

**DATE: 29.03.2024**

**ADD ROLL: 01977**

**TO WHOM IT MAY CONCERN**

THIS IS TO CERTIFY THAT HE **MR. MAHIRUL ISLAM MAFI**, AGE-18 YRS, CAME FOR MEDICAL CHECK-UP FROM INTERNATIONAL MARITIME ACADEMY (IMA). ON PHYSICAL EXAMINATION AND SOME RELEVANT INVESTIGATIONS HE IS PHYSICALLY AND MENTALLY FIT TO CONTINUE HIS ACADEMIC LIFE.

THIS IS FOR YOUR KIND INFORMATION AND TAKE NECESSARY ACTION PLEASE.



**Dr. Mir Md. Raihan**

MBBS, (DU) DFM, CCD (Birdem), PGT (Ophth)

Reg- A55144 BGD-016 (MMC)

**DG Shipping Bangladesh Approved**

**Malaysian Medical Council Approved**

General Physician

Radical Hospitals Limited

ID NO : 24030761

Date : 27/03/2024

Patient's Name : MAHIRUL ISLAM MAFI

Age : 18Y 7M 1D

Ref. By : DR.MIR MD.RAIHAN MBBS,(DU),CCD(BIRDEM),PGT(EYE),DFM-AD ROLL 01977 Sex : Male

Specimen : Blood

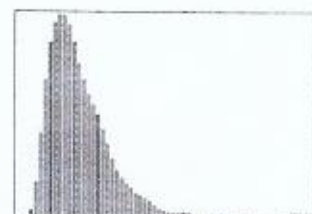
(Relevant estimations were carried out by KT-44 Haematology Analyzer with checked manually)

### HAEMATOLOGY REPORT

| Parameter                          | Results        | Reference Values                  | Histogram                               |
|------------------------------------|----------------|-----------------------------------|-----------------------------------------|
| <b>Haemoglobin(Hb)</b>             | <b>15.6</b>    | <b>g/dl</b>                       | M:12-16, F:10-14.0 g/dl                 |
| <b>ESR(Westergren)</b>             | <b>07</b>      | <b>mm/1st hr</b>                  | M:0-10, F:0-20 mm/1st hr                |
| <b>TOTAL WBC COUNT</b>             | <b>10,100</b>  | <b>/cumm</b>                      | 4,000 - 11,000 /cumm                    |
| <b>DIFFERENTIAL COUNT</b>          |                |                                   |                                         |
| Neutrophils                        | 71             | %                                 | (40 - 75)%                              |
| Lymphocytes                        | 22             | %                                 | (20-45)%                                |
| Monocytes                          | 04             | %                                 | (2-10)%                                 |
| Eosinophils                        | 03             | %                                 | (1-6)%                                  |
| Basophil                           | 00             | %                                 | 0-1 %                                   |
| <b>TOTAL CIR. EOSINOPHIL COUNT</b> | <b>303</b>     | <b>/cumm</b>                      | 40 - 450 /cumm                          |
| <b>TOTAL PLATELET COUNT(PC)</b>    | <b>285,000</b> | <b>/cumm</b>                      | 1,50,000-4,50,000 /cumm                 |
| MPV                                | 11             | fL                                | 7.0 -11.0 fL                            |
| PDW-CV                             | 16.6           | %                                 | 10 - 18 %                               |
| PCT                                | 0.31           | %                                 | 0.10 - 0.28                             |
| P-LCR                              | 34             | %                                 | 9.00 - 45.00%                           |
| P-LCC                              | 97             | $\times 10^3/\mu\text{L}$         | 13 - 129 $\times 10^3/\mu\text{L}$      |
| <b>RBC COUNT</b>                   | <b>6.09</b>    | <b>m/<math>\mu\text{L}</math></b> | M: 4.5-6.5, F: 3.8-5.8 m/ $\mu\text{L}$ |
| HCT/PCV                            | 50.8           | %                                 | M: 40-54%, F: 37-47%                    |
| MCV                                | 83.4           | fL                                | 76-94 fL                                |
| MCH                                | 25.6           | pg                                | 27-32 pg                                |
| MCHC                               | 30.7           | g/dL                              | 29-34 g/dL                              |
| RDW SD                             | 42             | fL                                | 30.0-57.0 fL                            |
| RDW CV                             | 15.1           | %                                 | 10-16%                                  |



WBC CURVE



PLT CURVE



RBC CURVE

Checked By:   
Medical Technologist.  
Radical Hospital Ltd.  
Uttara, Dhaka.

