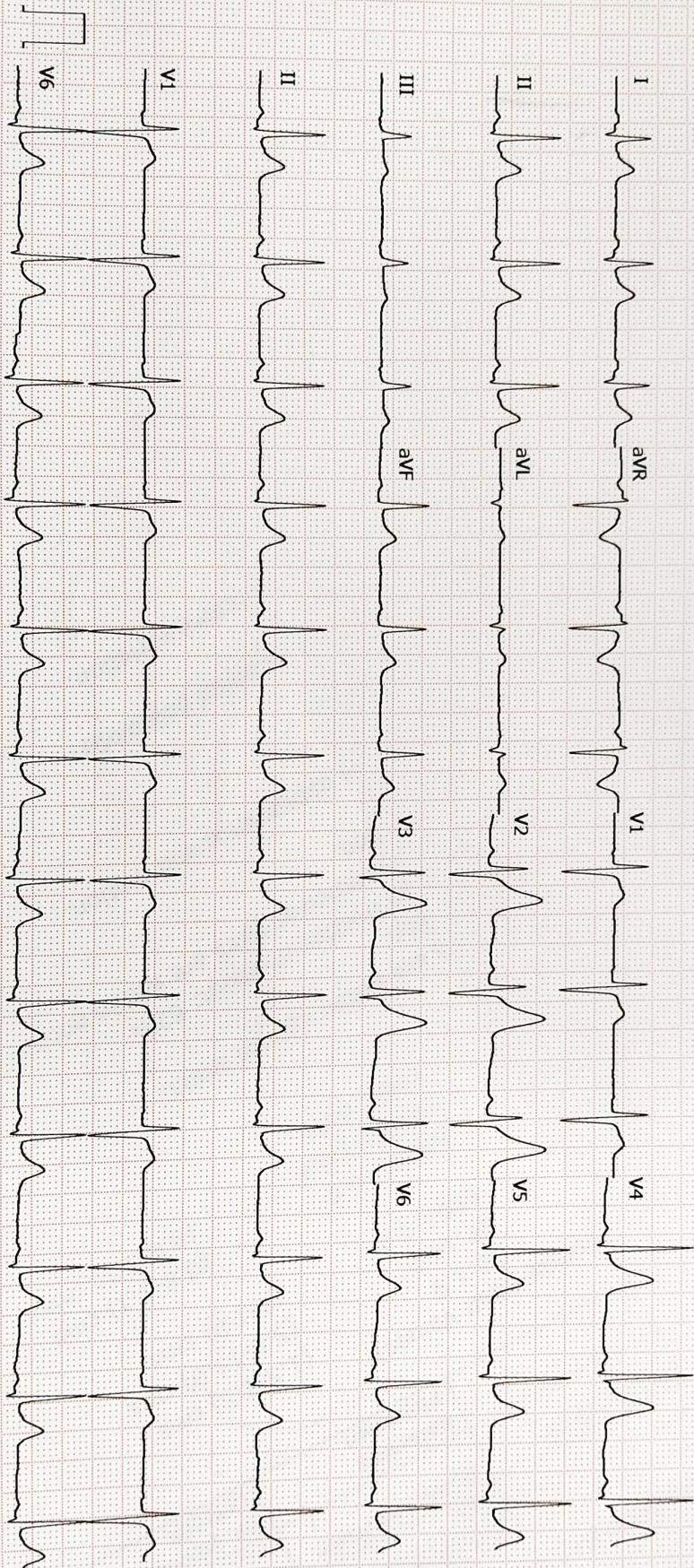


QRS : 80 ms  
QT / QTcBaz : 350 / 380 ms  
PR : 142 ms  
P : 88 ms  
RR / PP : 844 / 845 ms  
P / QRS / T : 28 / 61 / 43 degrees

✓ Normal sinus rhythm  
✓ Early repolarization  
✓ Normal ECG

*[Signature]*

Ref. Dr. mo  
Bed No: opd  
REPORT DR:



GE MAC2000 1.1 12SL™ V241 25 mm/s 10 mm/mV ADS 0.56-20 Hz 50 Hz 4x2.5x3\_25\_R3 1/1

*[Signature]*  
confirmed

THE CALCUTTA MEDICAL RESEARCH INSTITUTE  
7/2 DH ROAD  
KOLKATA

Station  
Telephone:

