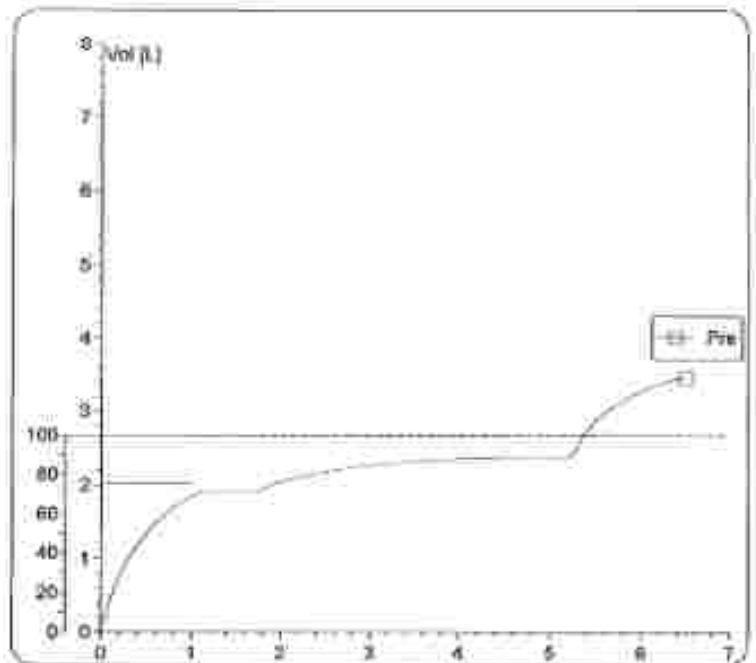
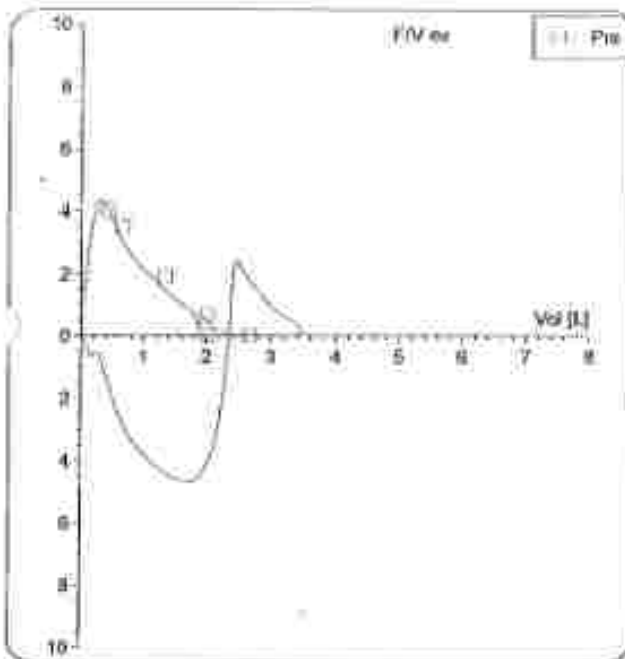


Identification:	700080	Ref. Physician:	ECU
Last Name:	MAKWANA	First Name:	MR SUMAN KUMAR
Date of Birth:	11/11/1971	Smoker:	SMOKER
Gender:	male	Operator:	Mr Solanki Bharat
Height:	171 cm	Weight:	68.0 kg
BMI:	23	Pred. Module:	NHANES 10% CORRE
Age:	51 Years	Device Used:	CareFusion Diffusion(G

PULMONARY FUNCTION ANALYSIS

Spirometry

		Ref	Prod LL	Pre	Pre%Ref
FVC	L	4.13	3.36	2.68	64.8
FEV 1	L	3.21	2.55	2.02	62.9
FEV 1 % FVC	%	69.78	61.07	75.31	107.9
MFEF 75/25	L/s	2.86	1.53	1.64	57.3
FEF 25	L/s	5.73	2.92	3.47	60.5
FEF 50	L/s	4.23	2.29	1.90	44.9
FEF 75	L/s	2.08	0.69	0.67	32.5
FEV 6	L	3.98	3.22		
FET	sec			5.79	
PEF	L/s	8.27	6.34	4.04	48.8



