

THE CALCUTTA MEDICAL RESEARCH INSTITUTE
7/2 DH ROAD
KOLKATA

Station
Telephone:

EXERCISE STRESS TEST REPORT

Patient Name: DAS, RICK
Patient ID: 505591
Height: 113 cm
Weight: 169 kg

DOB: 13.11.1987
Age: 36yrs
Gender: Male
Race: Indian

Study Date: 10.02.2024
Test Type: Treadmill Stress Test
Protocol: BRUCE

Referring Physician: DR. M.O
Attending Physician: DR. B. BHATTACHARJEE
Technician: T.SINHA ROY

Medications:
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Medical History:
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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 6:40 min:s, achieving a work level of Max. METS: 9.00. The resting heart rate of 75 bpm rose to a maximal heart rate of 187 bpm. This value represents 101 % of the maximal, age-predicted heart rate. The resting blood pressure of 130/70 mmHg, rose to a maximum blood pressure of 160/90 mmHg. The exercise test was stopped due to Target heart rate achieved.

Conclusions

TMT is negative for provokable myocardial ischemia.

Physician *B. Bhattacharjee*

Male

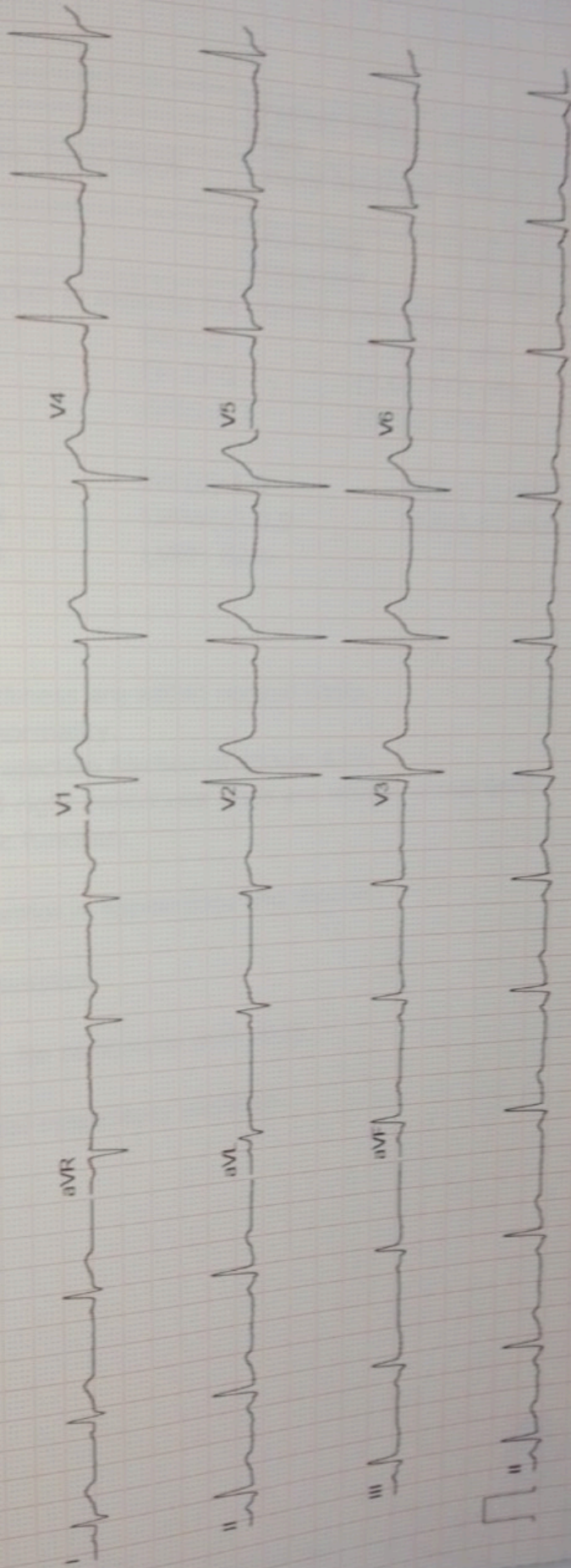
QRS : 100 ms
 QT / QTcBaz : 370 / 396 ms
 PR : 140 ms
 P : 106 ms
 RR / pp : 866 / 869 ms
 P / QRS / T : 45 / 66 / 37 degrees

