

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Debayan Mitra	Age/Sex : 32 Year(s)/Male
UHID : NMHK.2200961	Order Date : 22/01/2022 14:03
Episode : OP	
Ref. Doctor : NMH	Mobile No : 9038064195
Address : 15A MADHAB CHATTERJEE LANE , BHAWANIPORE ,Kolkata,West Bengal ,700020	Facility : NARAYAN MEMORIAL HOSPITAL

Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0055512	Collection Date : 22/01/22 14:23	Ack Date :	Report Date : 23/01/22 13:32

KIDNEY FUNCTION TEST

SERUM CREATININE

SAMPLE : SERUM

SERUM CREATININE	0.8	mg/dl	0.7 - 1.2
<i>Jaffe Gen2 Compensated</i>			

BLOOD UREA NITROGEN

BLOOD UREA NITROGEN	09	mg/dl	6 - 20
<i>Calculated</i>			

URIC ACID

SAMPLE : SERUM

URIC ACID	7.8 ▲	mg/dl	3.4 - 7
<i>Enzymatic Colorimetric</i>			

LIVER FUNCTION TEST (LFT)

SAMPLE : SERUM

TOTAL BILIRUBIN	0.6	mg/dl	0 - 1.1
<i>Diazo Method</i>			

DIRECT BILIRUBIN	0.2	mg/dl	0 - 0.2
<i>Diazo Method</i>			

INDIRECT BILIRUBIN	0.4	mg/dl	0.2 - 0.9
<i>Calculated</i>			

SGPT (ALT)	55 ▲	U/L	0 - 34
<i>IFCC Without Pyridoxal Phosphate</i>			

SGOT (AST)	40 ▲	U/L	0 - 31
<i>IFCC Without Pyridoxal Phosphate</i>			

ALKALINE PHOSPHATASE	82	U/L	53 - 128
<i>IFCC</i>			

TOTAL PROTEIN	7.1	g/dl	6.4 - 8.2
<i>Biuret</i>			

ALBUMIN	4.9	gm/dl	3.5 - 5.2
<i>Bromocresol Green</i>			

GLOBULIN	2.2	g/dl	2 - 3.5
<i>Calculated</i>			

ALBUMIN:GLOBULIN	2.2	-	1.1 - 2.5
<i>Calculated</i>			

GGT	86 ▲	U/L	8 - 61
-----	------	-----	--------

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Debayan Mitra	Age/Sex : 32 Year(s)/Male
UHID : NMHK.2200961	Order Date : 22/01/2022 14:03
Episode : OP	Mobile No : 9038064195
Ref. Doctor : NMH	Facility : NARAYAN MEMORIAL HOSPITAL
Address : 15A MADHAB CHATTERJEE LANE , BHAWANIPURE ,Kolkata,West Bengal ,700020	

Enzymatic colorimetric assay

LIPID PROFILE

SAMPLE : SERUM

TOTAL CHOLESTEROL	227	mg/dl	Desirable <200 Borderline 200-239 High >=240
<i>CHOD-PAP</i>			
HDL CHOLESTEROL	41	mg/dl	40 - 60
<i>Homogenous Enzymatic Colorimetric</i>			
LDL CHOLESTEROL	157	mg/dl	Optimal < 100 Borderline 130
<i>Homogenous Enzymatic Colorimetric</i>			
VLDL	31.40 ▲	mg/dl	0 - 30
<i>CALCULATED</i>			
CHOLESTEROL-HDL RATIO	5.54	-	
LDL-HDL RATIO	3.83	-	
TRIGLYCERIDES	157	mg/dl	Desirable <150 Borderline 150 - 200 High >200

Enzymatic Colorimetric

Sample No : 07H0055512B Collection Date : 22/01/22 14:23 Ack Date : Report Date : 23/01/22 13:32

BLOOD SUGAR(F)

SAMPLE : PLASMA

BLOOD SUGAR FASTING	101	mg/dl	70 - 109
<i>Hexokinase</i>			

Sample No : 07H0055514B Collection Date : 22/01/22 14:30 Ack Date : Report Date : 23/01/22 13:32

