Diabetic Association of Bangladesh (BADAS)

Annual Report
2017-2018
A RARE VISION (A VISIONARY AND A MISSIONARY)

Back in 1956, when people had a perception that diabetes is a disease of the affluent, hardly anyone anticipated that diabetes would be an epidemic even in developing countries. Professor Dr Mohammad Ibrahim (1911-1989) led a team of dedicated colleagues to establish the Diabetic Association of Pakistan which eventually became Diabetic Association of Bangladesh.

The dream of the Founder was to create such facilities and environment where no diabetic shall die untreated, unemployed or unfed even if poor. Over the last five decades the Association has created the largest infrastructure, and registered patient base in the world for the prevention and care of diabetes. In addition, next to the Government, it is now the largest comprehensive health care provider as well as the health manpower generating organization in Bangladesh.

The Annual Report provides a glimpse of this organization with particular focus on the achievement of the last Financial Year 2017-2018.
VISION

- In Bangladesh no diabetic shall die untreated, unemployed or unfed.
- All people shall be provided with affordable health care services even if poor.

MISSION

- Provide total healthcare including rehabilitation for all diabetics irrespective of gender, economic and social status through different institutions of Diabetic Association of Bangladesh.
- Expand these services to provide affordable healthcare for all citizens of Bangladesh through self-sustaining Centres of Excellence.
- Create specialized quality manpower (Research Scientists, Physicians, Technicians, Nurses and other related personnel) of high ethical standard.
- Develop leadership in healthcare through a dedicated and transparent management system.
- Develop industries for manufacturing quality medicines and healthcare products.
INTRODUCTION OF THE ORGANIZATION

The Diabetic Association of Bangladesh, in Bangla বাংলাদেশ ডায়েটিক সমিতি (বাংলা), Bangladesh Diabetic Somiti (BADAS), was established on 28 February 1956 in Dhaka at the initiative of the late National Professor Dr Mohammad Ibrahim (1911-1989) and a group of social workers, philanthropists, physicians and civil servants. In 1957, the Association started an outpatient clinic in a small semi-permanent structure of about 380 sq. ft. at Segun Bagicha, Dhaka. Over the years, the clinic has turned into a diabetes care and research complex at Shahbag, Dhaka, which, after the demise of Prof (Dr) Md Ibrahim in 1989, has been renamed as the Ibrahim Memorial Diabetes Centre. In addition, BADAS has now about 114 health care facilities and more than 500 accredited Diabetes Centres all over the country.

BADAS is a nonprofit voluntary socio-medical service organization registered with the Ministry of Social Welfare under the Society's Registration Act, 1860. It is run by a 32 member National Council, of which 18 members from the Life Member category and 6 members from the Affiliated Association category are directly elected by the representatives of both the categories in the Annual General Meeting (AGM). One-third of the members (i.e. 6) from the Life Member category and 2 from the Affiliated Associations retire every year. Eligible for reelection by rotation and election to those one-third posts is held in every Annual General Meeting of the Association. The elected members elect the Office-Bearers of the National Council from the Life Member category.

Office-Bearers of the Association is constituted by the President, 3 Vice- Presidents, a Secretary General, a Treasurer, a Joint Secretary General, and a Joint Treasurer.


The National Council meets at least once in a month and reviews the activities of the Association. It takes decisions on policy, budget and finance, planning and development. The executive power of the National Council is vested with the Secretary General who runs different institutions through respective Board of Management and with the help of the Treasurer and BADAS Secretariat.

The AGM of the last financial year 2016-2017 was held on 8th April 2018 at the premises of Bangladesh Institute of Health Sciences (BIHS), Dhaka. About 73 Life Members and 75 Delegate Members from Affiliated Associations were present in the AGM.
NATIONAL COUNCIL

President
Prof A K Azad Khan

Vice-President
Mr Rafique-ul Huq (Bar-At-Law)
Prof Jamilur Reza Choudhury
Dr Sarwar Ali

Secretary General
Mr Md Sayef Uddin

Treasurer
Prof M. H. Khan

Joint Secretary General
Prof Rashid-E-Mahbub

Joint Treasurer
Mr Md Shahidul Hassan

Elected Members
(Life Member Category)
Mr A Matin Chowdhury
Syed Manjur Elahi
Mr Mahbub-Uz-Zaman
Prof Emeritus Hajera Mahtab
Prof Mahmud Hasan
Prof Mahmudur Rahman
Prof Harun-Ur Rashid
Dr Humaira Islam
Rafiqu Islam Khan
Mr Abdul-Muyeed Chowdhury

Elected Members
(Affiliated Associations Category)
Mr Md Baby Islam
Prof Jahanagir Chowdhury
Al-haj Dr Md Shahnewaz Chowdhury
Mr Md Abdul Wahed
Mrs Razia Samad
Dr Habibur Rahman

Members Nominated by the President, BADAS
Mr M R Osmany
Khwaja Muhammad Sultanul Aziz
Prof. Dilara Chowdhury
Ubaidur Rob
Barrister Fahimul Huq

Members Nominated by the Government
Additional Secretary (Hospital)
Ministry of Health & Family Welfare
Bangladesh Secretariat, Dhaka

Joint Secretary, Finance Division
Ministry of Finance, Bangladesh Secretariat
Dhaka

Additional Secretary (Dev.)
Ministry of Social Welfare, Bangladesh Secretariat, Dhaka
BADAS SECRETARIAT

MANAGEMENT STRUCTURE OF BADAS

National Council of BADAS

Ombudsman

President

Secretary General

Treasurer

BADAS Secretariat

Institutions

Projects

BADAS executes its activities through its Secretariat headed by Secretary General.

BADAS Secretariat
Advisor to the President on Affiliated Association Affairs: Dr Wajedul Islam Khan
Secretary and Director, Procurement & Corporate Affairs: Muhammad Abu Taher Khan
Director, Project and Development: Golam Kibria Bhuiyan
Director, Finance and Accounts: Biswajit Mazumder
Project Director, BADAS: Prof Dr Subhagata Choudhury
Laboratory Development
Director, Affiliated Associations Affairs: Ahammad Ali
Director, Public Relations & Publications: Farid Kabir

Contact Address
BADAS Secretariat
Ibrahim Memorial Diabetes Centre (4th Floor)
122 Kazi Nazrul Islam Avenue, Dhaka-1000, Bangladesh
Ph-880-2-58616641 to 50; 9661551 to 60. Fax: 880-2-9677772
Website: www.dab-bd.org
BADAS INSTITUTION AND PROJECTS

**Institution**

**BIRDDEM**  
Bangladesh Institute of Research & Rehabilitation in Diabetes, Endocrine & Metabolic Disorders  
Web: www.birdem-bd.org

**RVTC**  
Rehabilitation and Vocational Training Centre  
Web: www.rvtcbd.org

**NHN**  
National Health Care Network  
Web: www.nhn.dab.org.bd

**ICHRI**  
Ibrahim Cardiac Hospital & Research Institute  
Web: www.ichri.org

**IMC**  
Ibrahim Medical College  
Web: www.imc.bd.org

**BIHS**  
Bangladesh Institute of Health Sciences  
Web: www.bihs.edu.bd

**BNC**  
BIRDEM Nursing College

**BUHS**  
Bangladesh University of Health Sciences  
Web: www.buhs-edu.org

**Projects**

**HCDP**  
Health Care Development Project  
Web: www.hcdp-bd.org

**PCP**  
Perinatal Care Project  
Web: www.badas.pcp.org

**DLP**  
Distance Learning Program  
Web: www.badas-dlp.org

**KALTU**  
Kidney and Liver Transplant Unit

**EDC**  
Extension of Diabetic Care Project

**CGHR**  
Centre for Global Health

**CDiC**  
Changing Diabetes in Children

**BADAS Challenge TB CARE**

**LFAC**  
Life for a child

**HIGW**  
Health Insurance for Garments Workers

**IHL**  
Ibrahim Health Line

**UHCP**  
Universal Health Coverage Plan
BOARD OF MANAGEMENT/GOVERNING BODY

Board of Management, BIRDEM
Chairman
Dr Sarwar Ali

Members
Prof Rashid-E-Mahbub
Prof Harun-Ur Rashid
Mr Rafiquil Islam Khan
Nominated Member, NC, BADAS
(Ministry of Health & Family Welfare)
Nominated Member from NC, BADAS
(Ministry of Women & Children Affairs)
Director General, BIRDEM
Prof Kishwar Azad

Board of Management, ICHRI
Chairman
Prof Mahmuder Rahman

Members
National Prof Brig. A Malik (Retd)
Mr Rafique-ul Huq (Bar-At-Law)
Mr Md Shahidul Hassan
Mr A Matin Chowdhury
Mr M R Osmany
CEO, ICHRI

Board of Management, BIHSH
Chairman
Prof Rashid-E-Mahbub

Members
Md. Shahidul Hasan
A Matin Chowdhury
Prof Mahmud Hasan
Rafiquil Islam Khan
Prof Dr Fazlur Rahman
Ubaidur Rob
Md Mahtab Uddin
Brig Gen Dr Md Abdul Majid Bhuian (Retd)

Governor Body, Ibrahim Medical College
Chairman
Prof AK Azad Khan

Members
Prof Rashid-E-Mahbub
Prof Dr Md Ismail Khan
Prof Dr Nazma Shaheen
Prof Dr Md Aftab Ali Shaikh
Prof Emeritus Dr Hajera Mahtab
Prof Md Abu Sayeed
Prof S.M. Abu Zafar
Prof AKM Mamunur Rashid
Prof Dr Md Mujibur Rahman
Mr Nasir Arif Mahmud
Member Secretary
Prof Jalaluddin Ashrafual Haq
Project Management Board, HCDP

**Chairman**
Prof A K Azad Khan

**Members**
Prof M H Khan
Md Ayubur Rahman Khan,
Additional Secretary, Dev. & Medical Education,
MOH & FW
Abul Mansur Md Faizullah, NDC
Additional Secretary, ERD, Ministry of Finance
Prof Jamilur Reza Chowdhury
Mr Md Baby Islam
MA Halim Chowdhury, MD, Pubali Bank Ltd
Sietsje Zoodsma, MD, Simed Int BV
Prof Liaquat Ali

Board of Trustee, Bangladesh University of Health Sciences (BUHS)

**Chairman**
Prof (Dr) AK Azad Khan

**Members**
National Prof (Dr) Brig (Retd) A Malik
Maj Gen (Retd) Prof AR Khan
Prof Emeritus Hajera Mahtab
Prof MH Khan
Prof Jamilur Reza Chowdhury
Mr Md Sayef Uddin
Prof M Mosihuzzaman
Prof Harun-ur-Rashid
Dr Humaira Islam
Dr Khwaja Muhammad Sultanul Aziz
Mr A Matin Chowdhury
Prof Rashid-E-Mahbub
Prof. Dr Faridul Alam

Budget and Finance Committee, BADAS

**Chairman**
Secretary General, BADAS

**Members**
Treasurer, BADAS
Joint Secretary General, BADAS
Joint Treasurer, BADAS
Member, NC, BADAS
Member, NC, BADAS
Life Member, BADAS
Life Member, BADAS
Life Member, BADAS
Director, Finance and Accounts, BADAS

Institutional Coordination Committee

**Chairman**
Secretary General, BADAS

**Members**
Treasurer, BADAS
Director General, BIRDEM
Director, Finance and Accounts, BADAS
CEO, National Healthcare Network
CEO, Ibrahim Cardiac Hospital & Research Institute
Principal, Ibrahim Medical College
Director, Bangladesh Institute of Health Sciences Hospital
Director, Rehabilitation and Vocational Training Centre
Secretary, BADAS

Law Committee

**Chairman**
Mr Rafique-ul Huq (Bar-At-Law)
Vice President, BADAS

**Members**
Mr M R Osmany
Member, NC, BADAS
Barrister Fahimul Hoque
Life Member, BADAS
Secretary, BADAS
Development Coordination Committee

Chairman
Syed Manjur Elahi
Member, NC, BADAS

Members
Md Sayef Uddin
Secretary General, BADAS
A Matin Chowdhury
Member, NC, BADAS
Ubaidur Rob
Member, NC, BADAS
Mr Tapan Chowdhury
MD Square Pharmaceutical Ltd
Abdul Wahed
Life Member, BADAS
M Abul Kashem
Life Member, BADAS
Obayed Jaigirdar
Life Member, BADAS
Rasheda K Chowdhury
Executive Director, Gonoshakhorota Abhijan
Muhammad Abu Taher Khan
Member Secretary, Director, Procurement & Corporate Affairs, BADAS
DIABETES HEALTH CARE DELIVERY

CREATING THE LARGEST REGISTERED DIABETIC PATIENT BASE UNDER ONE ORGANIZATION IN THE WORLD

All the diabetes related national, regional and international organizations in the world primarily served as ‘Advocacy Bodies’ with only limited and occasional health services delivery. BADAS created an exception from the very beginning and started to operate diabetes care clinics along with its awareness building and advocacy roles. Within a culture of health care made synonymous with medical care, BADAS could also make a breakthrough by providing comprehensive health care which included not only care by the physicians but also nutrition and health education within a broader context of integrated primary, secondary and tertiary care.

Starting with only 39 patients in 1956, BADAS along with its Affiliates now serves the largest number of registered diabetic patients who receive regular and comprehensive health care.

At the end of Financial Year 2017-18 the total number of registered patients is 44,85,793 of which 5,06,706 were registered as new patients during July 2017 – June 2018.