  
**Dr. Sumaiya Khatun**  
MBBS, MD (Gold Medilist) (BSMMU)  
Associate Professor  
Dept. Of Microbiology  
East West Medical College & Hospital.

|                |                                                       |               |            |
|----------------|-------------------------------------------------------|---------------|------------|
| Bill No        | DIA24030761                                           | Received Date | 27/03/2024 |
| Patient's Name | MAHIRUL ISLAM MAFI                                    |               |            |
| Patient's Age  | 18Y 7M 1D                                             | Patient's Sex | Male       |
| Ref. by        | Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM | AD ROLL       | 01977      |
| Sample         | BLOOD                                                 |               |            |

### BIOCHEMISTRY REPORT

| Test Name                | Result     | Reference Range  |
|--------------------------|------------|------------------|
| Random Blood Sugar (RBS) | 4.9 mmol/L | 4.2 – 6.4 mmol/L |
| Serum Creatinine         | 0.77 mg/dl | 0.3 - 1.3 mg/dl  |
| Serum Bilirubin (Total)  | 0.03 mg/dl | 0.2 - 1.1 mg/dl  |
| Serum AST (SGOT)         | 17.0 U/L   | Up to 37 U/L     |
| HbA1C                    | 5.0 %      | 4.0- 6.0 %       |

### REMARKS (IF ANY)

IN VIEW OF THE LIVER FUNCTION TEST RESULT, HIS BLOOD IS FREE FROM TOXIC EFFECT OF CHEMICALS.

Checked By

Medical Technologist,  
Radical Hospital Ltd.

  
**Dr. Sumaiya Khatun**  
MBBS, MD (Microbiology)  
Associate Professor  
Dept. of Microbiology  
East West Medical College and Hospital.



|                |                                                       |               |            |
|----------------|-------------------------------------------------------|---------------|------------|
| Bill No        | DIA24030761                                           | Received Date | 27/03/2024 |
| Patient's Name | MAHIRUL ISLAM MAFI                                    |               |            |
| Patient's Age  | 18Y 7M 1D                                             | Patient's Sex | Male       |
| Ref. by        | Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM | AD ROLL       | 01977      |
| Sample         | BLOOD                                                 |               |            |

## SEROLOGICAL REPORT

### Test Name

### Result

|                           |              |
|---------------------------|--------------|
| HBs Ag (Method : (ICT)    | Negative     |
| HIV 1 & 2 (Method : (ICT) | Negative     |
| VDRL                      | Non-reactive |
| TB (M.T.)                 | Negative     |

Checked By

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|                |                                                       |               |            |
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| Bill No        | DIA24030761                                           | Received Date | 27/03/2024 |
| Patient's Name | MAHIRUL ISLAM MAFI                                    |               |            |
| Patient's Age  | 18Y 7M 1D                                             | Patient's Sex | Male       |
| Ref. by        | Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM | AD ROLL       | 01977      |
| Sample         | URINE                                                 |               |            |

### DRUG ABUSE TEST

METHOD: Immunochromato graphic Assay (Rapid one Step Test)

| Test Name | Result |
|-----------|--------|
|-----------|--------|

Drug Level of Urine

|                 |          |
|-----------------|----------|
| Cocaine         | Negative |
| Morphine        | Negative |
| Marijuana       | Negative |
| Barbiturates    | Negative |
| Amphetamines    | Negative |
| Phencyclidine   | Negative |
| Alcohol         | Negative |
| Benzodiazepines | Negative |
| Methadone       | Negative |
| Propoxyphene    | Negative |

Checked By

Medical Technologist  
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|                |                                                       |               |            |
|----------------|-------------------------------------------------------|---------------|------------|
| Bill No        | DIA24030761                                           | Received Date | 27/03/2024 |
| Patient's Name | MAHIRUL ISLAM MAFI                                    |               |            |
| Patient's Age  | 18Y 7M 1D                                             | Patient's Sex | Male       |
| Ref. by        | Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM | AD ROLL       | 01977      |
| Sample         | URINE                                                 |               |            |