BLOOD SUGAR(PP)

SAMPLE : PLASMA

BLOOD SUGAR PP	113	mg/dl	70 - 140
<i>Hexokinase</i>			

End of Report



Dr.S. Chatterjee
MD, MBBS, FAACC
 (CONSULTANT BIOCHEMIST)

Checked By

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Debayan Mitra	Age/Sex : 32 Year(s)/Male
UHID : NMHK.2200961	Order Date : 22/01/2022 14:03
Episode : OP	
Ref. Doctor : NMH	Mobile No : 9038064195
Address : 15A MADHAB CHATTERJEE LANE , BHAWANIPORE ,Kolkata,West Bengal ,700020	Facility : NARAYAN MEMORIAL HOSPITAL

Immunoassay

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0055512	Collection Date : 22/01/22 14:23	Ack Date :	Report Date : 23/01/22 19:58

THYROID FUNCTION TEST

SAMPLE : SERUM

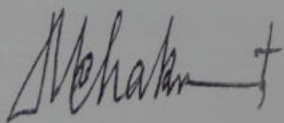
T3 ECLIA	1.27	ng/ml	0.6 - 1.8
T4 ECLIA	6.40	ug/dL	5.4 - 11.7
TSH ECLIA	0.53	uIU/ml	Adult Male – 0.27-5.50 Adult Female – 0.27-5.50 Newborns - <25 Upto 12 years – 0.3-5

ECLIA

Interpretations:

- For diagnostic purposes, the result should always be assessed in conjunction with the patient's medical history, clinical examinations and other findings.
- The assay is unaffected by icterus (Bilirubin < 701 µmol/L or < 41 mg/dL), hemolysis (Hb < 0.621 mmol/L or < 1 g/dL), lipemia (Intralipid < 1500 mg/dL), biotin (<102 nmol/L or < 25 ng/ml), IgG < 2 g/dL and IgM < 0.5 g/dL)
- There is no high dose hook effect at TSH concentrations upto 1000 µmol/ml.
- TSH values may be transiently altered because of non thyroidal illness like several infections, liver disease, renal and heart failure, several burns, trauma and surgery etc. Drugs that decrease TSH values e.g. L-dopa, Glucocorticoid drugs that increase TSH values e.g. Iodine, Lithium, Amiodarone.
- The assay is unaffected by icterus (bilirubin < 633 µmol/L or < 37 mg/dl), hemolysis (Hb < 1.4 mmol/L or < 2.3 g/dl), lipemia (triglycerides < 28.5 mmol/L or 2500 mg/dl) and biotin (< 409 nmol or < 100 ng/ml).
- The assay is unaffected by icterus (bilirubin < 599 µmol/L or < 35 mg/dl), hemolysis (Hb < 1.2 mmol/L or < 2.0 g/dl), lipemia (Intralipid < 1800 mg/dl) and biotin (< 123 nmol or < 30 ng/ml).

End of Report



Dr. MAINAK CHAKRABORTY
MBBS, MD(PATH)
(CONSULTANT PATHOLOGIST)

Checked By



LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Debayan Mitra
UHID : NMHK.2200961
Episode : OP
Ref. Doctor : NMH
Address : 15A MADHAB CHATTERJEE LANE ,
 BHAWANIPORE ,Kolkata,West Bengal ,700020

Age/Sex : 32 Year(s)/Male
Order Date : 22/01/2022 14:03
Mobile No : 9038064195
Facility : NARAYAN MEMORIAL HOSPITAL

Hematology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0055512	Collection Date : 22/01/22 14:23	Ack Date :	Report Date : 23/01/22 19:58

COMPLETE HAEMOGRAM (CBC)