<table>
<thead>
<tr>
<th>Hospital/Health Centres</th>
<th>Registered Upto 2016-17</th>
<th>Newly Registered in the FY 2017-18</th>
<th>Total registered patients upto 2017-18</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIRDEM</td>
<td>614206</td>
<td>24739</td>
<td>638945</td>
</tr>
<tr>
<td>NHN</td>
<td>549600</td>
<td>80877</td>
<td>630477</td>
</tr>
<tr>
<td>ICHRI</td>
<td>40680</td>
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<td>BIHS</td>
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<td>309442</td>
</tr>
<tr>
<td>HCDP</td>
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<td>11331</td>
<td>225326</td>
</tr>
<tr>
<td>Affiliated Associations</td>
<td>2262071</td>
<td>371531</td>
<td>2633602</td>
</tr>
<tr>
<td>CDIC</td>
<td>2189</td>
<td>201</td>
<td>2390</td>
</tr>
<tr>
<td>Total</td>
<td>3979087</td>
<td>506706</td>
<td>4485793</td>
</tr>
</tbody>
</table>

PRIMARY PREVENTION OF DIABETES AND ITS COMPLICATIONS

Prevention is the only feasible way to combat the present epidemic of diabetes and it is particularly important for low resource societies like Bangladesh. Studies in various parts of the world have shown that simple intervention in lifestyle (nutrition and exercise/physical work habit) may reduce the incidence of diabetes by about 60%. The Projects and Affiliated Associations of BADAS always had some arrangement for education of the patients. However, in the recent years, BADAS has given special emphasis on the preventive aspects of diabetes. The preventive campaigns in FY 2017-18 were conducted in the form of observance of Special Days such as World Diabetes Day, Diabetes Awareness Days and Diabetes Service Day. Besides, such campaigns were also conducted through media programs, publication of awareness materials, and diabetes/health magazines, educational classes, discussion programs and dissemination seminars.
World Diabetes Federation provided fund to BADAS for various awareness programs to reduce the prevalence of diabetic patients and other vulnerable groups through nutritional related education, life style changes etc. Leaflets, calendars, posters, display boards were published and distributed to increase the awareness about diabetes and its complications among the people of the country. BADAS also organized training programs for health professionals, nutritional related classes and discussion for diabetic patients. Promotional audiovisual items (advertisements and documentary films) were prepared and broadcasted in 11 different TV channels in the last year and those will be further broadcasted in 6 different TV channels. The documentary films were also shown in the waiting lounge of different health care centres. Approximately 1 million viewers watched the films.

Foundation Day of Diabetic Association of Bangladesh- Diabetes Awareness Day (28 February 2018), Death Anniversary of Prof. M. Ibrahim and Diabetes Service day (06 September 2018) and World Diabetes Day (14 November 2017) are the days through which mass awareness program and dissemination program are explored.

The above-mentioned days were observed in Dhaka as well as in the other districts through:

- Rally
- Children Art Competition
- Screening of diabetes in various centers and in the community for high risk people (IGT, IFG)
- Free Heart Camp
- Free Consultation on Diabetes Management and Treatment & Distribution of Guide Book at Hajj Camp and Ijtema at Tongi
- Prevention and awareness program for young and Type 1 Diabetes
- Video animation for the prevention and control of diabetes
- Discussion Programs
- Question and Answer Session (between specialized doctors and the patients)
- Talk shows on Radio and TV Channels.
- Publication and Distribution of awareness materials, Health Magazines, Journals, Leaflets, Newsletter and Bengali Magazine Kanti etc.
- Seminar
- Workshops and Seminars on Diabetes, TB and Noncommunicable Diseases
- Milad (Special Prayer)
- Orientation Program for TB awareness
- Group Discussion with Health Educators and Patients
- Feature film for creating mass awareness about diabetes
- Community Mobilization Program
- Mother and Child Care Activities (diabetes related complications)
- Health Camp at district level all over the country.
- Educational tools for the patients
- Clay Model of the food items
- Regional Workshops at district level
BADAS observed World Diabetes Day in different way
In addition to above-mentioned programs, there are some specific activities that are conducted by various Projects of BADAS with the financial help of World Diabetes Federation (WDF), Women and Children First UK and ORBIS International.

- Primary Prevention of Diabetes Mellitus (PPDM) trained physicians and community counselors on strategies for primary prevention.
- Awareness campaign along with screening for DM were conducted among the employees of various institutes.

For other activities please visit www.dab-bd.org
Perinatal Care Services

The Perinatal Care Project plays a vital role in prevention of diabetes since it is involved in the improvement of the health status of mother and child.

It is known that GDM of the mother and Malnutrition of the newborn have a direct impact on the future development of diabetes in both the groups.

For more details, please visit www.badas-pcp.org

Prevention and Care of diabetic retinopathy (which are basically secondary and tertiary prevention) is the main goal of this Project, but it is indirectly contributing to Primary Prevention through camps and awareness campaigns.

Mass Awareness Program

World Diabetes Day was observed by the Diabetic Association of Bangladesh with the theme “Women and diabetes - All pregnancy should be planned.”

The World Diabetes Day was observed across the country as well as around the world. It was observed countrywide to make people aware of the importance of affordable and equitable access for all women at risk.

To mark the day, Diabetic Association of Bangladesh organized a Grand Rally in front of the National Museum. A colorful procession with horse carts and musical performance were also organized. Awareness posters, leaflets, health magazine "KANTI" were published and awareness banners, festoons were displayed at BIRDEM complex and at different parts of the city to signify the day.

Free diabetes screening was also organized by BADAS at different points of the city including in front of the National Museum and Dhanmondi Rabindra Sorobor. NHN and HCDP also organized free diabetic checkup camp at their different centers on this occasion. A question-answer session between selected diabetic patients and specialized physicians was also organized at BIRDEM auditorium.

A Discussion Meeting was held at BIRDEM auditorium highlighting the significance of the day. Meher Afroz Chumki, MP, Honorable State Minister for Women and Children Affairs was the chief guest of the discussion. BADAS President Professor AK Azad Khan presided over the meeting. Muhammad Sayef Uddin, Secretary General, BADAS, Dr. Mohammad Abdul Mazid, Chief Co-ordinator, BADAS and Nazmun Nahar, Director General, BIRDEM also gave speech in the meeting. Prof. Subhagoto Chowdhury presented the main article. In addition, prizes were distributed among the winners of the composition titled ‘Planned pregnancy required to avoid the risk of diabetes’.
A motivational program for the children living with diabetes in BIRDEM hospital at Segun Bagicha was also organized. Ibrahim Cardiac Hospital and Research Institute (ICHRI) organized a Heart camp while Ibrahim Medical College organized a seminar and Health camp to observe the day. NHN, BIHS and HCDP also organized colorful processions at different places of the city.

Dr Ibrahim dedicated his whole life for the service of the humanity,’ the speaker said in the reminiscence session held on 6 September, 2018 at the BIRDEM auditorium. It was organized by the Bangladesh Diabetic Somiti (BADAS) on the occasion of the 28th death anniversary of National Professor Dr M Ibrahim. They said, his (Dr Ibrahim) aim and ideal was ‘No diabetic patient shall die unfed, untreated and unemployed even if poor.’ They said that they could pay their respect to this great soul only by giving quality services to the patients.

Education and training

Health Education Department of BIRDEM conducted the following training for prevention of diabetes:

- Patient education for newly detected diabetic patients; Re-education of previously enlisted patients, including preventive foot care and education.
- Training program for physicians and educators.
- Out-patient clinical follow-up and visit by various institutes as part of academic program.
- Training on glucometer operation;
- Insulin injection training with syringe, vial and pen device.

Materials Development

Guide book and Manual were published by the Gestational Diabetes Mellitus Patients.

Activities of this operational research program include preparation and distribution of evidence based nutritional education tools like clay models, leaflets, calendar, mini display boards documentary films.
Prevention of non-communicable diseases (NCDs) particularly gestational diabetes (GDM) through Marriage Registrar (Kazis)

The aim of the project is to improve community awareness on preconception care and prevention of non-communicable diseases (NCDs) particularly gestational diabetes (GDM) among newly married couples of Bangladesh through religious leaders (Kazis). Target peoples are Newly married couples, Religious leaders (Kazis) and Health service providers (Physicians, Nurses and Educators).

Activities of the projects are- Trained 400 Marriage Registrars (Kazis). Trained 300 Health Professionals (Physicians, Nurses and Diabetes Educators); Established 50 preconception care corners in 50 centers/ hospitals of BADAS 400 religious leaders trained. Organized 6 television and 6 radio talk shows with religious leaders and health care providers for improving community awareness. A total of 20000 couples has already been provided counseling by the trained religious leaders. Screened 7000 women for GDM, of whom 583 women were diagnosed with GDM. One-page information of pre-conception care has now been included in the general guidebook of BADAS. Development of website (pcc-badas.org). South Asian Federation of Endocrine Societies (SAFES) has endorsed the education program on preconception care. Online education program on preconception care has been linked with IDF Education Library. Now anyone from any part of the world can take part in PCC online certificate program. Develop a consensus guideline for preconception care.
Prevention of diabetes through religious leaders (Imams)

To build community awareness on healthy lifestyle for the prevention and care of diabetes and other NCDs through involving religious leaders (Imams) in Bangladesh. Target people: Religious leaders (Imams) and Community people

Activities of the project are - One hundred (100) religious leaders (Imam) will receive intensive training on healthy lifestyle for the prevention and care of diabetes and other NCDs. One hundred (100) diabetes corners will be establish in 100 Mosques in Dhaka division near to BADAS out patients’ clinics. Around fifty thousand (50,000) people will receive screening and education services from these corners. 5,000 cases will be detected with diabetes and referred for clinical care. In addition, to these 5,000 cases rest of the 45,000 will also receive message for lifestyle modification for prevention of diabetes. More than five (5) million general people will receive information on healthy lifestyle for the prevention and care of diabetes and other NCDs through religious leaders (Imams). Develop education toolkits including booklets (15,000), leaflets (20,000), posters (6000), flip chart (150), training manuals (300), stand banners (110), round board banners (110). Six television and Six radio talk shows will be arranged for improving community awareness. Develop a website and mobile help-line for improving awareness and patient’s compliance. A documentary film is going to be developed for community awareness. A mobile network will be established between Imams and Project office of BADAS for information sharing and data collection. Two hundred (200) Medical and Nursing Students from 3 Medical Colleges and 2 Nursing Colleges of BADAS will participate in two (2) advocacy meeting during project periods. One (1) dissemination program will be organized after completion of the project to present and discuss the results among the stakeholders in Bangladesh, policy makers and donor agency.
SECONDARY AND TERTIARY CARE OF DIABETES

BADAS provides Secondary and Tertiary care to a large number of diabetic patients in the form of general and specialized physician services, diagnostic intervention and basic to highly advanced surgical interventions. In 2017-18, 27956852 laboratory tests and other diagnostic interventions were conducted by BADAS Projects and Affiliated Associations. Radiology and Imaging provides 699213 test.

Secondary and Tertiary Care Service Facilities at BADAS

- Medical and Surgical facilities in almost all disciplines at BIRDEM, BIHS, NHN, ICHRI and selective Affiliated Associations.
- Basic and advanced diagnostic facilities including laboratory and radiology & imaging services.
- ICU and CCU services in BIRDEM, NHN, ICHRI and some of the Affiliated Associations.
- Advanced medical and surgical care including ICU and CCU services for cardiovascular patients in BIRDEM and ICHRI.
- Hemodialysis and kidney transplant in BIRDEM and ICHRI.
- Special Care Baby Unit at BIRDEM-2.
- Surgical foot care in BIRDEM and NHN.

Number of Test/Investigations performed

<table>
<thead>
<tr>
<th>Institution</th>
<th>No of Test/Investigation 2016-17</th>
<th>No of Test/Investigation 2017-18</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lab Test</td>
<td>Radiology and Imaging</td>
</tr>
<tr>
<td>BIRDEM</td>
<td>12943252</td>
<td>156230</td>
</tr>
<tr>
<td>NHN</td>
<td>763910</td>
<td>53050</td>
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<tr>
<td>BIHS</td>
<td>934421</td>
<td>51123</td>
</tr>
<tr>
<td>Non BIHS Component</td>
<td>723165</td>
<td>53975</td>
</tr>
<tr>
<td>ICHRI</td>
<td>217743</td>
<td>52711</td>
</tr>
<tr>
<td>Affiliated Association</td>
<td>8399042</td>
<td>240149</td>
</tr>
<tr>
<td>Total</td>
<td>23981533</td>
<td>607233</td>
</tr>
</tbody>
</table>

Kidney and Liver Transplant Services

Total no. of Living related donor Kidney transplantation from July 2017 to June 2018: 03
Total no. of Living related donor Kidney transplantation from November 2004 to June 2018: 129
At the end of FY 2017-18, the total bed capacity of BADAS facilities increased to 5005 from 4080.
# Table: Bed capacity under BADAS Facilities

<table>
<thead>
<tr>
<th>Name of the Hospital</th>
<th>Bed Capacity 2016-17</th>
<th>Bed Capacity 2017-18</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHN-Ibrahim General Hospital</td>
<td>390 bed, 6 hospitals under NHN (Wari-100, Rampura-100, MPL-50, Dhanmondi-30, Chandra-10, Mirpur-100)</td>
<td>under NHN (Wari-Rampura-100, MPL-50, Dhanmondi-Chandra-10, Mirpur-100, Chhagolnaiya-25)</td>
</tr>
<tr>
<td>ICHRRI</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>BIHS</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>Non-BIHS Components (AAs) in HCDP (Sirajganj, Dinajpur, Thakurgaon Pabna, Bogra)</td>
<td>435</td>
<td>435</td>
</tr>
<tr>
<td>Total</td>
<td>4080</td>
<td>5005</td>
</tr>
</tbody>
</table>
BADAS – A MAJOR GENERAL HEALTH CARE PROVIDER IN THE COUNTRY

The inherent nature of diabetes mellitus is considered as a generalized disorder for which the facilities of BADAS are open to non-diabetic patients. However, diabetic persons get priority and certain privileges. With some variation among individual Enterprises/ AAs, about 30% to 40% of patients attending BADAS OPD/IPD facilities are non-diabetic and the proportion is even higher in case of people seeking diagnostic services.

