Patient Name : Mr Rahul Saha MRN : 10200000271516 Gender/Age : MALE , 36y (21/05/1986)

Collected On: 16/03/2023 11:05 AM Received On: 16/03/2023 11:37 AM Reported On: 16/03/2023 12:12 PM

Barcode : 012303161194 Specimen : Plasma Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9862054156

BIOCHEMISTRY			
Test	Result	Unit	<b>Biological Reference Interval</b>
Fasting Blood Sugar (FBS) (Colorimetric - Glucose Oxidase Peroxidase)	106 H	mg/dL	70 to 99 : Normal 100 to 125 : Pre-diabetes =>126 : Diabetes ADA standards 2020

--End of Report-

Anushre

Dr. Anushre Prasad MBBS,MD, Biochemistry Consultant Biochemistry

#### Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.
   (Fasting Blood Sugar (FBS) -> Auto Authorized)

Mrs. Latha B S MSc, Mphil, Biochemistry Incharge, Consultant Biochemistry





 Patient Name :
 Mr Rahul Saha
 MRN : 10200000271516
 Gender/Age : MALE , 36y (21/05/1986)

 Collected On :
 16/03/2023 11:05 AM
 Received On :
 16/03/2023 11:37 AM
 Reported On :
 16/03/2023 01:01 PM

Barcode : 012303161196 Specimen : Serum Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9862054156

BIOCHEMISTRY				
Test	Result	Unit	<b>Biological Reference Interval</b>	
SERUM CREATININE				
<b>Serum Creatinine</b> (Two Point Rate - Creatinine Aminohydrolase)	0.78	mg/dL	0.66-1.25	
eGFR (Calculated)	112.7	mL/min/1.73m <sup>2</sup>	Indicative of renal impairment < 60 Note:eGFR is inaccurate for Hemodyamically unstable patients eGFR is not applicable for less than 18 years of age.	
<b>Blood Urea Nitrogen (BUN)</b> (Endpoint /Colorimetric – Urease)	8 L	mg/dL	9.0-20.0	
Serum Uric Acid (Colorimetric - Uricase, Peroxidase)	7.0	mg/dL	3.5-8.5	
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)				
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	156	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240	
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	111	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500	
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	41	mg/dL	40.0-60.0	
Non-HDL Cholesterol (Calculated)	115.0	mg/dL	Desirable: < 130 Above Desirable: 130-159 Borderline High: 160-189 High: 190-219 Very High: => 220	
LDL Cholesterol (Colorimetric)	98 L	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190	
VLDL Cholesterol (Calculated)	22.2	mg/dL	0.0-40.0	

Final Report

Patient Name : Mr Rahul Saha MRN : 10200000271	516 Gender/Age	: MALE , 36y (21/05/198	6)
Cholesterol /HDL Ratio (Calculated)	3.9	-	0.0-5.0
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Colorimetric -Diazo Method)	1.08	mg/dL	0.2-1.3
<b>Conjugated Bilirubin (Direct)</b> (Dual Wavelength - Reflectance Spectrophotometry)	0.10	mg/dL	0.0-0.3
Unconjugated Bilirubin (Indirect) (Calculated)	0.99	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	7.90	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.60	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.31	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.39	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal- 5-phosphate))	37	U/L	17.0-59.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	48	U/L	<50.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P- nitro Phenyl Phosphate, AMP Buffer)	85	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide ( Szasz Method))	26	U/L	15.0-73.0

#### **Interpretation Notes**

Indirect Bilirubin result is a calculated parameter (Indirect Bilirubin = Total Bilirubin - Direct Bilirubin).
 Indirect bilirubin result includes the delta bilirubin fraction also. Delta Bilirubin is the bilirubin which is covalently bound to albumin.
 Delta Bilirubin is not expected to be present in healthy adults or neonates.