SAMPLE : EDTA BLOOD

HAEMOGLOBIN (HB) <i>Colorimetric method (Cyn Meth)</i>	15.9	gm/dl	13 - 17
RBC COUNT <i>Electrical Impedance Method</i>	4.99	$\times 10^6/\mu\text{l}$	4.5 - 5.5
TOTAL WBC COUNT <i>Electrical Impedance Method</i>	5.0	$10^3/\text{cmm}$	4 - 10
PLATELET COUNT <i>Electrical Impedance Method</i>	240	$10^3/\text{cmm}$	150 - 410
PCV <i>RBC pulse ht. detection method</i>	48	%	40 - 50
MCV <i>calculated</i>	95	fL	83 - 101
MCH <i>Calculated</i>	32	Pg	27 - 32
MCHC <i>Calculated</i>	33	gm/dl	31.5 - 34.5
ESR <i>Modified Westergren Method</i>	10	%	0 - 10
DIFFERENTIAL COUNT			
NEUTROPHILS <i>Microscopy</i>	65	%	40 - 80
LYMPHOCYTES <i>Microscopy</i>	31	%	20 - 40
MONOCYTES <i>Microscopy</i>	02	%	2 - 10
EOSINOPHILS <i>Microscopy</i>	02 ▼	%	1 - 6
BASOPHILS <i>Microscopy</i>	00	%	0 - 2

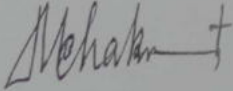
PERIPHERAL BLOOD SMEAR

RBC : Normocytic normochromic.
 WBC : Within normal limits
 PLATELET : Adequate

LABORATORY INVESTIGATION REPORT

Patient Name	: Mr. Debayan Mitra	Age/Sex	: 32 Year(s)/Male
UHID	: NMHK.2200961	Order Date	: 22/01/2022 14:03
Episode	: OP	Mobile No	: 9038064195
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 15A MADHAB CHATTERJEE LANE , BHAWANIPORE ,Kolkata,West Bengal ,700020		

End of Report



Dr. MAINAK CHAKRABORTY
MBBS, MD(PATH)
(CONSULTANT PATHOLOGIST)

Checked By



LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Debayan Mitra	Age/Sex : 32 Year(s)/Male
UHID : NMHK.2200961	Order Date : 22/01/2022 14:03
Episode : OP	Mobile No : 9038064195
Ref. Doctor : NMH	Facility : NARAYAN MEMORIAL HOSPITAL
Address : 15A MADHAB CHATTERJEE LANE , BHAWANIPORE ,Kolkata,West Bengal ,700020	

Clinical Pathology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0055512	Collection Date : 22/01/22 14:23	Ack Date :	Report Date : 23/01/22 19:59

URINE FOR R/E

SAMPLE : URINE

PHYSICAL EXAMINATION

VOLUME	60	ml	
COLOUR	PALE STRAW		
APPEARANCE	CLEAR		
SPECIFIC GRAVITY	1.005		
REACTION(pH)	ACIDIC 6.0		1.010 - 1.030

CHEMICAL EXAMINATION

SUGAR	ABSENT		
ALBUMIN.	ABSENT		ABSENT
BLOOD	ABSENT		ABSENT
KETONE	ABSENT		ABSENT
BILE SALT	ABSENT		ABSENT
BILE PIGMENTS	ABSENT		ABSENT
			ABSENT

MICROSCOPIC EXAMINATION

PUS CELLS	3-4 / HPF		
EPITHELIAL CELLS	4-5 / HPF		<5/HPF
RBC	NIL		<20/HPF
CAST	ABSENT		
CRYSTAL	ABSENT		ABSENT
			ABSENT

Please correlate clinically.

End of Report

Dr. MAINAK CHAKRABORTY
MBBS, MD(PATH)
 (CONSULTANT PATHOLOGIST)

Checked By

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Debayan Mitra
UHID : NMHK.2200961
Episode : OP
Ref. Doctor : NMH
Address : 15A MADHAB CHATTERJEE LANE ,
 BHAWANIPORE ,Kolkata,West Bengal ,700020

Age/Sex : 32 Year(s)/Male
Order Date : 22/01/2022 14:03
Mobile No : 9038064195
Facility : NARAYAN MEMORIAL HOSPITAL

Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0055512A	Collection Date : 22/01/22 14:23	Ack Date :	Report Date : 23/01/22 20:22