Recent Departmental Development of Transfusion Medicine & Clinical Hematology:

- Recognition and running of Diploma in Blood Transfusion & serology (DBS&T) course.
- Recognition of FCPS (Transfusion Medicine) Training for 2 years.
- Single Donor Cell Separator Apheresis Platelet has been started.
- Platelet Regenerative Therapy (Dr. PRP) has been started, Patients of Plastic Surgery, Orthopedics, General Surgery and Physical Medicine are treated.
- OPD Blood and Blood diseases: OPD is running smoothly at Bishesaggo chamber Complex Room No.-210 (01) for the patient of Transfusion Medicine & Clinical Haematology.
- Bone Marrow aspiration study is running smoothly.

Department of Pediatrics

- Facilitator of Integrated Management of Childhood Illness (IMCI).
- Master trainer of Helping Babies Breathe Initiative (HBB).
- Facilitator of Emergency Triage & Treatment (ETAT).
- Master trainer of Comprehensive Newborn Care Package (CNCP).

Organ Transplant Unit of Ibrahim Cardiac Hospital

- Activities of Vascular Surgery & Kidney Transplantation have already been started. This department encompasses 18 beds including six Pre V.S.W, five Post V.S.W. and seven beds for N.B.S.W Hepato-Biliary-Pancreatic Surgery & Liver transplantation which will start very soon.
GENERATING SKILLED HUMAN RESOURCES IN DIABETES HEALTH CARE

In the context of a country like Bangladesh where research activities are usually thought to be a luxury, BADAS has taken an unusual approach by incorporating research in its priority list. Activities in this sector range from basic to clinical and public health research. As a recognition, the BIRDEM Enterprise of BADAS has been designated as Centre for research on the Prevention and Control of Diabetes and its Complications. At present, different organizations, particularly BIRDEM and BUHS are the preferred destination of a large number of basic and clinical sciences as well as public health students (from home and abroad) for conducting their post graduate level thesis works.

In FY 2017-18, a number of national and international publications and presentations originated from research activities were conducted in various departments or laboratories of BADAS and its different organizations.

Besides, a fairly large network around various national and international institutes or departments has been developed in diverse scientific fields.

BUHS houses the Secretariat of the Asian Network of Research on Antidiabetic Plants (ANRAP) and ICNPR which organized a few national and regional scientific conferences and seminars in this year. These events helped disseminate its own research finding and update knowledge by interacting with the regional and international counterparts.

The organization realizes that there is a shortage of skilled manpower in medical and technical field in the country. Hence, BADAS worked with the vision to create skilled manpower in both the fields and established BIRDEM Academy and Ibrahim Medical College to meet this end.

Formal Education

Ibrahim Medical College offers a five-year MBBS and BDS course as approved by the Bangladesh Medical & Dental Council, leading to MBBS degree of the University of Dhaka and one-year internship training at BIRDEM Hospital. Faridpur Diabetic Association Medical College and North Bengal Medical College also offers a five-year MBBS Course. Currently, BIRDEM is running some postgraduate courses under the University of Dhaka such as: DEM, MPhil, MS, MD, PhD etc.

Bangladesh University of Health Sciences (BUHS) of BADAS has been established at Darus Salam, Mirpur. The organization offers Graduate and Post Graduate courses under the Faculty of Basic Sciences, Faculty of Public Health, Faculty of Allied Health Sciences and Faculty of Health Engineering & Technology.

BIRDEM provides Diploma in Dermatology; Anesthesiology; Endocrinology & Metabolism; Radiology & Imaging; Dermatology & Venereology and Laboratory Medicine.

Faridpur Diabetic Association Nursing Institute, Rajshahi Diabetic Association Nursing Institute and Dinajpur Diabetic Association Technical Association provide Diploma in Nursing Sciences and Midwives.

Ibrahim Cardiac Hospital and Research Institute provides Diploma in Advanced Cardiac Nursing.
<table>
<thead>
<tr>
<th>Course</th>
<th>Institute</th>
<th>Discipline</th>
<th>Student Enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diploma</td>
<td>BIRDEM</td>
<td>Dermatology; Anesthesiology; Endocrinology &amp; Metabolism; Radiology &amp; Imaging; Dermatology &amp; Venereology and Laboratory Medicine</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>Dinajpur Diabetic Association, Technical Association</td>
<td>Diploma in Nursing Sciences and Midwives</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>Faridpur Diabetic Association Nursing Institute</td>
<td>Diploma in Nursing Sciences and Midwives</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>Rajshahi Diabetic Association Nursing Institute</td>
<td>Diploma in Nursing Sciences and Midwives</td>
<td>170</td>
</tr>
<tr>
<td></td>
<td>Ibrahim Cardiac Hospital and Research Institute</td>
<td>Diploma in Advanced Cardiac Nursing</td>
<td>40</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>Bangladesh University of Health Sciences</td>
<td>BSc in Laboratory Technology</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>BIRDEM Nursing College</td>
<td>BSc in Nursing</td>
<td>100</td>
</tr>
<tr>
<td>Graduate</td>
<td>Ibrahim Medical College</td>
<td>MBBS</td>
<td>110</td>
</tr>
<tr>
<td></td>
<td>Bangladesh University of Health Sciences</td>
<td>BS</td>
<td>449</td>
</tr>
<tr>
<td></td>
<td>Faridpur Diabetic Association Medical College</td>
<td>BPH</td>
<td>87</td>
</tr>
<tr>
<td></td>
<td>North Bengal Medical College</td>
<td>MBBS</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>BIRDEM Nursing</td>
<td>MBBS</td>
<td>70</td>
</tr>
<tr>
<td></td>
<td>BIRDEM Academy</td>
<td>MD</td>
<td>114</td>
</tr>
<tr>
<td></td>
<td>Bangladesh University of Health Sciences</td>
<td>MS</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MPH</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MS</td>
<td>146</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MPH</td>
<td>144</td>
</tr>
<tr>
<td></td>
<td>Ibrahim Cardiac Hospital and Research Institute</td>
<td>MD</td>
<td>5</td>
</tr>
</tbody>
</table>
Informal Education

Distance Learning Program (DLP) is a project of the Diabetic Association of Bangladesh to run distance learning course with a view to develop manpower in the field of diabetes throughout the country. The course was introduced in collaboration with the Open University, UK in 2004. The duration of these courses is six months (January-June & July-December Session). However, BADAS also offers other short courses.

To provide secondary and tertiary health care services, BADAS has one of the largest human resource bases which includes physicians, nurses/health educators and laboratory technicians.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BIRDEM</td>
<td>508 487</td>
<td>638 672</td>
<td>11 11</td>
<td>1361 1347</td>
</tr>
<tr>
<td>NHN</td>
<td>153 158</td>
<td>297 287</td>
<td>19 19</td>
<td>126 194</td>
</tr>
<tr>
<td>ICHRI</td>
<td>115 118</td>
<td>85 302</td>
<td>5 5</td>
<td>49 100</td>
</tr>
<tr>
<td>BIHS</td>
<td>127 112</td>
<td>71 67</td>
<td>8 5</td>
<td>89 77</td>
</tr>
</tbody>
</table>

Non-BIHS Components

- (AAs) in HCDP: 85 76; 87 70; 7 4; 151 143
- Affiliated Associations: 740 769; 631 711; 85 89; 829 864
- Total: 1728 1720; 1809 2109; 135 133; 2605 2725

**BUHS:** Lecturer: 20; Sr. Lecturer: 8; Assistant Professor: 23; Associate Professor: 10; Professor: 13;
Administration and supporting: 31; Laboratory: 5

**IMC:** Lecturer: 50; Curator: 1; Assistant Professor: 23; Associate Professor: 14; Professor: 12

Training Program/ Short Course offered by

**Training Activities:** Four nurses participated in fire extinguishing training. Two Nurses participated in Endoscopy training at Dhaka Medical College and Hospital (DMCH). Forty nurses had taken I.C.U training for one month from BIHS General Hospital.

In-service Education program is going on for all the nurses. 33 nurses are continuing the post Basic BSc in BIRDEM Nursing College.
Training Program at BIRDEM 1 & 2
Department of Diet and Nutrition (BIRDEM-1 & 2)

Training: Different types of participants attended different kinds of training program as follows:

<table>
<thead>
<tr>
<th>Types of Participants</th>
<th>No of Participants</th>
<th>Duration</th>
<th>From the Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctors</td>
<td>1 persons</td>
<td>2 days</td>
<td>Rajshahi Diabetic Somy</td>
</tr>
<tr>
<td>Doctors</td>
<td>4 persons</td>
<td>1 days</td>
<td>Dept. Of Endocrine, BIRDEM</td>
</tr>
<tr>
<td>Doctors</td>
<td>15 persons</td>
<td>2 days</td>
<td>BSMMU</td>
</tr>
<tr>
<td>Doctors</td>
<td>3 persons</td>
<td>6 days</td>
<td>Different Hospital</td>
</tr>
<tr>
<td>Doctors</td>
<td>40 persons</td>
<td>15 days</td>
<td>Post graduate Doctors, SSMC</td>
</tr>
<tr>
<td>Intern Nutrition</td>
<td>15 persons</td>
<td>6 mnly</td>
<td>BIRDEM</td>
</tr>
<tr>
<td>officer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Students</td>
<td>30 persons</td>
<td>3 days</td>
<td>Students of INFS, Dhaka University.</td>
</tr>
<tr>
<td>Students</td>
<td>9 persons</td>
<td>30 days</td>
<td>Students of Nutrition, National Home Economics College, Dhaka</td>
</tr>
<tr>
<td>Students</td>
<td>42 persons</td>
<td>7 days</td>
<td>Dept. Of Social welfare, DU &amp; JU, Dhaka.</td>
</tr>
<tr>
<td>Professionals</td>
<td>64 persons</td>
<td>3 days</td>
<td>BIRTAN, Dhaka.</td>
</tr>
<tr>
<td>(Govt. Officers)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nurses</td>
<td>6 persons</td>
<td>1 days</td>
<td>Kumudini Nursing College, Tangail</td>
</tr>
<tr>
<td>Nurses</td>
<td>78 persons</td>
<td>8 days</td>
<td>Different Hospital at Dhaka</td>
</tr>
<tr>
<td>Nutritionist</td>
<td>1 persons</td>
<td>15 Days</td>
<td>Rajshahi Diabetic Somy</td>
</tr>
<tr>
<td>Health Educator</td>
<td>2 persons</td>
<td>4 days</td>
<td>Rajshahi Diabetic Somy</td>
</tr>
</tbody>
</table>

Department of Endocrinology

- Six days a week outpatient clinic by consultants at specialist consultation center.
- Training and teaching of undergraduate students of Ibrahim Medical College and postgraduate MD Endocrine & Metabolism, Diploma EM students of BIRDEM Academy.
- Active participation in all academic activities held in BIRDEM (Journal club, Grand round, Clinical meeting, and CME program) as well as in other Institutions at home and abroad.
- Training of working doctors from different centers, NHN affiliated by Diabetic Association of Bangladesh and foreign students.
- Active involvement in DLP, Certificate course on Diabetology, EDC (Extension of Diabetes Care), Training of health educator, Nurses and Paramedic.
- Consultation in Ibrahim Cardiac Hospital.
Department of Critical Care Medicine (CCM)
- CPR program for consecutive three days in a month is going on.
- Seven workshops (serial no. of workshop 145-151) conducted on Basic (BLS) and Advanced Cardiac Life (ACLS) Support (CPR) with total 175 participants comprising doctors and nurses from BIRDEM and outside.

Department of Pediatrics and Neonatology
- Workshop at IPH on Kala azar
- Workshop on “World breast feeding day”
- Workshop on Imaging study in childhood respiratory illness
- Workshop on childhood endocrine illness arranged by PESB at BSMMU
- Workshop on Cerebral Palsy at BSMMU
- Workshop on Communicating Skill at BCPS
- Master trainer of Helping Babies Breathe Initiative (HBB)
- Facilitator of Emergency Triage & Treatment (ETAT)

- Master trainer of Comprehensive Newborn Care Package (CNCP)

Department of Gynecology and Obstetrics
- Presently MS Residency Course (Obs. & Gynae.) is running at BIRDEM Academy under BSMMU.
- Perinatal Death Audit (PND) meeting of the department Obs. & Gynae. and Pediatrics: Third Monday of the month.
- Short and long term training courses on laparoscopic surgery.
- Training of doctors for FCPS Part – II (Obs. & Gynae.)
- Training of MS students (Obs. & Gynae.)
- Research Methodology workshops / classes / programs as faculty.
- Teaching Methodology workshops / classes / programs as faculty.
- Working as Resource person of online course of BIRDEM Academy “Certificate of Medical Education”.

<table>
<thead>
<tr>
<th>Institute</th>
<th>Course/Training</th>
<th>No of Trainers / Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIRDEM</td>
<td>6 weeks Laparoscopic Surgery Training Course at MISC dept. of Obs. &amp; Gynae.</td>
<td>6</td>
</tr>
</tbody>
</table>
Department of Ophthalmology

- Certified 6-month course in Medical Education from January to June 2018.

Department of Anesthesiology & SICU Workshop


Training


Trainer

- As a Course Faculty of SAFE Course Organized by: World Federation Society of Anesthesiologist (WFSA), Association of anesthetia in Great Britain and Ireland (AAGBI) and Bangladesh Society of Anesthesiologist (BSA).