### URINE ROUTINE EXAMINATION

#### PHYSICAL EXAMINATIONMICROSCOPIC EXAMINATION

|            |            |             |         |
|------------|------------|-------------|---------|
| Quantity   | Sufficient | CELLS / HPF |         |
| Color      | Straw      | RBC         | Nil     |
| Appearance | Clear      | Pus Cells   | 0-1/HPF |
| Sediment   | Nil        | Epithelial  | 1-2/HPF |

#### CHEMICAL EXAMINATION CASTS / LPF

|              |        |            |     |
|--------------|--------|------------|-----|
| Reaction     | Acidic | RBC        | Nil |
| Albumin      | Nil    | WBC        | Nil |
| Sugar        | Nil    | Epithelial | Nil |
| Ex.Phosphate | Nil    | Granular   | Nil |
|              |        | Hyaline    | Nil |

#### ON REQUESTCRYSTALS & OTHERS

|              |          |                   |     |
|--------------|----------|-------------------|-----|
| Bile Salt    | Not Done | Urates            | Nil |
| Bile Pigment | Not Done | Uric Acid         | Nil |
| Ketones      | Not Done | Calcium oxalate   | Nil |
| Urobilinogen | Not Done | Amor. Phos        | Nil |
| B.J. Protein | Not Done | Hippurate crystal | Nil |

Checked By

Medical Technologist.  
Radical Hospital Ltd.

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Associate Professor  
Dept. of Microbiology  
East West Medical College and Hospital.

**DEPARTMENT OF RADIOLOGY & IMAGING**

ID. No. : 24030761 Receive: 29/03/2024 Print: 29/03/2024  
Patient's Name : MAHIRUL ISLAM MAFI  
Age : 18 YRS Sex : M  
Refd. by : Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM

**X-RAY OF CHEST (DIGITAL)**

Diaphragm : Both hemidiaphragm are normal in position.  
C-P angles are clear.

Heart : Normal in T.D.

Lung : Lung fields are clear.

Bony thorax : Reveals no abnormality.

Comments : Normal chest skiagram.



**Prof. Dr. Md. Mojibor Rahman**  
MBBS, DMRD (Radiology & Imaging)  
Head of the Department (Radiology & Imaging)  
Sylhet Women's Medical College Hospital

This report has been electronically signed.