GLYCOSYLATED HAEMOGLOBIN (HBA1C)

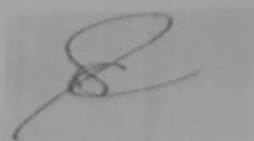
SAMPLE : EDTA BLOOD

HBA1C 5.5 % Non-diabetic : 4-6
 By HPLC

- HbA1c is used for monitoring diabetic control. It reflects the estimated average glucose.
- HbA1c has been endorsed by clinical group & American Diabetes Association guidelines 2017, for diagnosis of Diabetes using a cut-off point of 6.5%.
- Trends in HbA1c are a better indicator of diabetic control than a solitary test.
- Low HbA1c in a non-diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia (Specially in Severe iron deficiency anaemia and hemolytic), chronic renal failure and liver disease. Clinical correlation suggested.
- Interference of Haemoglobinopathies in HbA1c estimation.
 - For HbF > 25%, an alternate platform (fructosamine) is recommended for testing of HbA1c.
 - Homozygous hemoglobinopathy is detected, fructosamine is recommended for monitoring diabetic status.

Note: Hemoglobin electrophoresis (HPLC method) is recommended for detecting hemoglobinopathy.
 c) Heterozygous state detected (D10/turbo is corrected for HbS and HbC trait).
 6. For known diabetic patients, following values can be considered as a tool for monitoring the glycemc control:
 Excellent control:- 6 - 7%,
 Fair to good control:- 7 - 8%,
 Unsatisfactory control:- 8 - 10%
 Poor control >10%

End of Report



Dr.S. Chatterjee
MD, MBBS, FAACC
 (CONSULTANT BIOCHEMIST)

Checked By

patient report

22 CX MT bar

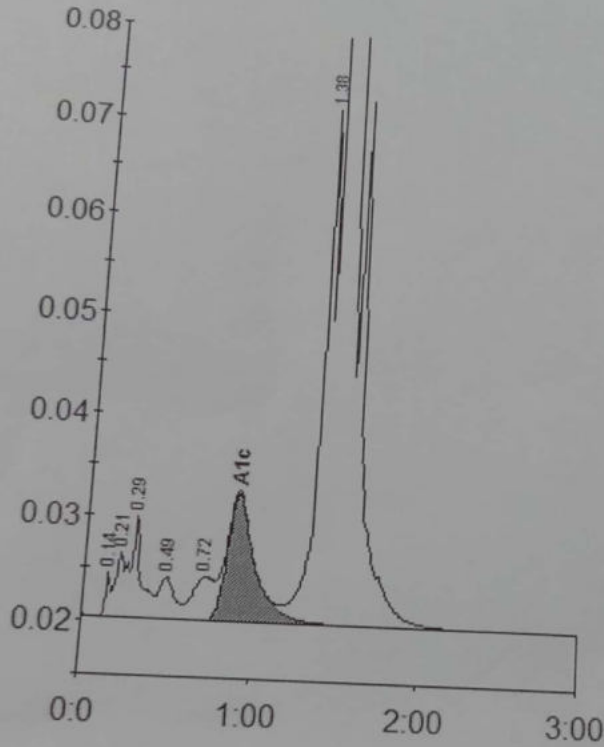
Bio-Rad
D-10
S/N: #DJ0A467747
Sample ID:
Injection date
Injection #: 3
Rack #: ---

DATE: 23/01/2022
TIME: 16:40
Software version: 4.30-2
07H0055512A
23/01/2022 16:23
Method: HbA1c
Rack position: 3

Mr. Debayan Mitra
(R)NMHK 2200961 32y/ m



07H0055512A
EDTA Wh 22-01 14 23



Peak table - ID: 07H0055512A

Peak	R.time	Height	Area	Area %
Unknown	0.14	4124	8043	0.2
Ala	0.21	6147	27461	0.8
Alb	0.29	9795	39053	1.1
F	0.49	3951	25513	0.7
LA1c/CHb-1	0.72	4191	34597	1.0
A1c	0.89	12439	140837	5.5
P3	1.38	51738	177192	5.1
A0	1.43	1004145	3010054	86.9
Total Area:		3462752		