#### **THYROID PROFILE (T3, T4, TSH)**

Tri lodo Thyronine (T3) (Enhanced Chemiluminesence)	1.33	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminesence)	8.75	μg/dl	5.53-11.0

#### Patient Name : Mr Rahul Saha MRN : 10200000271516 Gender/Age : MALE , 36y (21/05/1986)

TSH (Thyroid Stimulating Hormone) (Enhanced 4.565 H Chemiluminesence)

**ι** μlU/mL

0.4-4.049

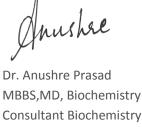
--End of Report-

Mrs. Latha B S MSc, Mphil, Biochemistry Incharge, Consultant Biochemistry

#### Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.
   (Lipid Profile, -> Auto Authorized)
   (CR, -> Auto Authorized)
   (LFT, -> Auto Authorized)
  - (Uric Acid, -> Auto Authorized)

(Blood Urea Nitrogen (Bun) -> Auto Authorized)







Patient Name: Mr Rahul Saha MRN: 10200000271516 Gender/Age: MALE, 36y (21/05/1986)

Collected On: 16/03/2023 11:05 AM Received On: 16/03/2023 11:37 AM Reported On: 16/03/2023 12:27 PM

Barcode : 012303161195 Specimen : Whole Blood Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9862054156

BIOCHEMISTRY				
Test	Result	Unit	<b>Biological Reference Interval</b>	
HBA1C				
HbA1c (HPLC NGSP Certified)	6.2 H	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: => 6.5 ADA standards 2020	
Estimated Average Glucose (Calculated)	131.24	-	-	

#### Interpretation:

1. HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms with HbA1C>6.5%, repeat measurement on further sample. If the repeat test result is <6.5%, consider as diabetes high risk and repeat measurement after 6 months.

2. HbA1C measurement is not appropriate in diagnosing diabetes in children, suspicion of type 1 diabetes, symptoms of diabetes for less than 2 months, pregnancy, hemoglobinopathies, medications that may result sudden increase in glucose, anemia, renal failure, HIV infection, malignancies, severe chronic hepatic, and renal disease.

3. Any sample with >15% should be suspected of having a haemoglobin variant.

#### --End of Report-

Mrs. Latha B S MSc, Mphil, Biochemistry Incharge, Consultant Biochemistry

#### Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.

Anushre

Dr. Anushre Prasad MBBS,MD, Biochemistry Consultant Biochemistry





**Final Report** 

Patient Name : Mr Rahul Saha MRN : 10200000271516 Gender/Age : MALE , 36y (21/05/1986)

Collected On: 16/03/2023 11:05 AM Received On: 16/03/2023 11:38 AM Reported On: 16/03/2023 11:54 AM

Barcode : 032303160217 Specimen : Urine Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9862054156

	CLINICAL PAT	HOLOGY
Test	Result	Unit
Urine For Sugar (Fasting) (Enzyme Method (GOD	Not Present	-

Urine For Sugar (Fasting) (Enzyme Method (GOD NO POD))

--End of Report-

Dr. Sudarshan Chougule MBBS, MD, Pathology Consultant & Head - Hematology & Flow Cytometry

#### Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





Patient Name : Mr Rahul Saha MRN : 10200000271516 Gender/Age : MALE , 36y (21/05/1986) Collected On: 16/03/2023 11:05 AM Received On: 16/03/2023 11:38 AM Reported On: 16/03/2023 12:55 PM Barcode : 032303160217 Specimen : Urine Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9862054156

	CLINICAL PAT	HOLOGY	
Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Colour	Yellow	-	-
Appearance	Clear	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (pH Indicator Method)	7.5	-	4.5-7.5
Sp. Gravity (Refractive Index)	1.007	-	1.002 - 1.030
Protein (Automated Protein Error Or Ph Indicator)	Not Present	-	Not Present
Urine Glucose (Enzyme Method (GOD POD))	Not Present	-	Not Present
Ketone Bodies (Nitroprusside Method)	Not Present	-	Not Present
Bile Salts (Azo Coupling Method)	Not Present	-	Not Present
Bile Pigment (Bilirubin) (Azo Coupling Method)	Not Present	-	Not Present
Urobilinogen (Azo Coupling Method)	Normal	-	Normal
<b>Urine Leucocyte Esterase</b> (Measurement Of Leukocyte Esterase Activity)	Not Present	-	Not Present
Blood Urine (Peroxidase Reaction)	Not Present	-	Not Present
Nitrite (Gries Method)	Not Present	-	Not Present
MICROSCOPIC EXAMINATION			
Pus Cells	0.1	/hpf	0-5