Normal sinus rhythm with sinus arrhythmia

Normal ECG

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Ref. Dr. MO
Bed No. HUC
REPORT DR



GE MAC2000 1 1 12SL™ v241

25 mm/s 10 mm/mV

ADS 0.56-20 Hz

50 Hz

4x2 5x3 25_R1

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confirmed

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000505591	IP No.	OP-001
Name	Mr RICK DAS	Age / Gender	36 Years 3 Months 2 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3202242693	Reported On	10/02/2024 13:13
Collected On	10/02/2024 09:16	Ward & Bed No	
Received On	10/02/2024 10:28		

BIOCHEMISTRY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
Hb A1c Glycosylated Haemoglobin (HPLC method)	5.5	%	Poor Controlled >8.0 % Well Controlled >7.0 % Non Diabetic <6.0 %	

Note :

---- End of Report ----


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 MD, DNB (Biochemistry)
 Lab Director

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 Consultant Pathologist

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Dr. Saikat Pal
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 Senior Resident Microbiology

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

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MRNO	C0000505591	IP No.	OP-001
Name	Mr RICK DAS	Age / Gender	36 Years 3 Months 2 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	HEM10022400061	Reported On	10/02/2024 13:46
Collected On	10/02/2024 09:16	Ward & Bed No	
Received On	10/02/2024 10:28		

HEMATOLOGY

Sample Type Whole Blood

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

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MRNO	C0000505591	IP No.	OP-001
Name	Mr RICK DAS	Age / Gender	36 Years 3 Months 2 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	HEM10022400060	Reported On	10/02/2024 12:55
Collected On	10/02/2024 09:16	Ward & Bed No	
Received On	10/02/2024 10:28		

HEMATOLOGY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
COMPLETE HAEMOGRAM / C.B.C				
Haemoglobin <i>((Electronic Impedance))</i>	14.9	gm/dL	12.0-17.0	
R B C - Total <i>(Electronic Impedance/Microscopy)</i>	5.38	10 ⁶ / mL	3.8-5.5	
TOTAL WBC COUNT <i>(Electronic Impedance)</i>	10700.0	/Cumm	4000.0-10000.0	High
NEUTROPHILS <i>(Electronic Impedance/Microscopy)</i>	67	%	40.0-75.0	
EOSINOPHILS <i>(Electronic Impedance/Microscopy)</i>	03	%	1.0-6.0	
BASOPHILS <i>(Electronic Impedance/Microscopy)</i>	00		-	
LYMPHOCYTES <i>(Electronic Impedance/Microscopy)</i>	29	%	20.0-40.0	
MONOCYTES <i>(Electronic Impedance/Microscopy)</i>	01	%	2.0-10.0	Low
OTHER <i>(Electronic Impedance / Microscopy)</i>	00		-	
E S R (Method - Westergren) <i>(Westergren Method)</i>	15		-	
RDW <i>(Calculated)</i>	15.1	%	11.0-14.5	High
M C H <i>(Calculated)</i>	27.6	pg/mL	27.0-32.0	
M C H C <i>(Calculated)</i>	32.7	gm/dL	31.5-34.5	
M C V <i>(Electronic Impedance)</i>	85	fL	83.0-101.0	
P C V <i>(Calculated)</i>	45.5	%	37.0-47.0	
Peripheral Blood Smear (Morphology) <i>(Leishman Stain & Microscopy)</i>	RBC: Normochromic normocytic. WBC: Normal morphology. Platelets: Adequate.		-	
Platelet Count <i>(Electronic Impedance /Microscopy)</i>	210	10 ³ /μL	150.0-450.0	

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Name	Mr RICK DAS	Age / Gender	36 Years 3 Months 2 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	HEM10022400060	Reported On	10/02/2024 12:55
Collected On	10/02/2024 09:16	Ward & Bed No	
Received On	10/02/2024 10:28		

HEMATOLOGY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
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Name	Mr RICK DAS	Age / Gender	36 Years 3 Months 2 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3202242694	Reported On	10/02/2024 11:36
Collected On	10/02/2024 09:16	Ward & Bed No	
Received On	10/02/2024 10:28		