Concentration:	%	mmol/mol
A1c	5.5	36

DIAGNOSTICS REPORT

Patient Name	: Mr. Debayan Mitra	Order Date	: 22/01/2022 14:03
Age/Sex	: 32 Year(s)/Male	Report Date	: 23/01/2022 11:29
UHID	: NMHK.2200961	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 15A MADHAB CHATTERJEE LANE, BHAWANIPORE,Kolkata, West Bengal, 700020	Mobile	: 9038064195

RADIOGRAPH CHEST (PA VIEW)

Soft tissues and bony cage of the thorax appear normal.
Trachea is central with normal para-tracheal shadows.
Mediastinum is central in position and width.
Cardiac silhouette appears normal in shape, size and position.
Lung fields are adequately aerated with no active pulmonary parenchymal pathology detected.
Both Hila are normal in position and density.
Domes of Diaphragm appear normal in position and contour bilaterally.
Both CP Angles appear clear.

IMPRESSION : NORMAL STUDY.

Suggest follow up, other investigations and clinical correlation.

Satyaswarup Jena

Dr.SATYASWARUP JENA, MD

CONSULTANT RADIOLOGIST

RegNo: Reg no. 17488/10

Behala Manton, 601 Diamond Harbour Road, Kolkata 700034
Ph : 033 6640 0000 | Mob : +91 62921 95051
E : contact@nmh.org.in

DIAGNOSTICS REPORT

Patient Name : Mr. Debayan Mitra
 Age/Sex : 32 Year(s)/Male
 UHID : NMHK.2200961
 Ref. Doctor : NMH

Order Date : 22/01/2022 14:03
 Report Date : 22/01/2022 17:45
 IP No :
 Facility : NARAYAN MEMORIAL HOSPITAL
 Mobile : 9038064195

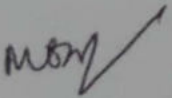
Address : 15A MADHAB CHATTERJEE LANE,
 BHAWANIPORE, Kolkata, West Bengal,
 700020

ELECTROCARDIOGRAM REPORT (ECG)

HR : 87 bpm
 Rhythm : Sinus
 P wave : Normal
 PR Interval : 152 msec
 QRS axis : Normal (43 Degree)
 QRS duration : 102 msec
 QRS configuration : Normal
 T wave : Non specific changes
 ST segment : Non specific changes
 QTc : 398 msec
 QT : 326 msec

IMPRESSION:

- Sinus rhythm. Normal QRS axis.
 - Non specific ST-T changes.
- Clinical correlation please.



Dr. MUNNA DAS, MD
 (MEDICINE), DM (CARDIOLOGY)