## EXERCISE STRESS TEST REPORT

**Patient Name:** DAS, MR. SUBHABRATA  
**Patient ID:** C0000470998  
**Height:** 163 cm  
**Weight:** 65.7 kg

**DOB:** 20.08.1983  
**Age:** 39yrs  
**Gender:** Male  
**Race:** Indian

**Study Date:** 22.07.2023  
**Test Type:** Treadmill Stress Test  
**Protocol:** BRUCE

**Referring Physician:** DR. M.O  
**Attending Physician:** DR. B. BHATTACHARJEE  
**Technician:** S.BERA

**Medications:**  
--

**Medical History:**  
HEALTH CHECK

**Reason for Exercise Test:**  
Screening for CAD

### Interpretation

**Summary:** Resting ECG: normal.  
**Functional Capacity:** normal.  
**HR Response to Exercise:** appropriate.  
**BP Response to Exercise:** normal resting BP - appropriate response.  
**Chest Pain:** none.  
**Arrhythmias:** none.  
**ST Changes:** none.  
**Overall impression:** Normal stress test.

The patient exercised according to the BRUCE for 5:15 min:s, achieving a work level of Max. METS: 7.00. The resting heart rate of 78 bpm rose to a maximal heart rate of 171 bpm. This value represents 94 % of the maximal, age-predicted heart rate. The resting blood pressure of 110/70 mmHg, rose to a maximum blood pressure of 140/80 mmHg. The exercise test was stopped due to Target heart rate achieved.

### Conclusions

**TMT is negative for provokable myocardial ischaemia.**

Physician

*Dr. Manoj Kumar*  
22/07/2023

## DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000470998	IP No.	OP-001
Name	Mr SUBHABRATA DAS	Age / Gender	39 Years 0 Months 3 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3207236149	Reported On	22/07/2023 14:11
Collected On	22/07/2023 09:58	Ward & Bed No	
Received On	22/07/2023 11:25		

### BIOCHEMISTRY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
Hb A1c Glycosylated Haemoglobin (HPLC method)	5.7	%	Poor Controlled >8.0 % Well Controlled >7.0 % Non Diabetic <6.0 %	

Note :

---- End of Report ----

**Dr. Susruta Sen**  
MD, DNB (Biochemistry)  
Lab Director

**Dr. Sumit Ghosh**  
MD (Pathology)  
Sr. Consultant Pathologist

  
**Dr. Minakshi Karmakar**  
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**Dr. Saikat Pal**  
DNB (Microbiology)  
Senior Resident Microbiology

**Dr. Nivedita Bhattacharjee**  
MD (Microbiology)  
Jr. Consultant Microbiologist

## DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000470998	IP No.	OP-001
Name	Mr SUBHABRATA DAS	Age / Gender	39 Years 0 Months 3 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	HEM22072300068	Reported On	22/07/2023 16:54
Collected On	22/07/2023 09:59	Ward & Bed No	
Received On	22/07/2023 11:25		

### HEMATOLOGY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
BLOOD Group RH (Anti D) (Gel Agglutination (Forward & Reverse))	" A " POSITIVE		-	

Note :

---- End of Report ----

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*Ashik Mullik*  
Dr. Ashik Mullik  
MD (Pathology)  
Senior Resident Pathology

## DEPARTMENT OF PATHOLOGY ALLIED SERVICES

<b>MRNO</b>	C0000470998	<b>IP No.</b>	OP-001
<b>Name</b>	Mr SUBHABRATA DAS	<b>Age / Gender</b>	39 Years 0 Months 3 Days / MALE
<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	HEM22072300067	<b>Reported On</b>	22/07/2023 14:57
<b>Collected On</b>	22/07/2023 09:58	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	22/07/2023 11:25		