BIOCHEMISTRY

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar F (Blood) (Hexokinase)	95.0	mg/dL	74.0-106.0	

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MRNO	C0000505591	IP No.	OP-001
Name	Mr RICK DAS	Age / Gender	36 Years 3 Months 2 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3202242791	Reported On	11/02/2024 12:30
Collected On	10/02/2024 12:33	Ward & Bed No	
Received On	10/02/2024 13:05		

BIOCHEMISTRY

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar P P (Blood) (Hexokinase)	95.0	mg/dL	70.0-140.0	

Note :

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MRNO	C0000505591	IP No.	OP-001
Name	Mr RICK DAS	Age / Gender	36 Years 3 Months 2 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3502240513	Reported On	10/02/2024 13:59
Collected On	10/02/2024 10:53	Ward & Bed No	
Received On	10/02/2024 11:26		

CLINICAL PATHOLOGY

Sample Type Urine

Parameter	Result	Units	Biological Reference Interval	Flag
URINE ROUTINE (Physical, Chemical and Microscopic study)				
Quantity	30ML		-	
Colour	PALE STRAW		-	
Appearance	CLEAR		-	
Deposit	NIL		-	
Specific Gravity	1.005	--	1.003-1.033	
Albumin	NIL		-	
REACTION/ph	6.0	--	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 :

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Patient ID	C0000505591	Patient Name	RICK DAS
Gender	Male	Age	36Y 2M
Procedure Name	USG - WHOLE ABDOMEN	Study DateTime	2024-02-10 10:01:35
Study Type	US	Referring Physician	DR. MEDICAL OFFICER

USG OF WHOLE ABDOMEN

Liver : is enlarged in size (166 mm) with increased parenchymal echogenicity. PV & CBD are normal. Intrahepatic biliary radicles are not dilated.

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

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

Spleen : is not enlarged and parenchyma shows normal homogeneous pattern.
Spleen measures 92 mm.

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

Right kidney measures : 114 mm.

Left kidney : is relatively small in size with normal cortical echogenicity and maintained corticomedullary differentiation. No evidence of any calculus / mass / hydronephrosis is seen.

Left kidney measures : 77 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 echogenicity.

Volume : 22 cc.

Bowel loops are obscured by gases.

Cont.....

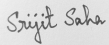
Patient ID	C0000505591	Patient Name	RICK DAS
Gender	Male	Age	36Y 2M
Procedure Name	USG - WHOLE ABDOMEN	Study DateTime	2024-02-10 10:01:35
Study Type	US	Referring Physician	DR. MEDICAL OFFICER

IMPRESSION :

*** Hepatomegaly with grade II fatty liver.**

*** Relatively small left kidney.**

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



Dr. Srijit Saha
M.B.B.S , M.D , D.N.B
Radiologist

Patient ID	C0000505591	Patient Name	RICK DAS
Gender	Male	Age	36Y 2M
Procedure Name	2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER	Study DateTime	2024-02-10 11:19:20
Study Type	US	Referring Physician	DR. MEDICAL OFFICER

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

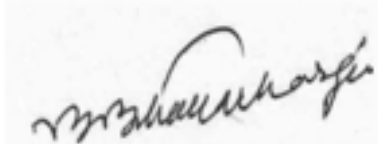
AoD:3.0	(2.0.-4.0) cms	DE:1.6	(1.5-2.5) cms
AoEX:1.6	(1.2-2.5) cms	EF:12.0	(5.0-15.0) cms
LA:3.4	(2.0-4.0) cms	EPSS:0.7	(0-1.0) cms
LVIDd: 5.4	(3.5-5.6) cms	IVS(d):1.0	(0.6-1.1) cms
LVIDs: 3.1	(2.4-4.2) cms	LVPW(d):0.9	(0.6-1.1) cms
RV (d): 1.2	(0.6-2.3) cms	LVEF: 62%	

Other MV flow E/A: 1.5

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.



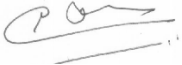
Dr. Bikash Bhattacharjee
(MBBS, MD)
REG NO - 37563 (WBMC)

Patient ID	C0000505591	Patient Name	RICK DAS
Gender	Male	Age	36Y 2M
Procedure Name	DX Scan	Study DateTime	2024-02-10 09:20:00
Study Type	DX	Referring Physician	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