Comment

DR. HARESH SHAH
 Pulmonologist

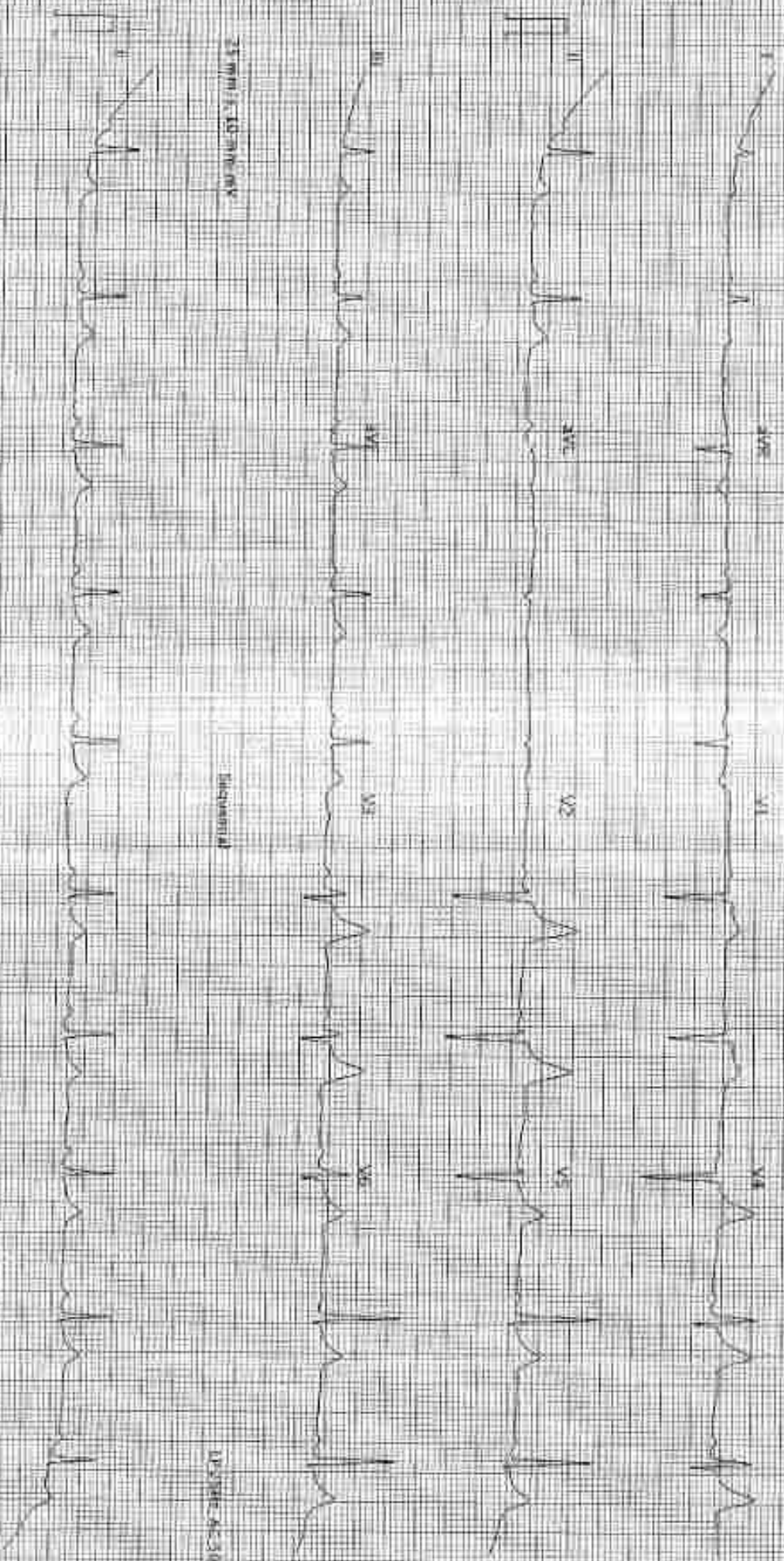
Mr. Sumankumar B. Makwana
 Patient ID: ECU23209622

15.07.2018 12:40:19
 Standard 12-Lead

Age: Male
 Gender: Male
 Height: 1.72 m
 Weight: 79.0 kg
 Ethnicity: Indian
 Pacemaker: No
 Indication: Chest pain

HR: 61 bpm
 RR: 18
 PR: 132 ms
 QRV: 29.6 ms
 QR5 axis: 69.0°
 QTc: 392 ms

Unsynchronized rhythm



25 mm/s, 10 mm/mV

Displacement

M-5000, AC-3000

AX-3085-023-2.0 (1088-011000)

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