

Ecu Number MC/22/000652 Ecu.Date 23/07/2022
Pat.Number 21048605 SUNIL KUMAR SAINI Age 28
Ctgry.Desc.
Height 160 Cm. Weight 68 Kg. Ideal Weight 59 Kg. BMI : 27 Kg / Mtr²
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 VEG DIET.
Gen. Exam. G.C. GOOD B.P 130/80 mm Hg Pulse 86/MIN REG. Other -
C.V.S. CLINICALLY NAD
R.S. CLINICALLY NAD
Abdomen : Liver : NP Spleen : NP
Skin NAD
C.N.S. NAD
Advice .

Dr. Manish Mittal

()



Patient Name : Mr. SUNIL KUMAR SAINI
 Gender / Age : Male / 28 Years 8 Months 22 Days
 MR No / Bill No. : 21048605 / 231021530
 Consultant : Dr. Manish Mittal
 : OPD

Type : OPD
 Request No. : 58475
 Request Date : 23/07/2022 08:47 AM
 Collection Date : 23/07/2022 08:53 AM
 Approval Date : 23/07/2022 03:49 PM

CBC + ESR

Test	Result	Units	Biological Ref. Range
Haemoglobin.			
Haemoglobin	16.3	gm/dL	13 - 17
Red Blood Cell Count (T-RBC)	5.13	mill/cmm	4.5 - 5.5
Hematocrit (HCT)	46.4	%	40 - 50
Mean Corpuscular Volume (MCV)	90.4	fl	83 - 101
Mean Corpuscular Haemoglobin (MCH)	31.8	pg	27 - 32
MCH Concentration (MCHC)	35.1	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	13.4	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	45.2	fl	39 - 46
Total Leucocyte Count (TLC)			
Total Leucocyte Count (TLC)	7.84	thou/cmm	4 - 10
Differential Leucocyte Count			
Polymorphs	56	%	40 - 80
Lymphocytes	34	%	20 - 40
Eosinophils	3	%	1 - 6
Monocytes	7	%	2 - 10
Basophils	0	%	0 - 2
Polymorphs (Abs. Value)	4.40	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	2.70	thou/cmm	1 - 3
Eosinophils (Abs. Value)	0.22	thou/cmm	0.2 - 0.5
Monocytes (Abs. Value)	0.49	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	125	thou/cmm	150 - 410
Smear evaluation	Adequate		
Remarks	Large platelets seen .		
PBS Overview	Reactive lymphocytes seen .		
ESR	3	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.

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DEPARTMENT OF LABORATORY MEDICINE

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Haematology

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>Biological Ref. Range</u>
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. Rakesh Vaidya
MD (Path). DCP.

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DEPARTMENT OF LABORATORY MEDICINE

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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	101	mg/dL	70 - 140

By Hexokinase method on RXL Dade Dimesion

--- 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)	27	mg/dL	10 - 45
Creatinine (By Modified Kinetic Jaffe Technique)	0.85	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)	7.1	mg/dL	3.4 - 7.2

— End of Report —

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MD (Path), DCP.



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Liver Function Test (LFT)

Test	Result	Units	Biological Ref. Range
Bilirubin			
Bilirubin - Total	0.55	mg/dL	0 - 1
Bilirubin - Direct	0.13	mg/dL	0 - 0.3
Bilirubin - Indirect	0.42	mg/dL	0 - 0.7
<i>(By Diazotized sulfanilic acid on RXL Dade Dimension.)</i>			
Aspartate Aminotransferase (SGOT/AST)	40	U/L	15 - 40
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alanine Aminotransferase (SGPT/ALT)	99	U/L	16 - 63
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alkaline Phosphatase	96	U/L	53 - 128
<i>(BY PNPP AMP method on RXL Dade Dimension.)</i>			
Gamma Glutamyl Transferase (GGT)	39	U/L	15 - 85
<i>(By IFCC method on RXL Dade Dimension.)</i>			
Total Protein			
Total Proteins	7.35	gm/dL	6.4 - 8.2
Albumin	4.32	gm/dL	3.4 - 5
Globulin	3.03	gm/dL	3 - 3.2
A : G Ratio	1.43		1.1 - 1.6
<i>(By Biuret endpoint and Bromocresol purple method on RXL Dade Dimension.)</i>			