Training Experience

- SAFE OBSTRETICS Course organized by World Federation of Society of Anesthesiologists (WAFSA), Association of Anesthists of Great Britain and Ireland (AAGBI) & Bangladesh Society of Anesthesiologists (BSA), Bangladesh, from 13 – 15 May, 2017
- SAFE OBSTRETICS Course, Faculty Training organized by World Federation of Society of Anesthesiologists (WAFSA), Association of Anesthetists of Great Britain and Ireland (AAGBI) & Bangladesh Society of Anesthesiologists (BSA), Bangladesh, 16 May, 2017.
- Work experience in Bariatric anesthesia, in Max Institute of Minimal Access, Metabolic and Bariatric Surgery, Max Health Care, Saket, New Delhi, India.
Division of Laboratory Services

<table>
<thead>
<tr>
<th>Teaching facilities/ Course</th>
<th>Name of the course</th>
<th>Duration of course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Placement from other departments of BIRDEM</td>
<td>MD, Microbiology</td>
<td>3 months</td>
</tr>
<tr>
<td></td>
<td>MD, Histopathology</td>
<td>3 months</td>
</tr>
<tr>
<td>Placements from BSMMU</td>
<td>MD, Clinical Pathology</td>
<td>7 days</td>
</tr>
<tr>
<td>Placements from Armed Forces</td>
<td>Grading course of AFIP</td>
<td>7 day</td>
</tr>
<tr>
<td>Training from various institutes</td>
<td>Students from Dhaka university</td>
<td>3 months to 6 months duration</td>
</tr>
<tr>
<td></td>
<td>Rajshahi university and from different Institutes of Health Technology at Dhaka city</td>
<td></td>
</tr>
</tbody>
</table>

Department of Transfusion Medicine

<table>
<thead>
<tr>
<th>Item</th>
<th>Course</th>
<th>Enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training</td>
<td>MD, MS, FCPS, DBS&amp;T, MBBS( IMC)</td>
<td>275</td>
</tr>
<tr>
<td>Workshop</td>
<td>i. Interventional Pain Management by Autologous PRP (Dr. PRP)</td>
<td>350</td>
</tr>
<tr>
<td></td>
<td>ii. World Thalasemia Day.</td>
<td></td>
</tr>
<tr>
<td>CME</td>
<td>i. CME on LED Microscope demonstration</td>
<td>30</td>
</tr>
</tbody>
</table>

Department of Microbiology

- The department offers laboratory training to doctors, medical technologists, paramedics of the hospitals and allied institutions.

Department of Histopathology & Cytopathology

- Field training has been given on Histopathology for medical technologists.

Department of Immunology

<table>
<thead>
<tr>
<th>Courses</th>
<th>Name of the courses</th>
<th>No. of Student/participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training program</td>
<td>1-6 months training</td>
<td>12</td>
</tr>
</tbody>
</table>
Department of Radiology & Imaging

- Training for doctors deputed from different Affiliated Associations of the BADAS.
- Medical Technology Training.
- Honorary Training of post-graduate doctors.
- Both theoretical and practical classes are taken regularly by the faculty members for the above mentioned courses/ students.

Department of Pharmacology, Cell Biology and Molecular Genetics

- Coordinates a Research Methodology course organized by BIRDEM Academy.
- Lectures are given by ethics expert on research ethics.
- One month training program on “Clinical Nutrition and Dietetics” (4 batches).
- The internship program of 4th year students of Department of food and Nutrition, College of Home Economics has been supervised.

Department of Health Education

<table>
<thead>
<tr>
<th>Performed services</th>
<th>Service received (number of persons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Patient education</td>
<td></td>
</tr>
<tr>
<td>For newly detected diabetic patients (in group)</td>
<td>8583</td>
</tr>
<tr>
<td>Re-education of previously enlisted Patients, including preventive foot care education</td>
<td>100</td>
</tr>
<tr>
<td>2. Training program</td>
<td></td>
</tr>
<tr>
<td>Training of physicians</td>
<td>5 Physicians of different BADAS Affiliated Associations</td>
</tr>
<tr>
<td>Training of educators</td>
<td>6 Educators received formal 02-week Diabetes Educators Training</td>
</tr>
<tr>
<td>3. Clinical service</td>
<td></td>
</tr>
<tr>
<td>Out-patient clinical follow-up</td>
<td>7400</td>
</tr>
<tr>
<td>4. Other service</td>
<td></td>
</tr>
<tr>
<td>Visit by various institutes as part of academic program</td>
<td>8 visits by 430 persons of 5 institutes</td>
</tr>
<tr>
<td>5. Glucometer service</td>
<td></td>
</tr>
<tr>
<td>Training on glucometer operation</td>
<td>972</td>
</tr>
<tr>
<td>Tests done by glucometer</td>
<td>42,000</td>
</tr>
<tr>
<td>6. Insulin injection training</td>
<td></td>
</tr>
<tr>
<td>Syringe &amp; vial</td>
<td>6480</td>
</tr>
<tr>
<td>Pen device</td>
<td>3240</td>
</tr>
</tbody>
</table>
Training Program at Ibrahim Cardiac
Care for ventilated patients
Seven-day long Hands on training “Care for the ventilated patient” has been organized for professional development of doctors and nurses. During the year, two courses have been completed where 7 Doctors and 18 Nurses have participated and passed the courses successfully.

Certificate Course in Geriatric Care of ICHRI:
(Session: January - December, 2018) (1st Batch)
One year special certificate course in Geriatric Care has been introduced at Ibrahim Cardiac Hospital that aims to take care of aged people by setting up trained manpower in our country. The course started on 31st January, 2018. Currently, 17 students are continuing the course.

Cardio pulmonary Resuscitation
Cardio pulmonary Resuscitation (CPR) course with certificate awarding ceremony was held at Nursing training Institute of ICHRI on 8 October, 2017. The function was presided by Prof. Dr. M. A. Rashid, CEO & Professor of Cardiology at Ibrahim Cardiac Hospital & Research Institute.
Excellence in customer care

Ibrahim Cardiac Hospital & Research Institute arranged training program on "Excellence in customer care" on 27 September, 2017. The program was held in training room of organ transplant unit of ICHRI and was chaired by Honorable CEO, Prof. Dr. M A Rashid, focusing to improve the quality of Services, Activities, Processes, Procedures, Practices, and Human Resources.

Training on Excellence in Customer Care
Date: 27th September, 2017 (Wednesday)
Time: 2:30 pm to 6:00 pm
Venue: Training Room, Ibrahim Cardiac, Organ Transplant Unit (8th Floor)
Organized by HR & Admin Department
Ibrahim Cardiac Hospital & Research Institute

Training on NCD Prevention & Control 2017-2018 organized by BUHS in collaboration with DGHS of Bangladesh

Opening Ceremony of Diploma in Cardiac Nursing at Ibrahim Cardiac Hospital & Research Institute on 10-July-2017

Training on CGDM
Capacity Development for Combating Gestational Diabetes Mellitus (WDF 12-672)
Bangladesh University of Health Sciences (BUHS), in collaboration with the Diabetic Association of Bangladesh (BADAS) has implemented a project entitled 'Capacity development for combating Gestational Diabetes Mellitus (GDM) in Bangladesh' with support from World Diabetes Foundation (WDF).
Conducted Activities by BUHS

More than 2,799 health care providers have been trained from 15 training programs organized in Dhaka (Phase-1, Phase-2, Phase-3, Phase-4), Rajshahi, Sylhet, Tangail, Mymensingh, Faridpur, Barisal, Dinajpur, Comilla, Jessore, Bogra, Rangpur.

A total no of 47 round table advocacy meetings were conducted in Dhaka, Narayanganj, Munshiganj, Savar, Gazipur, Manikganj, Tangail, Rajshahi, Chapainawabganj, Natore, Noagaon, Sylhet, Sunamganj, Hobiganj, Moulvibazar, Mymensingh, Sherpur, Jamalpur, Netrokona, Faridpur, Rajbari, Madaripur, Shariatpur, Barisal, Pirojpur, Jhalakathi, Gopalganj, Diazpur, Nilphamari, Thakurgaon, Panchagar, Comilla, Chandpur, Laxmipur, Brahmanbaria, Jessore, Magura, Jhenaidah, Narail, Bogra, Joypurhat, Sirajganj, Pabna, Rangpur, Kurigram, Lalmonirhat, Gaibandha.

16 awareness symposiums were conducted in Dhaka-1, Dhaka-2, Dhaka-3, Dhaka-4, Dhaka-5, Rajshahi, Sylhet, Tangail, Mymensingh, Faridpur, Barisal, Dinajpur, Comilla, Jessore, Bogra, Rangpur.

The project has also completed 37 mass awareness program in Dhaka, Rajshahi, Sylhet, Mymensingh, Faridpur, Barisal, Dinajpur, Comilla Jessore, Bogra, Rangpur Cluster. By the mass awareness program, we have organized roadside cultural shows on open vehicles touring around various places to impart the messages on GDM.

14 days Computer Training Program was conducted by BUHS and organized by MIS, DGHS
INCORPORATING HEALTH SERVICE COVERAGE

In realization of increasing a universal health coverage to the people, BADAS started some of the projects in collaboration with various organizations. These services include preventive, curative and rehabilitative interventions that are of good quality and available at a reasonable cost. Some of the projects are as follows:

Ibrahim Healthline (Medical Call Centre)

Ibrahim Healthline, the call centre facility of Diabetic Association of Bangladesh (BADAS), began with the objective of extending healthcare services through mobiles to people in every corner of Bangladesh. BADAS along with its patient bank is in an ideal situation to best utilise the call centre with over 100 facilities across Bangladesh to improve referral cases amongst its Hospitals and Medical Centres as well as to improve service for the patients.

The call centre of Diabetic Association of Bangladesh (BADAS) was piloted from the premises of National Healthcare Network (NHN) Mirpur Head Office. It has been in operation for the last 2 years with patients registered through the NHN centres. NHN is one of the largest enterprises of BADAS and currently has over 20 medical centres situated across Dhaka and outside the capital. NHN was particularly chosen to pilot the call centre due to its successful management and delivery of medical services through multiple locations.

The Call Centre began with booths in NHN IGH Mirpur 10. After the 2-year pilot, the booths have now been opened in BIHS. Currently the Call Centre has 21 doctors attending calls in NHN IGH Mirpur 10 and BIHS Mirpur. The Call Centre includes 7 Nutritionists and Customer Support.

During the 2-year pilot phase, patients and/or people could register to the Call Centre for a minimalistic fee of Tk. 125 per year. Currently, there are 3 packages that are being operated:

Package 1: Introductory Package (New Diabetic Patients): Tk. 125 per year at NHN

Package 2: Basic Package (Old Diabetic Patients) Tk. 365 per year

Package 3: Tk. 499 per year in BIHS.

Tk. 125 per year and Tk. 365 per year packages provide the following services:

- Access to doctor 24 hours, 7 days a week.
- Access to Nutritionist.

Tk. 499 per year package includes:

- Access to doctor 24 hours, 7 days a week.
- Access to Nutritionist advice.
- Appointments with top consultants.
- Hospital admissions.
- Booking ambulance.
Health Micro Insurance (HMI) Project

HMI is a project of BADAS in collaboration with UICL (United Insurance Company Limited) & New Asia Group of Garment for providing comprehensive Medical Care to approximately 10,000-11,000 garment industry workers. In the pilot phase, Swiss Micro Insurance Consultancy Group (SMCG), Swiss Tropical and Public Health Institute (Swiss TPH) and BADAS have been collaborated to set up the initial system from their practical experience and expertise.

BADAS successfully completed 2nd year of the Health Micro Insurance (HMI) and has provided health care support to the garment workers in collaboration with National Health Care Network (NHN).

Through HMI, garment workers were able to access health service facilities from NHN centres in return for a minimalistic premium paid to an insurance company. In case of referrals and higher care components, other BADAS centres are also used. The premium is reimbursed by the workers' employer, which covers the costs for the health service.

Health coverage
BADAS provides comprehensive health coverage which includes
- Hospitalization,
- Outpatient treatment,
- Telemedicine,
- Consultation
- Routine investigations,
- Major and Intermediate surgery,
- Medicines,
- Ancillary services and
- Maternity benefits.

Garment workers Treatment Process

During working hours:
- The patient goes first to the factory medical facility
- If the factory medical facility is not able to treat the patient, the patient will be sent to any of the BADAS healthcare centres.
- Factory physicians also can provide medicine according to patient's need.

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Through HMI, garment workers were able to access health service facilities from NHN centres in return for a minimalistic premium paid to an insurance company. In case of referrals and higher care components, other BADAS centres are also used. The premium is reimbursed by the workers' employer, which covers the costs for the health service.
BADAS-Abloom signed agreement to provide healthcare services for garment workers on February 27, 2018

Diabetic Association of Bangladesh (BADAS) and Abloom Design Limited have jointly signed a Universal Health Coverage Plan Project on 20 February, 2018 to ensure comprehensive health coverage for more than 800 readymade garment workers of Abloom Design Limited.

This project will provide healthcare services to the readymade garment workers working in Abloom Design Ltd. including basic, secondary and tertiary level through the clinics and hospitals of BADAS. It will also provide different trainings and advices on how to get rid from dutch of the deadly diseases to help make them aware.

This four-year project is going to be implemented with the financial support from Weave our Future (WoF) foundation, a part of Auchan—a giant French retailer where Research, Training and Management International (RTM) will monitor the progress of this project.

Representatives from the participated organizations expressed their commitment and willingness to work together to improve the health and wellbeing of the garment workers.

Universal Health Coverage Plan (UHCP):

Universal Health Coverage Plan (UHCP) is a modified concept of the Health Micro insurance (HMI) project. It is a group medical coverage to provide essential medical services, outdoor & indoor treatment, health education and necessary medicines all in a single package to employees of different industries from different sectors in Bangladesh.

For the betterment of the monetary transaction without insurance, BADAS is piloting a new concept of UHCP for garment workers in collaboration with “Weave Our Future” (WoF).

In this project WoF, BADAS and Garment Industries will collaborate together where WoF will work as a donor, BADAS will work as Health Provider as well as management of the project and the Garment Industries will work as the Health Coverage Receivers. BADAS and Auchan International, a French retailer, through its foundation “Weave Our Future” plans to operate a Health Coverage Pilot Project among Ready-Made Garment Workers in the selected factories of Narayanganj area, Dhaka.
The healthcare services will be provided through medical centers/hospitals of BADAS situated at the Narayanganj area. Research, Training and Management (RTM) International will monitor the activities of the project as an independent monitoring organization assigned by WOF for the entire project period.