### HEMATOLOGY

**Sample Type** Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
<b>COMPLETE HAEMOGRAM / C.B.C</b>				
Haemoglobin <i>((Electronic Impedance ))</i>	<b>13.4</b>	gm/dL	12.0-17.0	
R B C - Total <i>(Electronic Impedance/Microscopy)</i>	<b>4.82</b>	10 <sup>6</sup> / mL	3.8-5.5	
TOTAL WBC COUNT <i>(Electronic Impedance)</i>	<b>4200.0</b>	/Cumm	4000.0-10000.0	
NEUTROPHILS <i>(Electronic Impedance/Microscopy)</i>	<b>57</b>	%	40.0-75.0	
EOSINOPHILS <i>(Electronic Impedance/Microscopy)</i>	<b>02</b>	%	1.0-6.0	
BASOPHILS <i>(Electronic Impedance/Microscopy)</i>	<b>00</b>		-	
LYMPHOCYTES <i>(Electronic Impedance/Microscopy)</i>	<b>38</b>	%	20.0-40.0	
MONOCYTES <i>(Electronic Impedance/Microscopy)</i>	<b>03</b>	%	2.0-10.0	
OTHER <i>(Electronic Impedance / Microscopy)</i>	<b>00</b>		-	
E S R ( Method - Westergren ) <i>(Westergren Method)</i>	<b>26</b>		-	
RDW <i>(Calculated)</i>	<b>15.7</b>	%	11.0-14.5	High
M C H <i>(Calculated)</i>	<b>27.8</b>	pg/mL	27.0-32.0	
M C H C <i>(Calculated)</i>	<b>33.9</b>	gm/dL	31.5-34.5	
M C V <i>(Electronic Impedance)</i>	<b>82</b>	fL	83.0-101.0	Low
P C V <i>(Calculated)</i>	<b>39.4</b>	%	37.0-47.0	
Peripheral Blood Smear (Morphology) <i>(Leishman Stain &amp; Microscopy)</i>	<b>RBC: Normochromic normocytic. WBC: Normal morphology. Platelet: Adequate.</b>		-	
Platelet Count <i>(Electronic Impedance /Microscopy)</i>	<b>150</b>	10 <sup>3</sup> /μL	150.0-450.0	

**Note :**

---- End of Report ----

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*Ashik Mullik*  
Dr. Ashik Mullik  
MD (Pathology)  
Senior Resident Pathology

## DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000470998	IP No.	OP-001
Name	Mr SUBHABRATA DAS	Age / Gender	39 Years 0 Months 3 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3207236150	Reported On	22/07/2023 14:23
Collected On	22/07/2023 09:58	Ward & Bed No	
Received On	22/07/2023 11:25		

### BIOCHEMISTRY

Sample Type Plasma


Parameter	Result	Units	Biological Reference Interval	Flag
Sugar F ( Blood ) (Hexokinase)	96.0	mg/dL	74.0-106.0	

Note :

---- End of Report ----

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## DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000470998	IP No.	OP-001
Name	Mr SUBHABRATA DAS	Age / Gender	39 Years 0 Months 3 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3207236244	Reported On	22/07/2023 15:30
Collected On	22/07/2023 13:16	Ward & Bed No	
Received On	22/07/2023 13:51		

### BIOCHEMISTRY

Sample Type Plasma


Parameter	Result	Units	Biological Reference Interval	Flag
Sugar P P (Blood) (Hexokinase)	91.0	mg/dL	70.0-140.0	

Note :

---- End of Report ----

**Dr. Susruta Sen**  
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**Dr. Nivedita Bhattacharjee**  
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## DEPARTMENT OF PATHOLOGY ALLIED SERVICES

<b>MRNO</b>	C0000470998	<b>IP No.</b>	OP-001
<b>Name</b>	Mr SUBHABRATA DAS	<b>Age / Gender</b>	39 Years 0 Months 3 Days / MALE
<b>Doctor</b>	DR. MEDICAL OFFICER	<b>Doctor's Speciality</b>	MEDICAL OFFICER
<b>Sample No</b>	3207236148	<b>Reported On</b>	22/07/2023 14:27
<b>Collected On</b>	22/07/2023 09:58	<b>Ward &amp; Bed No</b>	
<b>Received On</b>	22/07/2023 11:25		