Patient Name : Mr Rahul Saha MRN : 1020000027	1516 Gender/Ag	e : MALE , 36y (21/05/19	86)
RBC	0.1	/hpf	0-4
Epithelial Cells	0.0	/hpf	0-6
Crystals	0.0	/hpf	0-2
Casts	0.00	/hpf	0-1
Bacteria	2.7	/hpf	0-200
Yeast Cells	0.0	/hpf	0-1
Mucus	Not Present	-	Not Present

--End of Report-

the

Dr. Sudarshan Chougule MBBS, MD, Pathology Consultant & Head - Hematology & Flow Cytometry

#### Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.



 Patient Name : Mr Rahul Saha
 MRN : 10200000271516
 Gender/Age : MALE , 36y (21/05/1986)

 Collected On : 16/03/2023 11:05 AM
 Received On : 16/03/2023 11:37 AM
 Reported On : 16/03/2023 11:59 AM

 Barcode : 022303160616
 Specimen : Whole Blood
 Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9862054156

HEMATOLOGY				
Test	Result	Unit	Biological Reference Interval	
COMPLETE BLOOD COUNT (CBC)				
Haemoglobin (Hb%) (Photometric Measurement)	13.6	g/dL	13.0-17.0	
Red Blood Cell Count (Electrical Impedance)	5.47	million/µl	4.5-5.5	
PCV (Packed Cell Volume) / Hematocrit (Calculated)	42.9	%	40.0-50.0	
MCV (Mean Corpuscular Volume) (Derived)	78.4 L	fL	83.0-101.0	
MCH (Mean Corpuscular Haemoglobin) (Calculated)	24.8 L	pg	27.0-32.0	
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	31.7	%	31.5-34.5	
Red Cell Distribution Width (RDW) (Derived)	14.7 H	%	11.6-14.0	
Platelet Count (Electrical Impedance Plus Microscopy)	184	10 <sup>3</sup> /μL	150.0-450.0	
Total Leucocyte Count(WBC) (Electrical Impedance)	8.7	$10^3/\mu L$	4.0-10.0	
DIFFERENTIAL COUNT (DC)				
Neutrophils (VCS Technology Plus Microscopy)	57.6	%	40.0-75.0	
Lymphocytes (VCS Technology Plus Microscopy)	31.1	%	20.0-40.0	
Monocytes (VCS Technology Plus Microscopy)	6.6	%	2.0-10.0	
Eosinophils (VCS Technology Plus Microscopy)	3.9	%	1.0-6.0	
Basophils (VCS Technology Plus Microscopy)	0.8	%	0.0-2.0	

Final Report

Patient Name: Mr Rahul Saha MRN: 10200000271516 Gender/Age: MALE, 36y (21/05/1986)				
Absolute Neutrophil Count (Calculated)	5.02	x10 <sup>3</sup> cells/µl	2.0-7.0	
Absolute Lympocyte Count (Calculated)	2.71	x10 <sup>3</sup> cells/µl	1.0-3.0	
Absolute Monocyte Count (Calculated)	0.58	x10 <sup>3</sup> cells/µl	0.2-1.0	
Absolute Eosinophil Count (Calculated)	0.34	x10 <sup>3</sup> cells/µl	0.02-0.5	
Absolute Basophil Count (Calculated)	0.07	-	-	

As per the recommendation of International Council for Standardization in Hematology, the differential counts are additionally being reported as absolute numbers.

#### **Interpretation Notes**

- Haemoglobin, RBC Count and PCV: If below reference range, indicates Anemia. Further evaluation is suggested.
  - RBC Indices aid in typing of anemia.
  - WBC Count: If below reference range, susceptibility to infection.
  - If above reference range- Infection\*
  - If very high in lakhs-Leukemia
  - Neutrophils -If above reference range-acute infection, mostly bacterial
  - $\label{eq:lymphocytes-lf} \mbox{Lymphocytes-lf} \mbox{ above reference range-chronic infection/viral infection}$
  - Monocytes -If above reference range- TB, Typhoid, UTI
  - Eosinophils -If above reference range -Allergy,cough,Common cold,Asthma & worms
  - Basophils If above reference range, Leukemia, allergy
  - Platelets: If below reference range- bleeding disorder, Dengue, drug- induced, malignancies
  - \* In bacterial infection with fever total WBC count increases.
  - Eg Tonsillitis, Sinusitis, Bronchitis, Pneumonia, Appendicitis, UTI -12000-25000 cells/cumm.
  - In typhoid and viral fever WBC may be normal.