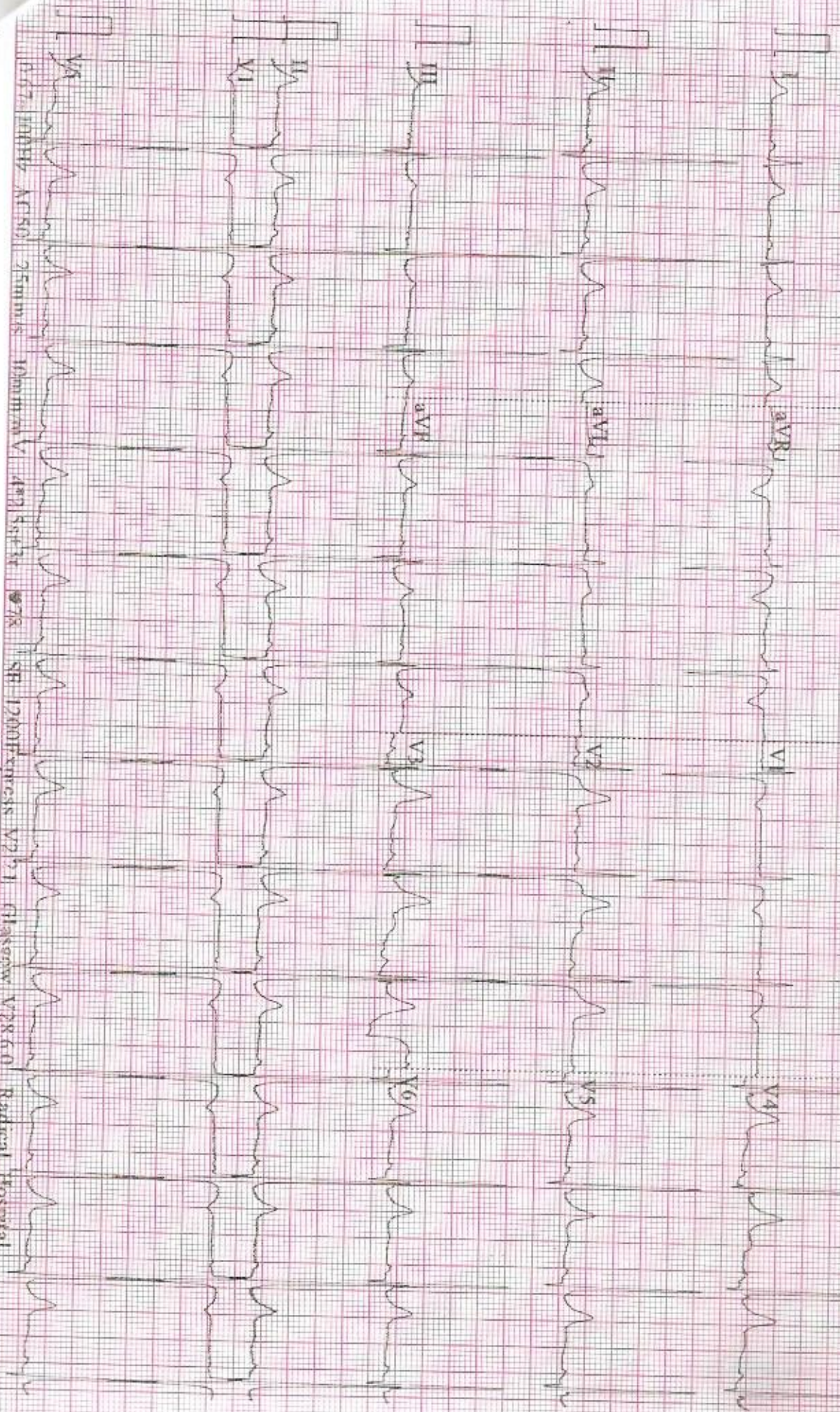
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*Abir Mahmood*  
 28 Years

| HR      | PR         | QTc        |
|---------|------------|------------|
| 80      | 124 ms     | 338.385 ms |
| QRS     | 90 ms      |            |
| P/QRS/T | 33.8/50    |            |
| RV5/SV1 | 2.57/1.876 | mV         |

Diagnosis Information  
 Sinus rhythm  
 Normal ECG

Report Confirmed by:



0.5mV 100Hz AC/50 25mm/s 10mm/mV 477.5473 78 SF 1200Hz press V2 V1 Glasgow V2R60 Radical Hospital 20.383

**DEPARTMENT OF RADIOLOGY & IMAGING**

ID. No. : 24030761 Receive: Print: 29/03/2024  
Patient's Name : MAHIRUL ISLAM MAFI  
Age : 18 YRS Sex : M  
Refd. by : Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM

**ELECTROCARDIOGRAM (E.C.G) REPORT**

Rate : 78 b/min  
Rhythm : Regular  
P-Wave : Normal  
P-R Interval : Normal  
QRS Complex : Normal  
ST. Segment : Is electric  
T. Wave : Normal

Impression : Findings are within normal limit.

  
**Dr. Debashish Paul**  
MBBS, MD (Cardiology)  
Associate Professor  
Department of Cardiology  
Sylhet Women's Medical College Hospital

This report has been electronically signed

Page 1 of 1

## DEPARTMENT OF RADIOLOGY &amp; IMAGING

ID. No. : 24040143 Receive: Print: 06/04/2024  
Patient's Name : MAHIRUL ISLAM MAFI  
Age : 18 YRS Sex : M  
Refd. by : Dr. Mir Md. Raihan MBBS,(DU),CCD(BIRDEM),PGT(Eye),DFM

ELECTROCARDIOGRAM (E.C.G) REPORT

Rate : 70 b/min

Rhythm : Regular

P-Wave : Normal

P-R Interval : Normal

QRS Complex : Normal

ST. Segment : Is electric

T. Wave : Normal

Impression : Findings are within normal limit.