### BIOCHEMISTRY

**Sample Type** Serum

Parameter	Result	Units	Biological Reference Interval	Flag
Creatinine (Serum) <i>(Modified Jaffe Kinetic Method)</i>	<b>0.77</b>	mg/dL	0.7-1.3	
<b>LIPID PROFILE</b>				
Cholesterol Total <i>(CHOD PAP)</i>	<b>258.0</b>	mg/dL	125.0-200.0	High
Triglycerides <i>(Enzymatic (with peroxidase))</i>	<b>94.0</b>	mg/dL	0.0-150.0	
HDL Cholesterol <i>(Direct measure, Immuno inhibition)</i>	<b>64.0</b>	mg/dL	30.0-50.0	High
LDL Cholesterol <i>(Calculated)</i>	<b>175.0</b>	mg/dL	0.0-100.0	High
VLDL Cholesterol <i>(Calculated)</i>	<b>19.0</b>	mg/dL	10.0-30.0	
<b>LIVER FUNCTION TEST</b>				
Bilirubin Total <i>(Jendrassik DPD)</i>	<b>0.4</b>	mg/dL	0.2-1.0	
Bilirubin Direct <i>(Jendrassik DPD)</i>	<b>0.1</b>	mg/dL	0.1-1.2	
A L P <i>(IFCC With AMP)</i>	<b>90.0</b>	U/L	46.0-116.0	
S G O T <i>(IFCC With P5P)</i>	<b>19.0</b>	U/L	15.0-37.0	
S G P T <i>(IFCC With P5P)</i>	<b>22.0</b>	U/L	16.0-63.0	
G.G.T. <i>(IFCC GCNA)</i>	<b>14.0</b>	U/L	15.0-85.0	Low
Protein Total <i>(Biuret (Pyrogallol red Molybdate))</i>	<b>7.34</b>	gm/dL	6.3-8.2	
Albumin <i>(Bromocresol Purple)</i>	<b>4.60</b>	g/dL	3.5-5.0	
Globulin <i>(Calculated)</i>	<b>2.74</b>	gm/dL	1.8-3.6	
A : G <i>(Calculated)</i>	<b>1.68</b>	N/A	-	
<b>PROTEIN TOTAL</b>				
Protein Total ( Method - Biuret )	<b>7.34</b>	gm/dL	6.3-8.2	
Albumin ( Method - BCG Dye Binding )	<b>4.6</b>	g/dL	3.5-5.0	
Globulin ( Method -Derived )	<b>2.74</b>	gm/dL	1.8-3.6	
A : G	<b>1.68</b>		-	
<b>T3 T4 TSH</b>				
T3 <i>(ECLIA)</i>	<b>1.33</b>		0.8-2.0 ng/mL	
T4 <i>(ECLIA)</i>	<b>9.32</b>		5.1-14.1 µg/dL	
TSH ( 3rd Generation) <i>(ECLIA)</i>	<b>2.52</b>		0.27-4.2 µIU/mL	
URIC ACID <i>(Uricase Method)</i>	<b>7.4</b>	mg/dL	3.5-8.5	
Urea (Blood) <i>(Urease method)</i>	<b>22.0</b>	mg/dL	15.0-38.66	



## DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000470998	IP No.	OP-001
Name	Mr SUBHABRATA DAS	Age / Gender	39 Years 0 Months 3 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3207236148	Reported On	22/07/2023 14:27
Collected On	22/07/2023 09:58	Ward & Bed No	
Received On	22/07/2023 11:25		

### BIOCHEMISTRY

Sample Type Serum

Parameter	Result	Units	Biological Reference Interval	Flag
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Note :

---- End of Report ----

**Dr. Susruta Sen**  
MD, DNB (Biochemistry)  
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MD (Microbiology)  
Jr. Consultant Microbiologist

## DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000470998	IP No.	OP-001
Name	Mr SUBHABRATA DAS	Age / Gender	39 Years 0 Months 3 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3507231176	Reported On	22/07/2023 17:20
Collected On	22/07/2023 10:17	Ward & Bed No	
Received On	22/07/2023 13:38		

### CLINICAL PATHOLOGY

Sample Type Urine

Parameter	Result	Units	Biological Reference Interval	Flag
URINE ROUTINE (Physical, Chemical and Microscopic study)				
Quantity	40ML		-	
Colour	PALE STRAW		-	
Appearance	CLEAR		-	
Deposit	NIL		-	
Specific Gravity	1.005	--	1.003-1.033	
Albumin	NIL		-	
REACTION/ph	5.5	--	5.0-7.5	
Sugar	NIL		-	
Ketone Bodies	NIL		-	
Bilirubin	NIL		-	
Bile Salts	NIL		-	
Urobilinogen	NORMAL		-	
Chyle	-		-	
Blood	NIL		-	
RBC	NIL		-	
W B C	1-2/HPF		-	
Casts	NIL		-	
Crystals	NIL		-	
Macrophages	NIL		-	
Epithelial Cells	NIL		-	
Fat Droplets	NIL		-	
Parasite	NOT FOUND		-	