**UHCP Services:**
TOWARDS EXCELLENCE IN BIOMEDICAL

Major Research
Areas of Research

1. Basic Science Research
   Endocrinology, Microbiology, Histopathology & Cytology, Immunology, Radiology & Imaging, Biochemistry and Cell Biology, Pharmacology, Physiology

2. Clinical Science Research
   Dentistry, Dermatology, Internal Medicine, Gastrointestinal, Hepatobiliary and Pancreatic Disorders (GHBD), Nephrology, Endocrinology and Pulmonology, Cardiology, Pediatrics and Neonatology, Anesthesiology, Transfusion Medicine, Hemodialysis,

3. Public Health
   Socioeconomic Research, Health Economics, Nutrition, Epidemiology and Biostatistics,
   Community Nutrition, Health Promotion and Health Education, Noncommunicable Diseases (NCD)

Special Focus on
- Diabetes care and complication study
- Epidemiology of diabetes mellitus and other NCDs
- Socio-economic consequences of NCDs
- Public Health aspects of diabetes and other NCDs
- Etiopathogenesis of diabetes and its complications
- Plant materials as a source of antidiabetic agents
- Prevention of type 2 DM through lifestyle and dietary interventions
- Obstetrics & gynecological complications among diabetic subjects

Publications
BADAS Publication Department published three issues of the healthcare magazine ‘Kanti’ in the last financial year on the Diabetes Awareness Day, Diabetes Care day and World Diabetes Day. The department also published 12 issues of ‘Diabetes Newsletter’.
Other magazines

- Ibrahim Medical College published two issues of the 'IMC Journal of Medical Sciences'.
- BIRDEM published two issues of the 'BIRDEM Medical Journal'.
- Ibrahim Cardiac Hospital published 2 issues of the Journal & Special bulletin on cardiac complication "Cardiac Barta" published regularly.
- BADAS published informative 'Diabetes News Letter' in every month.
- Manual of Distance Learning Programme and Capacity Development for Combating Gestational Diabetes Mellitus has been published.

Various types of Leaflet, Poster, Banner, Flip Chat, Flash Card (like diabetes awareness, life style modification and prevention of diabetes, metabolic syndrome and so on) have been circulated on the special days and disseminated to the mass population.

On Going Research

1. Immediate post transplant response of patients to Ciclosporine and Tacrolimus based immunosuppressive therapy.
3. Post-transplant erythrocytosis experience in kidney transplant recipient in BIRDEM General Hospital
5. Feasibility study of a clinical trial of Behavioral intervention to improve periodontal Health among diabetic patients in Bangladesh
6. Socio-demographic, clinical & treatment outcome of Melioidosis and Sarcoidosis patients admitted in Medicine Department in

BIRDEM

7. Usefulness of Gene X-pert MTB/RIF in the Diagnosis of Extra-pulmonary Tuberculosis
8. Effects of ACE Inhibitor and Angiotensin receptor blocker on proteinuria and renal function in patients with type2 diabetes with overt nephropathy.
9. Comparison of quality of life of patients on ESRD on hemodialysis and CAPD.
10. Epidemiology of Acute Symptomatic Seizures among Adult Medical Admissions in diabetic patients
11. The Characteristics of Chronic Inflammatory Demyelinating Polyneuropathy in Patients with and without Diabetes – An Observational Study
12. Relationship Between Homocysteine and Carotid Artery Stenosis in Ischemic Stroke
15. Evaluation of renal function before and after A-H pyeloplasty determined by Tc99m DTPA renogram
16. Incidence and relationship of comorbidities with early complication and outcome of TURP.
17. Recurrence of non- muscle invasive transitional cell carcinoma of urinary bladder following resection and intravesical immunotherapy.
18. Study of CCT (Central Corneal thickness) in Glaucoma patients with or without Type-2 DM.
20. Association between sub clinical hypothyroidism & PDR in type 2 DM patients.
22. Comparative study of Endothelial cell count by specular microscopy in 2 different viscoelastic substance.

23. Relationship between Diabetic Retinopathy and Microalbuminuria.

24. Dexmedetomidine reduce the post operative analgesic requirement in laparoscopic cholecystectomy patient- A Comparative study.

25. Comparative study between IV paracetamol and IM pethidine for post-operative analgesia in laparoscopic cholecystectomy patient.

26. General anaesthesia with laryngeal mask for complicated diabetic patient (ASA IV), A better option than ordinary general anesthesia.

27. Epidural Blockade Modifies Perioperative Glucose Production

28. Diagnostic role of serum prolactin, interleukin-6 and C-reactive protein as early markers of neonatal sepsis.

29. Evaluation of erythrocyte reduced glutathione and serum magnesium level in type 2 diabetic patients with and without nephropathy attending in a tertiary care hospital of Bangladesh

30. Study on of erythrocyte reduced glutathione and serum zinc level in diabetic patients with and without retinopathy attending in a tertiary care hospital of Bangladesh.

31. Role of serum glutathione, zinc and copper in prostate cancer in Bangladeshi populations.

32. Biochemical markers for the early diagnosis of neonatal septicemia.

33. Serum zinc and copper as a biomarker in children with autism spectrum disorders.


35. Prediction of iron deficiency by Red cell distribution width (RDW), MCV and Hb% in pregnant women

36. Rhesus Phenotype and probable Genotype among patients attended in a tertiary level Hospital

37. "Integrated Approach to Increase Access to TB Service for Diabetic Patients" - a project of BADAS and USAID TB project, Bangladesh.

38. Studies on systemic and local immune responses to Salmonella enterica serovar Typhi by prime boost strategy with different preparations of Salmonella antigen(s).

39. Study on microbial aetiology of neonatal sepsis in a tertiary care hospital in Bangladesh.

40. Study of carbapenem and colistin resistance in gram negative bacilli in a tertiary care hospital of Bangladesh.

41. Studies on Polymorphonuclear neutrophil and humoral immune responses to Burkholderia pseudomallei in patients with Diabetes Mellitus.

42. Development of a Modified selective medium and application of rapid immunological method for direct detection of Burkholderia pseudomallei from soil.

43. “Clinicopathological study of prostatic diseases and its correlation with prostate specific antigen level, size of prostate and Gleason’s scoring system in case of carcinoma” (by Dr. Sonia Mahmuda Haque).

44. “A study on biopsied skin lesion in diabetic patients and its correlation with glycosylated Hb, vascular changes and duration of diabetes mellitus”(by Dr. Kajol Akter).

45. “Determining the expression of Vascular Endothelial Growth Factor (VEGF) in invasive breast carcinoma & its correlation with tumour markers (ER, PR, Her-2/neu) and tumour grade” (by Dr. Shakila Jannat).

46. Thyroid Auto-immunity: Thyroid autoantibodies in hypothyroidism patients with type 2 diabetes mellitus.

47. Diabetes Immunology:Soluble CD36, adiponectin and high sensitivity C-reactive protein (hsCRP) as
diagnostic biomarkers of metabolic syndrome.

49. Identifying Prognostic biomarkers of type 2 diabetic Patients & developing low cost genetic screening tests for Bangladeshi population.

**Workshop, Conferences and Seminars**

**Free Medical Campaign on Infertility Program by Dr. Sarat Battina from India**

BIHS General Hospital has arranged a two-day Medical Campaign on Infertility Program for childless couples on 12 and 13 April, 2018 at BIHS General Hospital from 10 am to 6 pm. The renowned Infertility specialist Dr. Sarat Battina MD, DGO from India was present in this campaign and provided free consultancy.

**Occupational and Environment Health and Safety Forum of Bangladesh and Department of Occupational and Environmental Health of BUHS organized CPHE Program on World Environment Day in 2017.**

**Biostatistics Department of BUHS Organized the ‘Three-Day SPSS Workshop’**

Department of Biostatistics of the Bangladesh University of Health Sciences (BUHS) organized a ‘Three-Day SPSS Workshop’ for biomedical, public health and Social science researchers on 10-12 April 2018. The objective of the Workshop is to familiarize the researchers on the relevant features of the software in the light of current advancement in the field.

**Continued Education Program on Latest Trendz of Cytotechnology was organized by BUHS on February 17, 2018**

**Dep. of Biostatistics (BUHS) is Going to Organize 3 DAY SPSS Workshop 10-12 April 2018**
Highlights from the European Society of Hypertension 2018

A Scientific webinar on “Highlights from the European Society of Hypertension 2018” held at Conference Room of ICHRRI on 11 June, 2018. Prof. G. Mancia and Prof. K. Tsioufis were live from Barcelona, Spain at 04 to 05 pm by Hype web. Prof. G. Mancia is the Past President of the ESH, Co-Chair of the 2018 Guidelines Committee University of Milano-Bicocca, Milan -ITALY and Prof. K. Tsioufis is Current President of the ESH, First Cardiology Clinic, National & Kapodistrian University of Athens Hippokration, Hospital, Athens – GREECE.

International Advanced Vascular Symposium & Workshop was organized by ICHRRI on 23rd September 2017

Aortic Dissection Awareness Day was observed on 19 September, 2017

ICHRI observed the very first “Aortic Dissection Awareness Day” in Bangladesh along with 45 other countries around the globe! A faculty discussion on this rare disease awareness took place at BIRDEM auditorium, chaired by Honorable CEO and chief patron Prof Mohammad Abdur Rashid. Prof AK Azad Khan, President of Bangladesh Diabetic Association was present as the Chief Guest.

Bangladesh Chapter for Aortic Dissection Awareness Day 2017 released the poster in 2017.

During the year, the following events took place regarding the Aortic Dissection Awareness for the international committee:

- One hour faculty discussion about aortic dissection with invited cardiac surgeons, cardiologists for all major cardiac hospitals who will be invited from Bangladesh to Dhaka.
- Awareness rally in Dhaka city center where staff from hospital will distribute leaflets to common people about aortic diseases in Bengali language.
- Round table discussion at national press club with journalists, surgeons and policy makers about aortic surgery and treatment of thoracic aortic diseases in Bangladesh.
Advanced Vascular Surgery Symposium was organized by ICHRl

Seminar on Liver Transplantation

Date & Time: 22nd July, 2017 at 8:30 am (Saturday)
Venue: BIRDEM Auditorium, 2nd floor

Speaker
- Dr. K.R. Vasudevan
- Prof. A.K. Adarsh
- Prof. K.N. Kumar Tandon
- Prof. M.B. Mohan

Chairpersons
- Prof. A.K. Adarsh
- Prof. K.N. Kumar Tandon

Chief Guest
- Prof. K.N. Kumar Tandon

Welcome Address
- Prof. Mohammad Ali

Addressee
- Dr. Vimal Thakur
- Dr. M.K. Mohan
- Dr. M.K. Mohan
- Dr. M.K. Mohan

All interested Doctors are kindly requested to attend.

Organized by:
- BIRDEM Liver Transplantation Unit
- BIRDEM Hospital & Research Institute
- BIRDEM General Hospital

Conference

8th Regional Public Health Conference 2017 was held at BUHS on 29-30 December, 2017

23rd Diabetic & Endocrine Conference was held at BUHS on 25-27 January, 2017
ADDRESSING ACCESSIBILITY AND AFFORDABILITY

From the very beginning, BADAS is following the principle of decentralization with dispersion of its facilities all over the country and creating local level ownership for these facilities. Along with the facilities and setting service fees within reasonable limit, BADAS is continuously trying to make healthcare accessible and affordable to the people by saving substantial amount of indirect and opportunistic cost. It is also making a great contribution in affordability by creating human resources in health which ultimately helps increase supply in the healthcare market and lower the cost.

Despite the resource constraints, BADAS is also addressing the learning issue of marginalization of the vulnerable groups (women, children, aged persons, tribal groups etc) by providing free subsidized healthcare to relatively poorer patients (with special focus on diabetes) through a system of social welfare.

In FY 2017-18, an approximate average of 30% revenue from services in all EPs/Affiliated Associations was dedicated to social welfare. A Social Welfare Unit has been made mandatory in each facility under EPs/Affiliated Associations. BADAS also arranges rehabilitation for the patients with special program.

It is understood, however, that the services are still highly limited. The BADAS model has attracted great attention due to its sustainability issue. It has been achieved in 3 district level integrated components. The organizational sustainability is earned by its decentralized plan and democratic management policy whereas technical sustainability is earned by attracting high quality human resources with competitive remuneration and carrier planning.

The challenging component of financial sustainability is achieved through a unique blend of Public-Private partnership and Cross-financing.

Rehabilitation

The main objective of Rehabilitation and Vocational Training Centre is to train the poor young Diabetic patients and help them get employment after completing due training in different Trades. This helps the Diabetic patients lead a meaningful, respectful life by generating their own means and resources for the control of their diabetics.

Activities

As a part of these objectives, the Centre receives and procures orders for the production of small tools, jute mills machinery spares parts and other items for different organizations including BIRDEM Hospital, NHN (National Healthcare Network), Ibrahim Cardiac Hospital & Research Institute, Ibrahim Medical College,
Health Care Development Project (HCDP), G.R foundation, Japan Bangladesh Friendship Hospital (Pvt.) Ltd. Central Hospital, Aysha Memorial Hospital etc. and different Jute Mills under Bangladesh Jute Mill Corporation (B.J.M.C).

Rehabilitation & Vocational Training Centre presently has 09 (Nine) number diabetic patients. They are undergoing training and are engaged in the Engineering workshop as a helper. All of their expenses (boarding + lodging + allowance) are borne by the Centre.

- To establish a central Paediatric diabetes clinic in Dhaka and two satellite clinics in two districts of Bangladesh.
- To train doctors and educators in the diagnosis, management and complications of Diabetes in children.
- To develop a training manual for Health care professionals and education program for children and their families considering the special needs of the children.
- To provide free, comprehensive care including medical consultations, education, insulin and syringes, HbA1c with other investigations, Glucometer with strips to all children with diabetes.
- To organize Diabetes camp once every year.
- To establish a national registry of children with diabetes.
- To create awareness about diabetes in the community.

