

Name: DR. MD. ZAHIRUL ISLAM

Degree: MBBS

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Career Objective

To become one of the bests in the field of cardiology. Enthusiastic about coronary intervention and enjoys the hardship of intervention. Gaining experience in acute and chronic case management of heart, coronary angiography, echocardiography, electrophysiology, structural heart disease.

Academia

- Bangladesh Medical University (Ex BSMMU) Dhaka, Bangladesh
Residency Institute (5year with thesis):
National Institute of Cardiovascular Diseases (NICVD)
Year: 2022
- Degree Awarded: MD in Cardiology (Clinical and Interventional Cardiology)
Phase A 2 year(s) : Training supervised by
NICVD :Under Professor Dr. Monsurul Haque
NINS (National Institute of Neuroscience) : Professor cum Director Dr. Deen Mohammad, Red Unit
NIDCH (National Institute of Chest Diseases and Hospital): Associate Professor Dr. Nihar Ranjan Saha ,Golden Unit
NIKDU (National Institute of Kidney Diseases and Urology): Professor cum Director Dr. Babrul Alam, Blue unit
BMU(Bangladesh Medical University) (Endocrinology) :Professor Dr. Hasanat , Associate Professor Dr. Nusrat Sultana
BMU(Bangladesh Medical University) (Internal Medicine): Professor cum Chairman Dr. Abdul Kalam Azad, Professor Dr. Ferdous Ur Rahman in Brown unit

Phase B :Training supervised by
NICVD :
Professor Dr. Mohsin Ahmed Sohel
Associate Professor Dr. Shaila Nabi
Associate Professor Dr.A K M Monwarul Islam
Professor Dr. Sabina Hasem

Professor Dr. Abdul Wadud Chowdhury

- Bangladesh College of Physician and Surgeons Dhaka, Bangladesh
 - FCPS Part 1 qualified in Internal Medicine
 - Year: 2022
- Royal College of Physician and Surgeons London, UK
 - MRCP Part 1 qualified
 - Year: 2023
- University of Chittagong Chittagong, Bangladesh
College of entry: Chittagong Medical College
Year: 2019 (with 1 year internship)
 - Degree Awarded: MBBS, Overall, 75% marks (60% is the passing score)
January 2013- January 2018
- Bir Shrestha Noor Mohammad Rifles Public College Peelkhana ,Dhaka
Higher Secondary Certificate Exam
Year: 2012
 - Result: GPA: 5 out of 5
- Bir Shrestha Noor Mohammad Rifles Public College Peelkhana ,Dhaka
Secondary School Certificate Exam
Year: 2012
 - Result: GPA: 5 out of 5

Clinical Experience

- **Hospital Name: National Institute of Cardiovascular Diseases** Feb 2022-Present
Department: **Cardiology/ Interventional Cardiology**
Designation: Resident

Responsibilities handled

1. Coronary Care Unit (CCU)-Acute emergency management
STEMI, NSTEMI, Unstable Angina management, Pericardial tamponade
Cardiogenic shock, Pulmonary oedema, Hypertensive crisis, acute pericarditis
SVT, VT,AF, VF, Arrhythmia management, Ventilator management
Procedure : Temporary pacemaker , CV line, ABG, Pericardiocentesis,
Cardioversion, Defibrillation, Endotracheal intubation
 2. Post CCU- valvular heart disease MS,MR,AS,AR,PS.
Structural heart diseases -TOF,VSD,ASD,TGA,DILV
 3. HDU- Post PCI, Post Device closure patients management
 4. Multidisciplinary approach-PCI team, nurses, intensivist, heart team
 5. Daily rounds, discharge summaries, Counselling
- **Cath lab Tasks**
 1. Doing coronary angiography, supervised, assisted and independent
 2. Assist primary PCI, elective PCI, PTMC, Valvuloplasty, ASD device closure, PDA device closure, permanent pacemaker, ICD, CRT, TAVR
- Outdoor management of
- Coronary artery diseases, Heart failure, Hypertension, Dyslipidaemia, adult congenital heart diseases, pericardial diseases, cardiomyopathies (HCM, RCM, DCM, ARVC)
- **Non-invasive diagnostic tests:**
 1. ECG, ETT, Holter, Ambulatory BP measurement, Tilt table test
 2. Transthoracic echocardiography, Transoesophageal echocardiography
 3. Cardiac CT, Cardiac MRI, SPECT MPI
 - **Chronic patient management**
 1. Post MI, Post stent management
 2. Heart failure clinic
 3. AF anticoagulation
 4. Cardiac rehabilitation
 - **Electrophysiology**
EP study and its application in arrhythmia
 - **Paediatric Cardiology**
Chronic case management, cardiac catheterization