Note :

---- End of Report ----

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Dr. Ashik Mullik  
MD (Pathology)  
Senior Resident Pathology

<b>Patient ID</b>	C0000470998	<b>Patient Name</b>	SUBHABRATA DAS
<b>Gender</b>	Male	<b>Age</b>	39Y
<b>Procedure Name</b>	USG - WHOLE ABDOMEN	<b>Study DateTime</b>	2023-07-22 10:33:20
<b>Study Type</b>	US	<b>Referring Physician</b>	DR. MEDICAL OFFICER

### USG OF WHOLE ABDOMEN

Liver : is normal in size and parenchymal echotexture. PV & CBD are normal. Intrahepatic biliary radicles are not dilated.

Gall bladder : is normal size, contour, outline and position. Wall thickness is normal. Tiny echogenic foci with dirty shadowing is noted on the wall. Lumen is clear. No calculus is seen.

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

Spleen : is not enlarged and parenchyma shows normal homogeneous pattern.  
Spleen measures 74.2 mm.

Kidneys : are normal in size, shape, outline, position and parenchymal echogenicity. No evidence of any calculus / mass / hydronephrosis is seen.

Right kidney measures : 101.9 mm. Left kidney measures : 96.7 mm.

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

Prostate : is normal in size and parenchymal echogenecity.  
Size 29.0 x 43.0 x 31.0 mm and weight 20 gms.

### **IMPRESSION : Cholesterosis of gall bladder.**

However, clinical correlation / relevant investigations are suggested for further evaluation.



**Dr. Shilpi Pandey**  
MBBS, CBET  
Sonologist

## ECHOCARDIOGRAPHY

<b>Patient ID</b>	C0000470998	<b>Patient Name</b>	SUBHABRATA DAS
<b>Gender</b>	Male	<b>Age</b>	39Y
<b>Procedure Name</b>	2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER	<b>Study DateTime</b>	2023-07-22 10:17:50
<b>Study Type</b>	US	<b>Referring Physician</b>	DR. MEDICAL OFFICER

### DIMENSIONS:

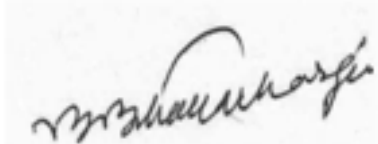
(Figures in the bracket in indicate the normal adult Values)

AoD:2.8	(2.0.-4.0) cms	DE:1.9	(1.5-2.5) cms
AoEX:1.5	(1.2-2.5) cms	EF:14.2	(5.0-15.0) cms
LA:3.5	(2.0-4.0) cms	EPSS:0.2	(0-1.0) cms
LVIDd: 4.2	(3.5-5.6) cms	IVS(d):.0.9	(0.6-1.1) cms
LVIDs: 2.7	(2.4-4.2) cms	LVPW(d):0.9	(0.6-1.1) cms
RV (d): 1.1	(0.6-2.3) cms	LVEF: 62%	

### FINDINGS:

- Left ventricle shows:
  - The cavity size and wall thickness are within normal limits.
  - No regional wall motion abnormality.
  - Good systolic function with ejection fraction of about: 62%
- Left atrium , right atrium and right ventricular sizes are within normal limits. Good right ventricular systolic function.
- All four cardiac valves are normal in appearance and motion.
- No pulmonary arterial hypertension.
- No intra-cardiac shunt/mass. No pericardial pathology.
- IVC normal in size with normal respiratory variation.

**Please correlate clinically.**



**Dr. Bikash Bhattacharjee**  
**(MBBS, MD)**  
**REG NO - 37563 (WBMC)**

<b>Patient ID</b>	C0000470998	<b>Patient Name</b>	SUBHABRATA DAS
<b>Gender</b>	Male	<b>Age</b>	39Y
<b>Procedure Name</b>	DX Scan	<b>Study DateTime</b>	2023-07-22 10:25:00
<b>Study Type</b>	DX	<b>Referring Physician</b>	DR. MEDICAL OFFICER

**X-RAY - Chest PA view :**

Lung fields are clear.

Both hila are normal.

Both costophrenic angles are clear.

Cardiac shadow is within normal limit.

However, clinical correlation / relevant investigations are suggested for more information.



**Dr. V. C. Kuruvilla**  
DMRD, MD  
Radiologist