DISCLAIMER: All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert.

--End of Report-

Dupun M

Dr. Deepak M B MD, PDF, Hematopathology Consultant

#### Patient Name : Mr Rahul Saha MRN : 10200000271516 Gender/Age : MALE , 36y (21/05/1986)

#### Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





 Patient Name : Mr Rahul Saha
 MRN : 10200000271516
 Gender/Age : MALE , 36y (21/05/1986)

 Collected On : 16/03/2023 11:05 AM
 Received On : 16/03/2023 11:37 AM
 Reported On : 16/03/2023 01:35 PM

 Barcode : 022303160617
 Specimen : Whole Blood - ESR
 Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9862054156

HEMATOLOGY				
Test	Result	Unit	<b>Biological Reference Interval</b>	
Erythrocyte Sedimentation Rate (ESR)	1	mm/1hr	0.0-10.0	

(Westergren Method)

**Interpretation Notes** 

ESR high - Infections, chronic disorders,, plasma cell dyscrasias.
 DISCLAIMER:All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert

--End of Report-

Dr. Sudarshan Chougule MBBS, MD, Pathology Consultant & Head - Hematology & Flow Cytometry

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





Final Report

Patient Name : Mr Rahul Saha MRN : 10200000271516 Gender/Age : MALE , 36y (21/05/1986)

Collected On: 16/03/2023 01:58 PM Received On: 16/03/2023 02:33 PM Reported On: 16/03/2023 03:05 PM

Barcode : 012303161644 Specimen : Plasma Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9862054156

	MISTRY		
Test	Result	Unit	<b>Biological Reference Interval</b>
<b>Post Prandial Blood Sugar (PPBS)</b> (Colorimetric - Glucose Oxidase Peroxidase)	164 H	mg/dL	70 to 139 : Normal 140 to 199 : Pre-diabetes =>200 : Diabetes ADA standards 2020

--End of Report-

Mrs. Latha B S MSc, Mphil, Biochemistry Incharge, Consultant Biochemistry

#### Note

- Abnormal results are highlighted.
- Results relate to the sample only.

Kindly correlate clinically.

(Post Prandial Blood Sugar (PPBS) -> Auto Authorized)



Dr. Anushre Prasad MBBS,MD, Biochemistry Consultant Biochemistry





 Patient Name : Mr Rahul Saha
 MRN : 10200000271516
 Gender/Age : MALE , 36y (21/05/1986)

 Collected On : 16/03/2023 11:05 AM
 Received On : 16/03/2023 11:37 AM
 Reported On : 16/03/2023 12:24 PM

 Barcode : 182303160043
 Specimen : Whole Blood
 Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9862054156

#### NARAYANA HRUDAYALAYA BLOOD CENTRE

Test	Result	Unit
BLOOD GROUP & RH TYPING		
Blood Group (Column Agglutination Technology)	А	-
RH Typing (Column Agglutination Technology)	Positive	-

--End of Report-

Dr. Prathip Kumar B R MBBS,MD, Immunohaematology & Blood Transfusion Consultant

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.



# CONSULTATION SUMMARY

# Nalayana

Institute of Cardiac Sciences

Unit of Narayana Health

tt MRN at Name er/Age/Dob at Phone No at Address	colony , Rynjah ,Shillong,East Khasi Hills,Meghalaya,India,
	-793006

Consultation Date: 17/03/2023 12:17 PM : Dr. Santosh K M (FAMILY Consultant MEDICINE) Consultation

Type

OP, FOLLOW UP

# VITALS

.