The project was inaugurated in January 2010 at BIRDEM, Shahabag, Dhaka. The clinic was shifted from BIRDEM to BIRDEM-2. It was inaugurated by Crown Prince Frederik, Kingdom of Denmark, on 17 March, 2012. Teamwork was the main theme of CDIC which included Paediatric diabetologist, Diabetes educators, Psychologist, Nutritionist and others.
Following services were provided free of cost at CDIC:
- Monthly consultation
- Diabetes education
- Psychosocial screening & counseling
- Yearly review and complication screening
- Investigations including:
  1. HbA1c
  2. Urine for micro albumin
  3. Blood Glucose
  4. Lipid profile & others
     - Insulin with syringes
     - Glucometer with strips
     - Transport cost to poor patient
     - Home visit of the non complaints patients

Organized Program:
- Diabetes Camp annually
- School awareness program
- Awareness programs in media
- Other Diabetic center visit

Up to Financial Year 2017-18, a total of 2390 children and adolescents was enrolled in CDIC program who came for the follow up regularly. CDIC emphasized on diabetes education combined with appropriate motivation of the patients, caregivers to improve the glycemic control and quality of lives.

Life for a child (LFAC)
Programme in Bangladesh is a joint initiative of BADAS (Bangladesh Diabetic Association) & IDF (International Diabetes Federation). It was started in July 2010. The aim was to provide free support to underprivileged young diabetics from 1 to 26 years of age.

LFAC is now covering 58 among 64 districts of Bangladesh. Majority of the patients cannot afford to come to Dhaka center, so insulin are sent to peripheral Diabetes centers. 2783 children, adolescents and young adults have been enrolled in LFAC programme since June 2018. 332000 pcs strip was distribution in this FY and 910 patients are using glucometer.
CONTRIBUTING TOWARDS REGIONAL DEVELOPMENT

In the context of a country like Bangladesh where research activities are usually thought to be a luxury, BADAS has taken an unusual approach by incorporating research in its priority list. Activities in this sector range from basic to clinical and public health research. As a recognition, the BIRDEM Enterprise of BADAS has been designated as Centre for research on the Prevention and Control of Diabetes and its Complications. At present, different organizations, particularly BIRDEM and BUHS are the preferred destination of a large number of basic and clinical sciences as well as public health students (from home and abroad) for conducting their postgraduate level thesis works.

Collaboration of BADAS with different International Organizations/ Universities

- DaAn Health, China
- Aga Khan Foundation
- World Diabetes Foundation
- Self-funding of CGHR
- FAO, Bangladesh Office
- Ministry of Science and Technology
- University of Oslo, Norway
- Bangladesh Academy of Sciences
- Rotary Club of Metropolitan, Dhaka
- Swiss Tropical Institute
- USAID
- Taras Shevcheoko National University of Kyiv
- University of Santo Tomas, Manila, Philippines
- The University of Queensland, Australia
- University of Karachi, Pakistan
- University of Copenhagen, Denmark
- Deakin University (Australia)
- University of New South Wales (Australia)
- University of Western Sydney (Australia)
- University of Putra (Malaysia)
- University of Ukraine
- Deakin University (Australia)
- European Union (FP7-HEALTH-2011)
- University of Pennstate, Pennsylvania, USA
- Baqai Medical University, Karachi, Pakistan
- University of Kolkata, India
- Malaysia Healthcare Travel Council (MHTC), Ministry of Health, Malaysia (MOH)
- Max Canter for Liver Transplant and Biliary Science (MCLBS), New Delhi, India
- Danish Knowledge Center for Rehabilitation and Palliative Care (REHPA), Denmark, DK.
- University of Exeter Medical School, Exeter, UK
- Muntada Aid, UK, Paediatric Therapy and Surgery
National and International Collaboration

MoU Signing ceremony
On 31 October 2017, an agreement entitled Memorandum of Understanding (MoU) was signed between Ibrahim Cardiac Hospital & Research Institute and BIRDEM Academy in presence of Chief Executive Officer of ICHRI & DG BIRDEM General Hospital. This agreement was made to establish academic collaboration between the ICHRI and BIRDEM Academy for postgraduate courses in MD (Cardiology) and MS (Cardiothoracic Surgery).
MoU aimed to formalize, strengthen and expand the collaboration between the institutions with regard to postgraduate courses in ICHRI in the following areas:

- Exchange of students between these institutions for up gradation of theoretical and clinical knowledge in postgraduate training and courses.
- Exchange of faculties between the institutions for academic development.
- To collaborate the activities of postgraduate medical courses and other academic activities.
- To collaborate in conducting MD (Cardiology) course at Ibrahim Cardiac Hospital & Research Institute.
- To participate in the studies and research works.

All the students were placed under BIRDEM Academy for phase-A Course and abided by all the rules and regulations outlined for students of other MD courses run by the Academy. Similarly students abided by the rules and regulations of ICHRI during phase-B period as well.

The MoU is amendable through mutual understanding for the interest of both institutions.

Capacity Development for Combating Gestational Diabetes Mellitus (WDF 12-672)
Bangladesh University of Health Sciences (BUHS), in collaboration with the Diabetic Association of Bangladesh (BADAS), has been implementing a project entitled ‘Capacity development for combating Gestational Diabetes Mellitus (GDM) in Bangladesh with support from World Diabetes Foundation (WDF).

The goal of the project is to develop capacity in terms of human resources, standardized protocols, culturally sensitive BCC tools, and organized awareness/advocacy campaigns which ultimately will equip GO, NGO and private sectors for better prevention and management of GDM.

Collaboration with AFASSA
According to general understanding with AFASSA, ANRAP keeps a small amount of money to provide subsistence allowance to a young scientist or postgraduate student if he/she comes from Africa or South America to an ANRAP participating laboratory in Asia.

AFASSA is supposed to bear her/his travel expenses either from its own fund or from some other source. Although there were two Fellowship possibilities that had been discussed: one from Cameroon to Dhaka and one from Mauritius to Karachi. However, none of them worked out. AFASSA was funded by IPICS in 2010, but it is possible that AFASSA will secure fund from other sources. It is also likely that if any constituent Network of AFASSA sends a Fellow to Asia to work in the area of anti-diabetic plants, ANRAP will bear her/his local hospitality.
ACTIVITIES BEYOND THE COUNTRIES

Medtronic and Diabetic Association of Bangladesh announce partnership to improve access to diabetes care in Bangladesh

Bob White, President, Medtronic, APAC; Madan Krishnan, Vice President, Medtronic, Indian Sub-continent; Dr. AK Azad Khan, President of Diabetic Association of Bangladesh signing the Memorandum of Understanding (MoU) agreement in Mumbai.

Farrukh Alam, Country Manager, Medtronic, Bangladesh; Ravi Kaushik, Director- Diabetes, Medtronic, Indian Subcontinent.

Medtronic plc. announced a strategic partnership between India Medtronic Private Limited which is its wholly owned subsidiary in India, and Diabetic Association of Bangladesh to improve outcomes for patients using diabetes care technologies. The MoU agreement was signed by Bob White, President, Medtronic, APAC, Madan Krishnan, Vice President, Medtronic, Indian Sub-continent, and Prof. Dr. AK Azad Khan, President of Diabetic Association of Bangladesh.

With a total population of more than 160 million, Bangladesh is one of the countries that has the highest number of people with diabetes. The International Diabetes Federation (IDF) estimates that there are 7.3 million people with diabetes in Bangladesh and almost an equal number with undetected diabetes. This number is estimated to get double by 2025. To address the need for increased screening, diagnosis, and treatment, Medtronic and the Diabetic Association of Bangladesh jointly aim to improve access to world class diabetes care by offering therapies and clinical expertise to patients registered with Diabetic Association of Bangladesh.

MoU between BADAS and Kolkata Diabetes Awareness & You

A Memorandum of Understanding (MoU) was signed between Diabetic Association of Bangladesh (BADAS) and Diabetes Awareness & You of Kolkata for Diabetes Education Program. Under this agreement, Bangladesh Diabetic Association will cooperate to introduce all the CCD courses (Certificate Course on Diabetes) to establish Diabetes specialist doctors in West-Bengal.
On this occasion, a special ceremony was held on 27 September, 2017 at BIRDEM Hospital in Dhaka. After the ceremony, the MoU was signed by Prof. AK Azad Khan, President of the Diabetic Association of Bangladesh and Dr. Debasish Basu, President of Diabetes Awareness and Youth of Kolkata.

The MoU signing ceremony was presided by the President of the Diabetic Association of Bangladesh, AK Azad Khan where the function was addressed by the Foreign Minister of Bangladesh Mr. AH Mahmood Ali as the chief guest and Indian High Commissioner to Bangladesh Mr. Harsh Vardhan Shringla as the special guest. Secretary General of BADAS, Md. Sayef Uddin was also present in the program.

In the fourth floor conference room of the Diabetic Association of Bangladesh on 11 November, 2017, the MOU signing ceremony was held between Ibrahim Cardiac Hospital and Research Institute and India’s famous Max Center for Liver Transplant & Biliary Sciences, (MCLBS) which is located in New Delhi, India. President of the Diabetic Association of Bangladesh, Prof. A. K. Azad Khan, Secretary General, Md. Sayef Uddin and Max Center of Liver Transplant & Biliary Sciences Surgeon and eminent officials were present.

In this context, the speakers expressed their firm determination to work with the Bangladesh jointly to make skilled, experienced manpower and provide better treatment at affordable rates to the outgoing patients through future Liver transplantation and other services.
EXPANDING MOVEMENT OF DIABETES CARE DELIVERY

Special Program of Dental Unit
Smoking Cessation intervention program was started in the department of Dental Surgery under the leadership of Prof. Dr. Arup Ratan Chowdhury since August, 2016. A committee was formed where Prof. Dr. Anwara Sayed Haque was the adviser.

Tobacco users were requested to contact Prof. Dr. Arup Ratan Chowdhury of the Department of dental surgery.

Dr. Umme Salma Talukder, Junior Consultant of the Department of Psychiatry BIRDEM and Mrs. Sadia Sharmin Urmi, a clinical Psychologist of MANAS attended them for “Tobacco Cessation and Quit smoking program” on every Thursday of the week from 2.00pm to 4.00pm.

Consultation fee of 300 taka was charged for this program.

BADAS-USAID Challenge TB Project, Bangladesh
Realizing the national and global TB and Diabetes Mellitus (DM) situation, BADAS-USAID TB CARE II Project, Bangladesh has been operational since July, 2013. It has aimed to increase the access of TB services for all the Diabetic patients.

Since the TB CARE II project was completed successfully in June, 2015, another similar project entitled BADAS-USAID Challenge TB Project, Bangladesh was launched in July, 2015 with the same objectives. To achieve the objectives, a series of activities was accomplished in the duration of July, 2017 to June-2018.

Organ Transplant Unit of ICHRI
Activities of Vascular Surgery & Kidney Transplantation have already been started. This department encompasses 18 beds including six Pre V.S.W, five Post V.S.W. and seven beds for N.B.S.W Hepato-Biliary-Pancreatic Surgery & Liver transplantation which will start very soon.

Pre-conception care Through Kazi’s (Marriage Register)
Prevention of non-communicable diseases (NCDs) particularly gestational diabetes (GDM) through Marriage Register (Kazis)
To improve community awareness on preconception care and prevention of non-communicable diseases (NCDs) particularly gestational diabetes (GDM) among newly married couples of Bangladesh through religious leaders (Kazis). Target peoples are Newly married couples, Religious leaders (Kazis) and Health service providers (Physicians, Nurses and Educators)
Landmark Achievements are

- The National Council of BADAS has taken pre-conception care (PCC) as one of the core programs of the Association.
- BADAS has launched a pre-conception counselling package in a minimum cost (600 Taka).
- Honorable President, Honorable Prime Minister, Honorable Minister of Health and Family Welfare of Govt. of Bangladesh have endorsed the preconception care and planed pregnancy.
- Ministry of Information, Ministry of Women and Child Affair and Non-Communicable Disease Control Program of Directorate General of Health Services and Rotary Bangladesh have also endorsed PCC program.
- WDF has published two cover stories about Preconception Care Project.
- BADAS has also launched a national campaign "Healthy Mother- Health Children- Healthy National: All Pregnancy Should be Planned."
- Success story of PCC program discussed in 3rd UN High-level Meeting on Non-communicable Diseases.
FREE DIABETES HEALTH CARE DELIVERY

Financial Picture
Social Welfare department of BIRDEM started functioning since the inception of BADAS in 1956, with the following assignment-
1. To help the poor & destitute diabetic patients.
2. To rehabilitate the young diabetic patients.
In the FY 2017-18 BADAS provided Free service to the poor patients:Taka 81.37 crore

Table: Statement of Free Services during the Fiscal Year 2017-2018

<table>
<thead>
<tr>
<th>Name of the Institute /Project</th>
<th>Financial Year</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>2016-2017</td>
</tr>
<tr>
<td>BIRDEM:</td>
<td></td>
</tr>
<tr>
<td>a. Medicine</td>
<td>3.47</td>
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<tr>
<td>b. Hospital Seat Rent</td>
<td>5.29</td>
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<tr>
<td>c. Operation</td>
<td>3.18</td>
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<tr>
<td>d. Investigations</td>
<td>16.91</td>
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<tr>
<td>e. Out Patients Services</td>
<td>18.06</td>
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<td><strong>Sub Total</strong></td>
<td><strong>46.91</strong></td>
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<tr>
<td>BADAS for Insulin</td>
<td>11.42</td>
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<tr>
<td>NHN (Investigations)</td>
<td>3.04</td>
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<td>HCDP (Investigations)</td>
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<td>ICHRI (Discount)</td>
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<td><strong>Total</strong></td>
<td><strong>93.83</strong></td>
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## BADAS Finance at a glance in FY 2016-2017 and FY 2017-2018