--- 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)	153	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)	178	mg/dL	1 - 200
HDL Cholesterol (By Direct homogenous technique, modified enzymatic non-immunological method on RXL Dade Dimension < 40 Low > 60 High)	35	mg/dL	40 - 60
Non HDL Cholesterol (calculated) (Non- HDL Cholesterol < 130 Desirable 139-159 Borderline High 160-189 High > 191 Very High)	143	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)	108	mg/dL	1 - 100
VLDL Cholesterol (calculated)	30.6	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	3.09		2.1 - 3.5
T. Ch./HDL Ch. Ratio (Recent NECP / ATP III Guidelines / Classification (mg/dl) :)	5.09		3.5 - 5

--- End of Report ---

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Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
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Triiodothyronine (T3)

1.18

ng/ml

(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)

10.08

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)

4.84

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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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 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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Urine Routine



Test	Result	Units	Biological Ref. Range
Physical Examination			
Quantity	20	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. Rakesh Vaidya
 MD (Path). DCP.



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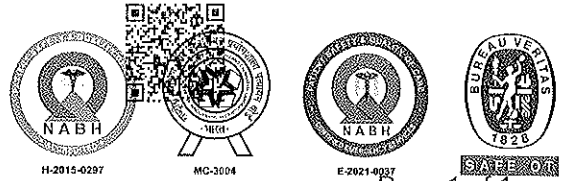
Patient No. : 21048605 Report Date : 23/07/2022
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Patient Name : **SUNIL KUMAR SAINI**
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X-Ray Chest AP

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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Patient No. : 21048605 Report Date : 23/07/2022
Request No. : 190027989 23/07/2022 8.47 AM
Patient Name : SUNIL KUMAR SAINI
Gender / Age : Male / 28 Years 8 Months 22 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. 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 ~ 14 cc. Prostate measures 27mm x 30mm x 32mm.

Urinary bladder is well distended and appears normal.

No ascites.

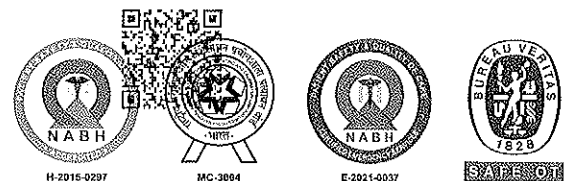
COMMENT:
Fatty liver.

Kindly correlate clinically

• 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




Patient No. : 21048605 Report Date : 23/07/2022
Request No. : 190028064 23/07/2022 8.47 AM
Patient Name : **SUNIL KUMAR SAINI**
Gender / Age : Male / 28 Years 8 Months 22 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 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, FUNCTIONALLY & MORPHOLOGICALLY
5. NO MITRAL / AORTIC STENOSIS
6. NORMAL RIGHT HEART SIZE AND RV PRESSURES
7. NO PERICARDIAL EFFUSION, CLOT OR VEGETATION SEEN, SR+.