  
**Dr. Debashish Paul**

MBBS, MD (Cardiology)

Associate Professor

Department of Cardiology

Sylhet Women's Medical College Hospital

This report has been electronically signed

Page 1 of 1

ID: 24020579

Male 48 Years

06-04-2024 10:51:46

HR : 70 bpm

P : 102 ms

PR : 174 ms

QRS : 100 ms

QT/QTc : 372/402 ms

P/QRS/T : 56/80/38 °

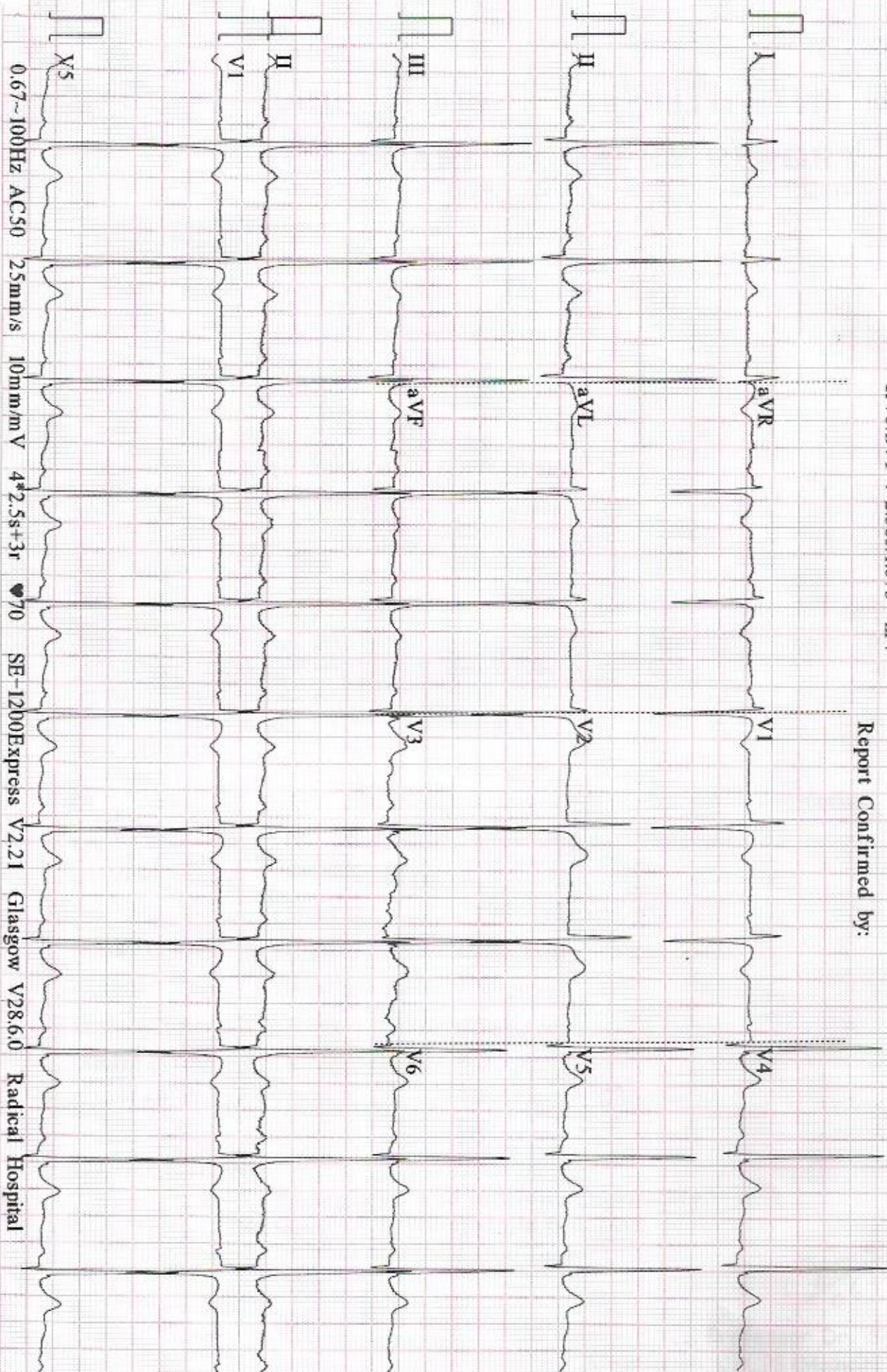
RV5/SV1 : 2.583/1.673 mV

Diagnosis Information:

Sinus rhythm

Normal ECG

Report Confirmed by:



## ECHO-CARDIOGRAPHY REPORT

### 2-D & M-MODE, DOPPLER & COLOUR FLOW IMAGING



|             |   |                      |               |   |            |              |   |                    |
|-------------|---|----------------------|---------------|---|------------|--------------|---|--------------------|
| I.D. No     | : | U132571              | Received date | : | 6 Apr 2024 | Printed date | : | 6 Apr 2024 12:02PM |
| Name of Pt. | : | MAHIRUL ISLAM MAFI   | Age           | : | 18 y(s)    | Sex          | : | Male               |
| Exam        | : | ECHO COLOUR DOPPLER  |               |   |            |              |   |                    |
| Ref. By     | : | RADICAL HOSPITAL LTD |               |   |            |              |   |                    |

#### PROCEDURES: 2D & M MODE & COLOR DOPPLER STUDY.

#### M-MODE & 2D FINDINGS:

|      |   |    |    |       |   |    |    |       |   |  |    |           |   |    |     |
|------|---|----|----|-------|---|----|----|-------|---|--|----|-----------|---|----|-----|
| AO   | : | 23 | mm | LVIDd | : | 49 | mm | RVIDd | : |  | mm | MVA       | : |    | cm2 |
| LA   | : | 37 | mm | LVIDs | : | 32 | mm | RVOT  | : |  | mm | MVannulus | : |    | mm  |
| IVST | : | 08 | mm | EF    | : | 64 | %  | PA    | : |  | mm | AV ring   | : |    | mm  |
| PWT  | : | 08 | mm | FS    | : | 35 | %  | TAPSE | : |  | mm | ACS       | : | 17 | mm  |

#### Doppler Measurements & Color Flow:

|       |   |     |       |     |   |     |      |    |   |  |      |   |  |      |      |   |  |     |
|-------|---|-----|-------|-----|---|-----|------|----|---|--|------|---|--|------|------|---|--|-----|
| MV:Vp | : | 1.0 | m/sec | PPG | : | 4.7 | mmHg | MR | : |  | PHT  | : |  | msec | MVA  | : |  | cm2 |
| AV:Vp | : | 1.0 | m/sec | PPG | : | 4.5 | mmHg | AR | : |  | DCT  | : |  | msec | AVA  | : |  | cm2 |
| PV:Vp | : | 0.9 | m/sec | PPG | : | 3.6 | mmHg | PR | : |  | PASP | : |  | mmHg | IVRT | : |  |     |
| TV:Vp | : | 0.8 | m/sec | PPG | : | 2.6 | mmHg | TR | : |  | PADP | : |  | mmHg | E/A  | : |  |     |

#### DESCRIPTION:

##### CHAMBERS:

**LA** : Normal **LV** : Normal in chamber dimension, morphology and motion.

**RA** : Normal **RV** : Normal in chamber dimension, morphology and motion.

**VALVES** : All valves are normal.

**IAS** : Intact **IVS** : Intact

**GREAT VESSEL** : Great arteries are normal in size and relationship.

**PERICARDIUM** : No effusion seen.

**THROMBUS/VEGETATION/OTHER MASS:** Not seen.

**COLOR FLOW** : No abnormal flow detected.

**DOPPLAR STUDY** : Normal.

#### IMPRESSION:

1. No regional wall motion abnormality.
2. Good LV & RV systolic function.
3. Normal diastolic function.

*Signature*  
06-04-24

**Professor Dr. Syed Nasir Uddin**  
MBBS (DMC), FCPS (Medicine), MD (Cardiology)  
**Professor of Cardiology**  
National Institute of Cardiovascular Diseases  
Sher-E-Bangla Nagor, Dhaka-1207  
Consultant, IBN SINA D-Lab, Uttara, Dhaka.