<table>
<thead>
<tr>
<th></th>
<th>2016-2017 (Figures in Crore)</th>
<th>and</th>
<th>2017-2018 (Figures in Crore)</th>
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<tbody>
<tr>
<td></td>
<td>Income</td>
<td>Exp</td>
<td>Surplus/ (Deficit)</td>
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<tr>
<td>BADAS HO</td>
<td>51.48</td>
<td>50.59</td>
<td>0.89</td>
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<tr>
<td>BIRDEM</td>
<td>179.00</td>
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<tr>
<td>NHN</td>
<td>41.04</td>
<td>42.13</td>
<td>(1.09)</td>
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<tr>
<td>RVTC</td>
<td>3.02</td>
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<td>ICHRi</td>
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<td>IMC</td>
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<tr>
<td>KALTU</td>
<td>0.48</td>
<td>0.44</td>
<td>0.04</td>
</tr>
<tr>
<td>BIHS</td>
<td>1.36</td>
<td>2.82</td>
<td>(1.46)</td>
</tr>
<tr>
<td>HCDP</td>
<td>71.32</td>
<td>92.27</td>
<td>(20.95)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>445.71</strong></td>
<td><strong>454.01</strong></td>
<td><strong>(8.30)</strong></td>
</tr>
</tbody>
</table>
# List of Significant Donors

List of significant donors in the current financial year

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Name</th>
<th>Address</th>
<th>Amount in BDT</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>BADAS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>Donation: Construction of BIHS Building, Darus Salam, Mirpur, Dhaka-1216</td>
<td>DBL Group</td>
<td>4000000</td>
<td>Construction Work</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Square Group</td>
<td>20000000</td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>Donation: Insulin</td>
<td>International Diabetic Federation (IDF)</td>
<td>6595040</td>
<td>Donations for LFC</td>
</tr>
<tr>
<td>B</td>
<td>Donation: NHN</td>
<td>Incepta Pharmaceutical</td>
<td>ACI Centre, Tejgaon</td>
<td>10,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Industrial Area</td>
<td>100,000</td>
<td>Cheque</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Banani, Dhaka</td>
<td>50,000</td>
<td>Cheque</td>
</tr>
<tr>
<td>C</td>
<td>BIRDEM</td>
<td>Mrs. Afsana Shirin</td>
<td>40,000</td>
<td>In Kind</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mrs. Amina</td>
<td>50,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Center For Zakat Management</td>
<td>300,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mr. Naveed Asif Ahmed</td>
<td>750,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mrs. Zareen Asif Ahmed</td>
<td>750,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Nasim Jahan</td>
<td>50,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lions Club Int. Dist 315 B2.B</td>
<td>20,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Justice Sayed Amirul</td>
<td>100,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mr. Noor Mohammad</td>
<td>100,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mr. A.M. Khurshidul Alam</td>
<td>500,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prof. Jafar Ahmed Latif</td>
<td>50,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mrs. Humaira Fatema, Hamin</td>
<td>100,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mrs. Farida Salauddin</td>
<td>30,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>National Fan Ltd</td>
<td>55,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prof. Humayun Kabir</td>
<td>179,256</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Others</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>ICHRI</td>
<td>Dr. Rudaba Khondker</td>
<td>10,000</td>
<td>600,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bangladesh University of Business &amp; Technology</td>
<td>Dhaka, Bangladesh</td>
<td>20,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Samsun Nahar Begum</td>
<td>10,000</td>
<td>For 2 wheelchair</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mrs Eqbal Nasreen</td>
<td>77,000</td>
<td>For 11 Micro oven</td>
</tr>
<tr>
<td>E</td>
<td>IMC</td>
<td>Khaled Mansur Trust</td>
<td>5000000</td>
<td>Used for</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>To establish AK Mansur Research Laboratory</td>
</tr>
</tbody>
</table>
PRIVATE PUBLIC PARTNERSHIP

Public-Private Partnership (PPP) is now the most widely appreciated strategy in almost all areas of development and it is particularly emphasized in the health sector. Silently over the years, BADAS has been piloting probably the largest health program in the whole world following the principle of PPP. Almost all the capital development in BADAS EPs and larger AAs has been contributed, directly or indirectly by the Government, mainly through the Ministry of Social Welfare or Ministry of Health & Family Welfare. A number of private philanthropists and a few national/international enterprises/development partners have also contributed to infrastructure development of BADAS facilities. On the other hand, BADAS generates almost all operating expenditures on its own through high quality diagnostic and treatment services (and recently through education as well). The annual contribution of the public sector fund to the recurrent budget of BADAS constitutes less than 15% of the total expenditure of the organization. Contribution from donation, lottery etc is insignificant in the overall budget. Only some research activities of Projects of BADAS have some external support but that is a small part of the overall budget.

The secret of generating the large amount of fund lies in the capacity to provide high quality services through appropriate manpower and cutting edge of technology. Affluent people are attracted to such services and the revenue generated from these people are used for equal grade of services to the general mass with exemption poor and vulnerable groups. This Cross-Financing Model earlier worked for nondiabetic to diabetic subjects, but now it is being extended to Richer-Poorer patients.

A number of local philanthropists also participated in this year for the development of BADAS.

The BADAS Project and Development Office deals with all the development projects and works undertaken by the Association. This office is responsible mainly for formulation of project documents, processing of the approval of the projects and implementation of the projects/development works. It also regularly monitors the progress of project implementation and submits physical and financial progress reports to various institutions and authorities. A brief on the on-going and future projects of BADAS is presented below:

1. Establishment of a 50 bedded Diabetes, Endocrine and Metabolic Hospital for Women and Children at Uttara, Dhaka (1st revised)

The project was implemented by BADAS in association with Department of Women Affairs under the Ministry of Women and Children Affairs. The project was originally approved with a total cost of Tk. 2399.59 lakh (GoB: Tk. 1439.75 lakh and BADAS: Tk. 959.84 lakh). But later on due to change of PWD schedule, the project was revised with a cost of Tk. 2633.63 lakh (GoB: Tk. 1579.53 lakh and BADAS: Tk. 1054.10 lakh). The civil works of the project was implemented through PWD as deposit work. The project has been completed on 31 March, 2018 and handed over to National Health Care Network (NHN). The hospital has now become functional after inauguration on 12 September, 2018.
2. Establishment of a 100 Bedded Specialized Hospital in Comilla.

The project is being implemented by BADAS in association with Department of Social Services under the Ministry of Social Welfare. The project has been approved by the Government of Bangladesh on 19 July, 2018 with a total cost of Tk. 4934.40 lakh (GoB: Tk. 3454.08 lakh and BADAS Tk. 1480.32 lakh). The implementation period of the project is from July 2017 to June 2020. The civil works of the project will be executed through PWD as deposit work. Necessary preparatory works have been undertaken for startup implementation of the project.

3. Construction of Malek Chowdhury Academic Building at Mirpur

Notifications of Awards (NoAs) were issued at a cost of Tk.1795.28 lakh and Tk. 39.54 lakh for civil works and ancillary works, respectively for 1st floor to 5th floor of the said academic building for BUHS at Darus Salam, Mirpur under second phase. Structural works for 1st floor to 4th floor have already been completed. The construction work was undertaken by PWD and a total of Tk. 639.00 lakh was disbursed to PWD for this work upto June 2016. Due to scarcity of fund, the construction work has remained suspended from May 2016.

4. Saima-Ibrahim Nursing College and Institute at Shafipur

A 4-storied building having an area of 38061 sq. ft. has already been constructed for this institute and handed over to National Health Care Network (NHN). The ground floor and 1st floor of the building are being used as nursing college as planned originally. Third floor was designed as temporary accommodation for the foreign faculties and the 4th floor was designed as hostel for the nurses; for which contractor was selected. But such works could not be started due to scarcity of fund.

5. Establishment of 2nd Unit (Cardiac and Thoracic) at Mirpur, Dhaka

A project proposal has been prepared for creating more facilities for preventive, curative and promoting treatment of heart disease through extension of Ibrahim Cardiac Hospital and Research Institute at Darus Salam in Mirpur. BADAS will implement this project in association with Department of Social Services. The total cost of the project is estimated at Tk. 2478.83 lakh (GoB 1487.00 lakh and BADAS 991.83 lakh) with a project period from July 2018 to June 2021. The DPP has been submitted to the Ministry of Social Welfare for consideration of approval.
AFFILIATED ASSOCIATIONS’ AFFAIRS

Realizing the importance of decentralization, Diabetic Association of Bangladesh (BADAS) initiated its Affiliated Association activities in mid-seventies with a unique model of community participation, local level leadership & autonomy, and friendly supervision & monitoring through a flexible system of affiliation.

Decentralized healthcare system was absolutely required for this purpose but public hospitals and healthcare centres did not have adequate services for diabetic patients, particularly in peripheral areas. The growth in number of Affiliated Associations was found to be slow in the beginning with 5 Associations by 1980 and 11 Associations by 1985. However, it became a highly popular movement in the last three decades with 46 Associations by 1999 and later increased to 60 Associations including Sub-affiliated Associations by 2007. In 2012, three new Sub-affiliated Associations were formed and came forward actively for prevention and awareness of Diabetes Care Delivery. Currently, BADAS has 61 Affiliated Associations and 13 Sub-affiliated Associations.

Affiliated Associations of BADAS


Sub-affiliations located at

14 Sub Affiliated Associations are located at Bheramara, Birampur, Companyganj, Raipur, Shatkonia, Palashbari, Shingra, Nalitabari, Shahzadpur, Ramganj, Chouddogram, Patia Pirganj and Shibganj

Waiting for Sub-affiliation

Kaliganj & Kotchandpur of Jhenidah, Haziganj of Chandpur, Patnitola of Naogaon and Lohagara of Chittagong.
Affiliated and Sub-Affiliated Association’s Activities in Action

Affiliated Associations in Action

Free Screening at Dinajpur

Annual General Meeting at Cox’s Bazar

বাংলাদেশ ডায়াবেটিক সমিতির সভাপতি অধ্যাপক এ কে আজাদ বান
ধর্মীন্দ্র পুরস্কার প্রাপ্তিকে কর্জাজার ডায়াবেটিক সমিতির পুরস্কার প্রদান।
Affiliated Associations in Action

World Diabetes Day 2017: Free Health Camp & Rally at Chandpur

Annual General Meeting 2017 at Chandpur
Address of Affiliated and Sub-Affiliated Associations

Bandarbon Diabetic Association  
President: Md Islam (Baby)  
General Secretary: Md Ishaq  
Bandarbon Sadar, Phone: 01820400237

Barisal Diabetic Association  
President: Jebunnesa Afroj MP  
General Secretary: Dr Pijush Kanti Das  
Treasurer: Md Hannan Mollick  
Adv Hemayet Uddin Ahmed Diabetic & General Hospital  
Bandh Rd, Barisal-8200  
Phone: 00 88 0431 2173952, Cell: 01752117422  
Fax: 0431 63494; e-mail: dasob.bsk@gmail.com

Barguna Diabetic Association  
President: Alhaj, Md. Mokhlesur Rahman  
General Secretary: Alhaj Abdur Rashid Mia  
Treasurer: K M Abdur Rashid  
Circuit House Road, Barguna-8700  
Phone: 00 88 0448 62618; 01712986029  
e-mail: borguna.dab@gmail.com

Bagerhat Diabetic Association  
President: Alhaj Adv Mir Showkat Ali Badsha MP  
General Secretary: Adv Mahfuza Rahman Lahu  
Treasurer: Advocate Anowaruzzaman Khan Jahan Ali Road, Shaltola, Bagerhat  
Phone: 00 88 0468 63040  
e-mail: bagerhat_dab@yahoo.com

Bhola Diabetic Association  
President: Md. Masud Alom Siddik  
General Secretary: Alhaj Mia Mohammad Younus  
Treasurer: Prof Alhaj Ruful Amin Zahangir  
Masuma Khanam School Road, Bhola Sadar, Bhola-8300  
Phone: 00 88 0491 62804, 01711365953  
e-mail: bhola_diabetes@yahoo.com

Bogra Diabetic Association  
President: Alhaj Mornit Uddin  
General Secretary: Tauqifur Rahman Bappi Bhandari  
Treasurer: Prof Mozammel Haque Talukder  
Court House Street, Nawab Bari Road, Bogra  
Phone: 00 88 051 63595, 62995  
e-mail: bogra.srh@hccp-bd.org

Brahmanbaria Diabetic Association  
President: Mr Helal Uddin  
General Secretary: Mr Iqbal Hossain  
Treasurer: Mozfizur Rahman Babul  
1329/01, Kautali, B'stia Sadar-3400  
Phone: 00 88 0851 62205; Cell: 01709128170  
e-mail: brahmanbaria_diabetes@gmail.com

Chandpur Diabetic Association  
President: Md Abdus Sabur Mondol, DC, Chandpur  
General Secretary: Alhaj Md Jahangir Akhand Salim  
Treasurer: Alhaj MA Masud Bhuiyan  
Comilla Road, Chandpur-3600  
Phone: 00 88 0481 63050, 67799 Cell: 01711-475971  
e-mail: chandpurdiabetic@yahoo.com

Chapai Nawabganj Diabetic Association  
President: Alhaz, Md. Ruhul Amin  
General Secretary: Md Abdul Wahed  
Treasurer: Md Kamrul Arefin Bulu  
New Huzrapur Fire Brigade Office  
Chapai Nawabganj-6300, Ph: 00 88 0781 52611, 51190  
e-mail: chapaidiabetic@yahoo.com  
Chapai Nawabganj, dab@gmail.com

Chittagong Diabetic Association  
President: Dr. Syedur Rahman Chowdhury  
General Secretary: Prof Jahangir Chowdhury  
Treasurer: Mohammed Sabahuddin Zakir Hossain Road, Palartali, Khulshi  
Chittagong-4100, Phone: 00 88 0311 659435-7  
e-mail: cgdbatic@gmail.com, chyconsortium@gmail.com