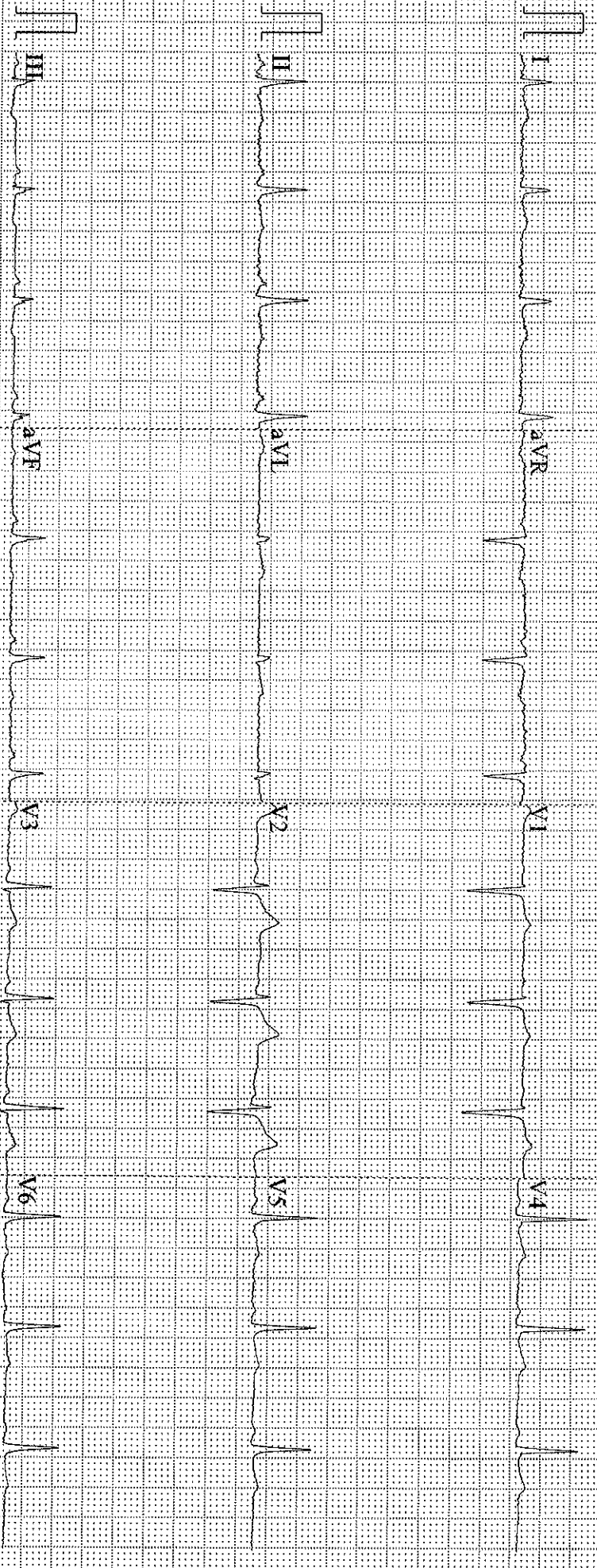

DR. KILLOL KANERIA, M.D., D.M., CARD.

23-07-2022 10:46:04
ID: 2104605
MR. SUNIL KUMAR SAINI
Male 28 Years

HR 78 bpm
P 94 ms
PR 129 ms
QRS 91 ms
QTc 354.05 ms
PQRSTI 69.49/19 °
RV5/SV1 0.992/1.008 mV

Diagnosis Information:
Sinus Rhythm
Normal ECG

Report Confirmed by:



0.67-25Hz AC50 25mm/s 10mm/mV 4*2.5s 78 V2.02 SEMIP V1.7 BHAILAL AMIN GENERAL HOSPITAL (BCH)

Dr. Sonica Peshin

Cosmetic Dentist & Implantologist

Reg. No. : 6966-A

M. : 9586867301



BHAILAL AMIN
GENERAL HOSPITAL

Dental assessment form

22/07/2022

Name: Sunil Kumar Saini

Age/ Sex: 28 years/Male

Patient has come for an oral hygiene check up

On Examination:

- Stains+
- History of horizontal brushing
- Mild attrition, recession

Provisional diagnosis:


- Chronic generalised gingivitis

Treatment plan:

- Recalled after an year for an oral hygiene check up



Advised:

- Brush your teeth twice daily
- Salt water rinses atleast once a day.
- Clean your tongue and floss in between everyday.
- Follow vertical brushing technique.


Dr Sonica Peshin

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