Consultant Cardiologist

RegNo: 55696

DEBRYAN HITRA

2200961

Male

32 years

kg

HR 87/min

Axis: 48°

SINUS RHYTHM
OTHERWISE NORMAL ECG

6.02

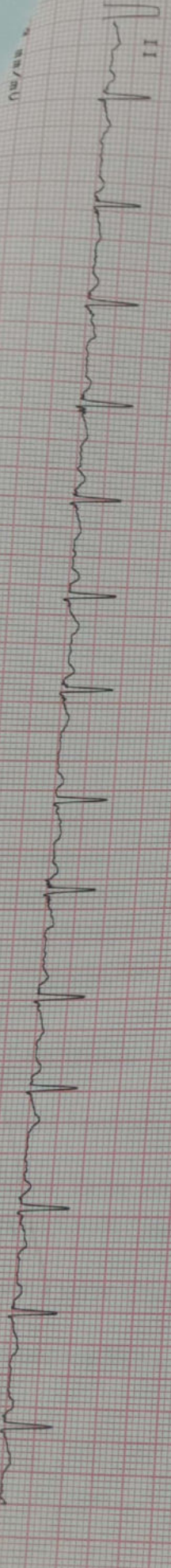
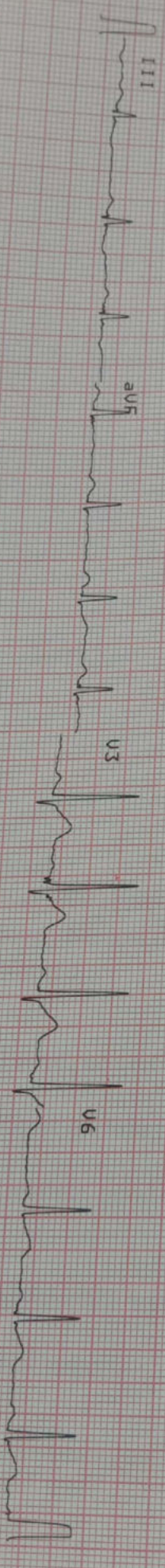
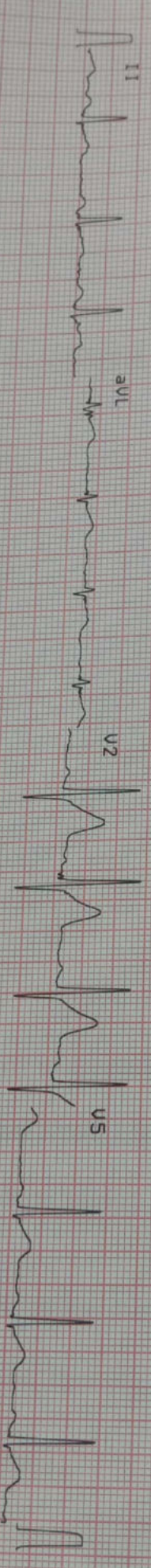
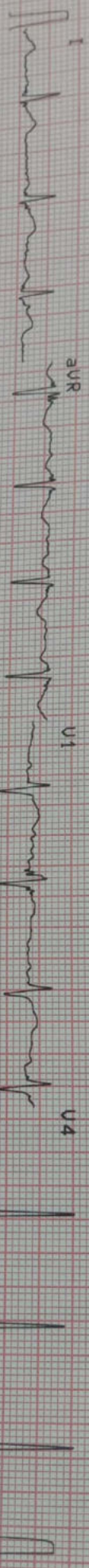
UNCONFIRMED REPORT

Intervals:
 RR 687 ms
 P 116 ms
 PR 152 ms
 QRS 102 ms
 QT 326 ms
 QTc 398 ms (Bazett)
 10 mm/mV

Axis:
 P 48°
 QRS 43°
 T 16°

P (II) 0.13 mV
 S (V1) -0.54 mV
 R (V5) 1.56 mV
 Sokol. 2.63 mV

10 mm/mV



0.05-25 Hz FS0 SSF SB5 22.01.2022 14:22:55

NARAYAN MEMORIAL

DIAGNOSTICS REPORT

Patient Name	: Mr. Debayan Mitra	Order Date	: 22/01/2022 14:03
Age/Sex	: 32 Year(s)/Male	Report Date	: 22/01/2022 16:32
UHID	: NMHK.2200961	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 15A MADHAB CHATTERJEE LANE, BHAWANIPORE, Kolkata, West Bengal, 700020	Mobile	: 9038064195

2D ECHOCARDIOGRAPHY WITH M-MODE

MEASUREMENTS

2D and M-Mode :

IVS (d)	11 mm	Aorta (at sinuses)	29 mm
LVID (d)	45 mm	LA diameter	33 mm
LVPW (d)	11 mm	RVID (d) - basal	16 mm
LVID (s)	26 mm	TAPSE	22 mm
LVEF	60%		

Estimated PASP = 20 mmHg

FINDINGS

Left Ventricle :

Cavity size : Normal.

Wall thickness : Normal.

Segmental wall motion : No abnormality found.

Global systolic function : Normal (EF = 60%)

Diastolic function : Normal

Left Atrium : Normal sized; no clot in body of appendage.

Right Ventricle and Right Atrium : Normal sized; normal RV systolic function.