Publication

1. Publication 1:
Title: AWARENESS AND ACCESSIBILITY OF ANC OF THE OBSTETRIC PATIENTS IN CMCH

Reference:

2. Publication 2:

Title : Shifts in disease burden and healthcare expenditure in rural Chittagong district, a 2 year comparative household study

Paper Presentation

Oral Presentation 1: When youth fades before its season, Unmasking the wrinkles of heart

Place: Bangladesh Cardiac Society ,25th annual scientific congress, Dhaka

Quality Improvement Projects

Case/Topic Presentation

Case presentation:

Date, Place

- | | |
|--|----------------------|
| ● ECG in electrolyte imbalance | May 2025, NICVD |
| ● Hutchinson Gilford Progeroid syndrome, a case of AS ,AR and MS | May 2025, NICVD |
| ● Transesophageal assessment of aortic valve | March 2025, NICVD |
| ● ECG in congenital heart diseases | December 2024, NICVD |
| ● How SGLT2 work in heart failure | July 2024, NICVD |
| ● Warfarin use, DOAC vs Warfarin | June 2024, NICVD |
| ● Insulin from discovery to therapy, recent advances up to 2023 | November ,2023,BMU |
| ● ASPREE trial effect of low dose aspirin vs placebo on incidental anemia in elderly | July 2023, BMU |
| ● Management of CKD in ischemic heart diseases | February,2023,NIKDU |
| ● Swellings in Surgery - | February 2016, CMCH |
| ● Diabetes Mellitus, an Update | March 2017, CMCH |

Leadership & Management

1. Upazilla ICT officer ,extra responsibility during regular posting in BCS job Dec2019- Dec 2021
2. Government health focal person at Bhasanchar Rohingya Camp Dec 2021-March2022
3. Mentorship for junior doctors in Bangladesh: doing seminar ,zoom meeting
4. Founding member of Rowshan hossain foundation , a non profit organization

Course/ Conferences attended

- Certificate course in ultrasonography (6month) from CMUD
- MIS training for ICT officer from DGHS

Achievement outside medicine

- Working as consultant in an international NGO - Wildmentors

Personal Qualities

- Enthusiastic team member, ability to recognize and execute my role.
- Excellent interpersonal relationship with the clinical team.
- Excellent communication skills in written and verbal both.
- Able to lead and motivate staff to work as a team
- Ability to prioritize workloads during busy periods.

Professional Memberships

- Bangladesh Medical & Dental Council Reg No: A 93870

Private Practice

- Life General Hospital ,Faridganj,Chandpur

Personal Details

BMDC :

<https://verify.bmdc.org.bd/regdata/3zR3v2KxyKX0aJj5pmPLw179agfjVsRLUofk1hV5G9C8FCWMHQB.BCa6bBnNMy~WTvrvtkq9xMOoeP2NKC2E8Yo9yxfDHFHxU.1eGicyT~LKISmouVefPiuwuHsoqF7e>

DGHS: <https://hrm.dghs.gov.bd/providers/164245/edit>

ResearchGate ID : https://www.researchgate.net/profile/Md-Islam-568?ev=hdr_xprf

ORCID ID : <https://orcid.org/my-orcid?orcid=0000-0001-5119-0017>

Google Scholar:

Rowshan Hossain Foundation: <https://rowshanhossainfoundation.com/>

Life General Hospital: <https://lifegeneralhospital.com/>