Patien

Patien

Gende

Patien

patien

Blood Pressure: 182/110 mmHg

SPO2:98%, Room air

Height: 173 cm Weight: 85 kg

BMI: 28.40 kg/m2

BSA: 2.02 m2

# CLINICAL IMPRESSION

NAFLD Systemic HTN Prediabetes Subclinical Hypothyroid

#### INVESTIGATION ORDER

LAB : HBSAG (HEPATITS B SURFACE ANTIGEN) - CHEMILUMINESCENCE I HCV (ANTI HCV ANTIBODY) -CHEMILUMINESCENCE

#### MEDICATION ORDER

DRUG NAME

- 1) OMEGA 3+VIT E-CAPSULE ---WELLNESS OMEGA
- 2) URSODEOXYCHOLIC ACID(SR)-TABLET-450MG-URSOCOL SR
- 3) PERINDOPRIL+AMLODIPINE-TABLET-8MG+10MG-COVERSYL AM

#### ADVICE

#### PATIENT INSTRUCTION

Patient Instruction: Once Daily (0-1-0-0) Capsule Orally After Food For 3 Months , Qty: 90 , Start Date: Mar 17, 2023, End Date: Jun 16, 2023

Patient Instruction:Once Daily (1-0-0-0) Tablet For 1 Month, Qty: 30, Start Date: Mar 17, 2023, End Date: Apr 16, 2023

Patient Instruction: (1 - 0 - 0 - 0) Tablet , Qty: 1, Start Date: Mar 17, 2023

Hydration atleast 4 litres per day Food in time . Food Quality (as discussed in outpatient department)

Narayana Institute of Cardiac Sciences

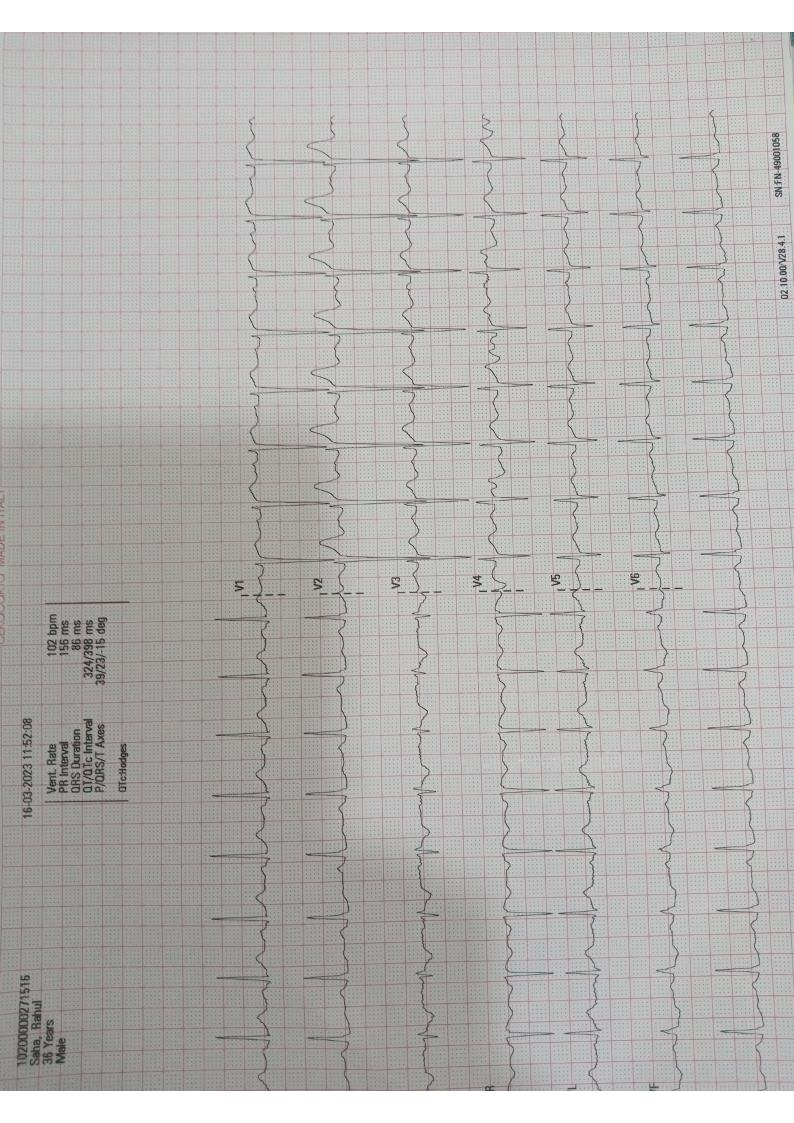
Resistance of Cardiac Science 27497 Resistance of Cardiac Science 27497