Mitral Valve : Normal leaflets, good excursion, normal subvalvular apparatus. No regurgitation / No MS.

Aortic valve : Structurally normal, trileaflet, normal motion, no regurgitation.

Pulmonary Valve : Normal structure, adequate opening.

DIAGNOSTICS REPORT

Patient Name	: Mr. Debayan Mitra	Order Date	: 22/01/2022 14:03
Age/Sex	: 32 Year(s)/Male	Report Date	: 22/01/2022 16:32
UHID	: NMHK.2200961	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 15A MADHAB CHATTERJEE LANE, BHAWANIPORE, Kolkata, West Bengal, 700020	Mobile	: 9038064195

Tricuspid Valve :Normal structure, normal excursion. Trivial TR. TR gradient = 15 mmHg.

Interarterial and Interventricular Septum :No breach could be seen.

Aorta :Normal sized root and proximal aorta.

Pulmonary Artery :Normal, no pulmonary arterial hypertension.

Pericardium :Normal, no effusion.

Inferior Vena Cava :IVC normal diameter, > 50% respiratory variation.

Others :No thrombus, mass, vegetation seen.

IMPRESSION:

Status of Patient :

- * No regional wall motion abnormality at rest.
- * Good LV systolic function (EF = 60%).
- * Good RV systolic function (TAPSE = 22 mm).
- * Normal valve morphology.
- * Normal LV diastolic function.
- * No pericardial effusion.
- * No pulmonary arterial hypertension.

J. Banerjee

Dr.INDIRA BANERJEE ,
MD,DNB,MRCPCH (UK)

Board Certified Comprehensive
Echocardiographer (USA)

DIAGNOSTICS REPORT

Patient Name	: Mr. Debayan Mitra	Order Date	: 22/01/2022 14:03
Age/Sex	: 32 Year(s)/Male	Report Date	: 22/01/2022 14:15
UHID	: NMHK.2200961	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 15A MADHAB CHATTERJEE LANE, BHAWANIPORE, Kolkata, West Bengal, 700020	Mobile	: 9038064195

USG REPORT OF WHOLE ABDOMEN (SCREENING)

LIVER : Liver is enlarged in size. Parenchymal echogenicity is raised. Intrahepatic biliary radicles are not dilated. No focal mass lesion is seen.

PORTA :PV : Normal. PV measures 1.0 cm.

CD : Normal . CD measures 0.4 cm.

GALL BLADDER : Gall bladder is normal in size, contour, outline and position. No calculus is seen. Wall thickness is normal.

PANCREAS : Pancreas is normal in size and parenchymal echogenicity. Pancreatic duct is not dilated.

SPLEEN : Spleen is not enlarged and parenchyma shows normal homogeneous pattern.

KIDNEYS : Both kidneys are normal in size, shape, outline, position and parenchymal echogenicity. Corticomedullary differentiation maintained. No evidence of any calculus/mass / hydronephrosis is seen. Right kidney measures : 9.7 cm & Left kidney measures : 9.3 cm.

URINARY BLADDER : Urinary bladder is normal in contour, outline and distension. No vesical lesion is seen.

DIAGNOSTICS REPORT


Patient Name	: Mr. Debayan Mitra	Order Date	: 22/01/2022 14:03
Age/Sex	: 32 Year(s)/Male	Report Date	: 22/01/2022 14:15
UHID	: NMHK.2200961	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 15A MADHAB CHATTERJEE LANE, BHAWANIPORE, Kolkata, West Bengal, 700020	Mobile	: 9038064195

PROSTATE : Prostate is normal size, outline and echotexture appear normal. No focal lesion is seen. Prostate measures 2.8 cm x 2.6 cm x 3.1 cm. It weight approx 12 gm.

PERITONEUM : : No free fluid is noted.

RETROPERITONEUM : IVC and aorta appear normal. No lymphadenopathy is seen.

IMPRESSION : Hepatomegaly with diffuse fatty changes.



Dr. MADHUSHREE RAY NASKAR,
MBBS, DMRD

Consultant Radiologist

RegNo: 57032