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099 Hospital Address 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099 Hospital Address: NH Health City, 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099 Tel +91 80 712,20000 Tel +91 80 712 22222 | Fax +91 80 2783 2648 | Email: info.nics@narayanahealth.org | www.narayanahealth.org

Page 1 of 2 Emergencies 97384 97384

1800-309-0309 (Toll Free)

Appointments





Patient Name	: Mr. Rahul Saha	MRN	: 10200000271516
	: 36 Years	Sex	: Male
Age Referring Doctor	: EHC	Date	: 16.03.2023

# ULTRASOUND ABDOMEN AND PELVIS

CLINICAL DETAILS: Health check-up.

#### FINDINGS:

Liver is enlarged in size (16.6 cm) and shows diffuse increase in parenchymal echogenicity, suggestive of severe fatty infiltration. No intra or extra hepatic biliary duct dilatation.

Portal vein is normal in course and caliber. Hepatic veins and their confluence draining into the IVC appear normal. CBD is not dilated.

Gallbladder is normal without evidence of calculi, wall thickening or pericholecystic fluid.

Pancreas to the extent visualized (head and part of body), appears normal in size, contour and echogenicity.

Spleen is normal in size, shape, contour and echopattern. No evidence of mass or focal lesions.

Right Kidney is normal in size, position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Left Kidney is normal in size, position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Retroperitoneum - Obscured by bowel gas.

Urinary Bladder is well distended. Wall thickness is normal. No evidence of calculi, mass or mural lesion.

Prostate is normal in size, (volume - 16 cc).

There is no ascites.

#### IMPRESSION:

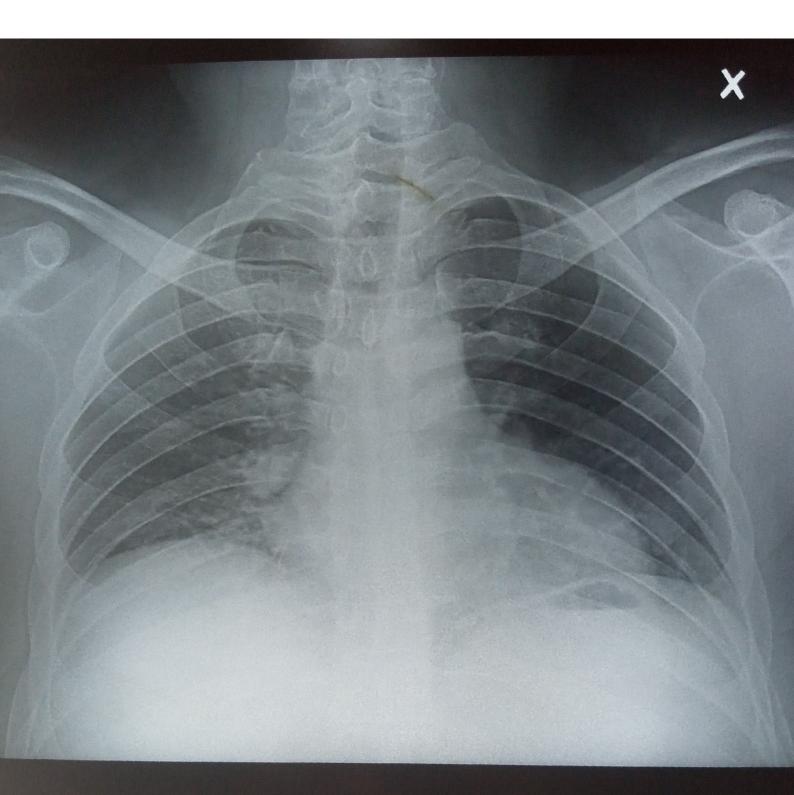
Hepatomegaly with severe fatty infiltration.

p

Dr. Shivaprakash Teli Resident

Typed by Kalyani





Saha Rahul Mr 10200000271516 1020-2303038183 M P5-000310 16/03/2023 12:08 PM NH MSMC NH HEALTH CITY BANGALORE.