Chuadanga Diabetic Association  
President: Reazul Islam Joardar Toton  
General Secretary: Adv Samsuzzoha  
Treasurer: Adv MM Monowar Hossain  
Red Crescent Eye Hospital Building  
Chuadanga-7200 Phone: 08 88 0761 62292  
e-mail: dabchuadanga@gmail.com

Comilla Diabetic Association  
President: Dr M Wali Ullah  
General Secretary: Jamir Uddin Khan Jampi  
Treasurer: Nasir Uddin Ahmed Shahid Solaiman Mustafa Road, Bagicchagoan, Comilla-3500  
Phone: 00 88 0811 65145, 64169, Cell: 0111735736  
e-mail: comilla.diabetes@gmail.com

Cox's Bazar Diabetic Association  
President: Adv Sirajul Mustafa  
General Secretary: Adv Tofayel Ahmed  
Treasurer: Adv Ranjit Das  
Foundation Complex, Diabetic Hospital Road  
Cox's Bazar-4700, Phone: 00 88 0341 64129  
e-mail: coxdiabetic@yahoo.com

Dinajpur Diabetic Association  
President: Adv Mohammad Abdul Latif  
General Secretary: Md Shaquil Haque Chhutu  
Treasurer: Alhaj Md. Luthfur Rahman Mintoo  
Block No:1, Upashahar, New Town, Dinajpur-5200  
Ph: 00 88 0531 64573, e-mail: dinajpurdiabetes@gmail.com
Faridpur Diabetic Association  
President: Mr Mir Nasir Hossain  
General Secretary: Prof SK Abdus Samad  
Treasurer: Prof Rabindra Nath Saha  
Jhiltuli, Faridpur. Phone: 00 88 0631, 61232, 63496  
Cell No: 01711 703913  
e-mail: diabetic@btzb.net.bd, diabeticmri@gmail.com

Feni Diabetic Association  
President: Mr. Akramuzzaman Advocate  
General Secretary: Mr. Susen Chandra Shil  
Treasurer: Mr. Abdul Awal Sabuj  
589, Mizan Road, Feni-3900  
Phone: 00 88 0331 74870, 63490  
Fax: 0331 63491; e-mail: fdafen@yahoo.com; fdafen@yahoocom

Gaibandha Diabetic Association  
President: Gobindo Lal Das  
General Secretary: Mr Sakendar Azam Anam  
Treasurer: Md Kamarul Alam Chini  
PK Biswas Road, Gaibandha,  
Phone: 00 88 0541 52012  
e-mail: gaibandhadiaabetic@gmail.com

Gopalganj Diabetic Association  
President: Deputy Commissioner, Gopalganj  
General Secretary: Dr Abid Hasan Sheikh  
Jailkhana Road, Word no 5, Gopalganj-8100  
Cell: 01712222190  
e-mail: gopdsh9@gmail.com

Gazipur Diabetic Association  
President: Dr Alhaj Md Eunus Ali  
General Secretary: Eng Mr Sharif Hossain Dhali  
Treasurer: Mr MA Kuddus  
Habibullah Sharani, Post Office Road  
Gazipur: 1700. Phone: 00 88 02 9294626, 01715087579  
e-mail: gazipuradmin@yahoo.com

Habiganj Diabetic Association  
President: Mr Shahid Uddin Chowdhury  
General Secretary: Dr Moshfiqur Hossain Chowdhury  
Treasurer: Mr Foni Bhusan Das  
Machilla Habiganj Pourashava, Habiganj-3300  
Phone: 00 88 0831 61719, 01754138744  
e-mail: habigonj_diabetic@yahoo.com; habiganjdiaeticassociation@gmail.com

Jaipurhat Diabetic Association  
President: Md Abdul Aziz Mollah  
General Secretary: Ahsan Habib Chowdhury Sabu  
Treasurer: Adv MA Hai  
Babu Para, Jaipurhat - 5900  
Phone: 00 88 057, 62822  
e-mail: jaipurhatdiabetic@gmail.com  
jaipurhatdiabetic@gmail.com

Jamalpur Diabetic Association  
President: Engineer Farhad Hossan Manu  
General Secretary: Syed Tariqul Islam  
Treasurer: Mr Debabrata Nag  
Dayamoyee Road, Jamalpur-2000  
Phone: 00 88 0981 63583  
Cell: 01711475973  
e-mail: jamalpur.diabetes@gmail.com

Jessore Diabetic Association  
President: Dr S.M. Ashiquzzaman  
General Secretary: Taudhidur Rahman  
Treasurer: Prof Tasdiqur Rahman  
Ahad Diabetic and Health Complex  
Balladanga, Jhumjhumur, Jessore-7400  
Phone: 00 88 0421  66273, 66586, 65723  
e-mail:ahaddiabetic@gmail.com

Jhalakati Diabetic Association  
President: Sarder Md. Shaah Alam  
General Secretary: Md Hemayet Hossain  
Treasurer: Janab Amal Shaha  
Alhaj Motiar Rahman Diabetic Building 801, College Road, Jhalakati  
Phone: 00 88 0498 62010  
e-mail: jhalakati.diabetes@gmail.com

Jhenidah Diabetic Association  
President: Mir Nasir Uddin  
General Secretary: Mahmudul Islam Photon  
Treasurer: Narayan Chandra Biswas  
Jessore Road, Jhenidah -7300  
Phone: 00 88 0451 62666  
Cell: 01718-149626  
e-mail: jhenidahdiabeticichospital@gmail.com

Kustia Diabetic Association  
President: Motiur Rahman Laltu  
General Secretary: Mizanur Rahman  
Treasurer: Dr Rabijul Karim  
Mujibur Rahman Memorial Diabetic Centre  
Hospital Road  
Kustia-7000  
Ph: 00 88 071 72082  
e-mail: kustiadiabet@gmail.com  
nazukst@yahoo.com

Kishoreganj Diabetic Association  
President: Md Azimuddin Biswas, DC, Kishoreganj  
Member Secretary: Md Abdullah Al Masoud  
New Court Road, Kishoreganj-2300  
Ph: 00 88 0941 61981, 62345  
Cell: 01711-783764  
e-mail: shebaecom2006@gmail.com  
dabkishoreganj@yahoo.com  
kishodab@btzb.net.bd
Khulna Diabetic Association
President: Mohammad Mizanur Rahman MP
General Secretary: ADV Rajab Ali Sarder
Treasurer: Md. Abdur Rahim Shaikh
Old-22 New-32/1, Sir Iqbal Road, Boira, Khulna-9100
Phone: 00 88 041 7762381, 762382
e-mail: khulnadab@gmail.com

Kurigram Diabetic Association
President: AKM Mayeedul Islam MP
General Secretary: Major Md Abdus Salam (Retd)
Treasurer: Dr Md Wadud Sarker
Diabetic Hospital Building, Old Hospital Campus
Kurigram, Phone: 00 88 0581 61633
e-mail: kurigramdiabetichospital@gmail.com

Lalmirhat Diabetic Association
President: Dr Zakirul Islam Faruquee
General Secretary: Molnu Islam
Treasurer: Md Sekender Ali Sarker
Sonali Park, Jail Road, Khordoshahtana
Telipara, Lalmonirhat-S500
Phone: 00 88 0591 61897, 62566
Fax: 0591-62566
e-mail: diabeticalal_2012@yahoo.com

Lakshmipur Diabetic Association
President: ABM Bahauddin
General Secretary: Md. Delwar Hossain
Treasurer: Md. Didier Hossain
Bhuyan Mansion, Hospital Road
Laxmipur-3700, Phone: 00 88 0381, 62398
e-mail: lakshmipur.diabetes@gmail.com

Manikganj Diabetic Association
President: Md Nazmus Sadat Selim DC, Manikganj
Member Secretary: ASM Nurul Alam
110/1, Hijuli, Dak Matta, Manikganj-1800
Phone: 0651 61798, Cell: 01720506878
e-mail: madasmanik@yahoo.com

Madaripur Diabetic Association
President: Shahjahan Khan MP
General Secretary: Syed Abul Bashar
Treasurer: Syed Sahawat Hossain Salim
New Town, Madaripur
Phone: 0651 61798, Cell: 01720159631
e-mail: maddiabetic.comity@gmail.com

Maulavi Bazar Diabetic Association
President: Prof Syed Fozullah
General Secretary: Md Ashraful Islam Zaki
Treasurer: Dr MA Ahad
4, Municipality Road, Maulavi Bazar
Phone: 00 88 0861, 54298, Cell: 01712-747605
e-mail: pcpmoulvibazar@yahoo.com

Magura Diabetic Association
President: Md. Mahbubor Rahman
General Secretary: Md. Nazrul Islam
Treasurer: Kazi Mahbubur Rahman
Address: Biswa Road, (Child & Eye Hospital)
Magura Sadar, Phone: 00 88 0488 62355
e-mail: maguradiabeticsami@gmail.com

Munshiganj Diabetic Association
President: Advocate Mujibur Rahman
General Secretary: Adv SM Habibur Rahman
Treasurer: Advocate Md Asraful Islam
White House, Nichola
Munshiganj-1500, Phone: 00 88 02 7612660
e-mail: diabeticianmunshigion@yahoo.com

Mymensingh Diabetic Association
President: Prof Golam Sarwar
General Secretary: Md Humayun Kabir
Treasurer: Advocate Farid Ahmed
Address: 2, Harikishore Roy
Road (Unit-1) & 5 Eshan Chakrabority Road,
Golpukurpur (Unit-2)
Mymensingh, Phone: 00 88 01718474646
e-mail: mymensingh_diabetes@yahoo.com

Naogaon Diabetic Association
President: Dr Md Aminur Rahman DC, Naogaon
General Secretary: Alajah Abdus Salam
Treasurer: Md. Ahsan Sayed
Par Naogaon, Naogaon-6500, Phone: 00 88 0741, 63203
e-mail: naogaon.diabetic.sanity@gmail.com

Narayanganj Diabetic Association
President: Alajah Dr Md Shahnawaz Chowdhury
General Secretary: Alajah Faruq Moin
Treasurer: Alajah Mahmud Hossain, West Dewbhog
(Nagbari)
Narayanganj-1400, Ph: 00 88 02 7631220 7648499
e-mail: diabetichn@yahoo.com

Narsingdi Diabetic Association
President: Dr Shubus Chandra Biswas, DC, Narsingdi
General Secretary: Alajah Md Nurul Amin
Treasurer: Alajah Md Ishaq Mollah Dulal
Banachal, Narsingdi-1600
Phone: 00 88 02 9463 539, Cell: 01911-553572
e-mail: narsingdidiabetichospital@gmail.com

Natore Diabetic Association
President: Deyt Commissioner, Natore
General Secretary: Prashad Kumar Talukdar
Treasurer: Md Mozidul Islam Faruk
335, Natore Hospital Road
Nicha Bazar Mallik Hati, Natore-6400
Phone: 00 88 0771 66714; Cell: 01711460123
e-mail: natore.diabetes@gmail.com
Narail Diabetic Association
President: Prof Dr MA Wahab
General Secretary: M A Mannan Khan
Treasurer: Mrs. Khadiza Khanom
Abdul Karim Memorial Diabatic Centre,
Machimdia Narail Phone: 00 88 0841 62234 Cell:
01716539925
e-mail: mawahab@doctors.org.uk
ndsmachimdia@gmail.com

Netrakona Diabetic Association
President: Dr MA Hamid Khan
General Secretary: Mozammel Haque Bacchu
Treasurer: Md Saidur Rahaman
Choto Bazar, Netrakona-2400, Phone: 00 88 0951 62488
e-mail: netrakona_diabetes@yahoo.com

Noakhali Diabetic Association
President: Mr Aziz Al-Kaisar
General Secretary: Eng. Md Nurun Nabi
Treasurer: Hazi Md Abdul Mannan
Shomobai Bhaban, Karimpur Road
Chowmohuni, Phone: 00 88 0321 53233
Cell: 01711008190
e-mail: noakhali.diabetes@gmail.com
nodsbd13@gmail.com

Nilphamari Diabetic Association
President: Adv Anisul Arefin Chowdhury
General Secretary: Dr Mojibul Hasan Chowdhury Shahin
Treasurer: Mr Golam Sarwar
Circuit House Road, Nilphamari-5300
Phone: 00 88 0551 61738, 01835700483
e-mail: nilphamari diabetic@yahoo.com

Pabna Diabetic Association
President: Md Baby Islam
General Secretary: Dr Md Mosharrar Hossain
Treasurer: Md Abdul Sobur Bablu
Abdul Hamid Road, Pabna-6600
Ph: 00 88 0731 65052; 65246
e-mail: psh.pabna@gmail.com
padas_pabna@yahoo.com

Patuakhali Diabetic Association
President: Janab Dr Md Masumur Rahman DC
General Secretary: Md Jahangir Sikder
Treasurer: Alhaj Abdul Hoque
286, Sher-E-Bangla Road, ph: 00 88 0441 62944
e-mail: patuakhali_dab@yahoo.com

Pirojpur Diabetic Association
President: Dr Habibur Rahman
General Secretary: Dr Mizanur Rahman
Treasurer: MA Rabbani Firoj
Baypass Road, Pirojpur-8500, Phone: 00 88 0461 62225,
e-mail: dabpiroj@bctcl.net.bd
pdsriporjpur2012@gmail.com

Panchagarh Diabetic Association
President: Amal Krishnow Mondal
General Secretary: Md Mokhliesur Rahman Mintu
Treasurer: Md Mosharaf Hossain
Makbular Rahman Diabetic Hospital
Mithapukur, Panchagarh-5000
Phone: 00 88 0568, 61516; Cell: 10817668789
e-mail: panchagarhdiabetic@gmail.com
ponchagarh_dab@gmail.com

Rajbari Diabetic Association
President: Kazi Keramat Ali (Hon MP)
General Secretary: Kazi Eradet Ali
Treasurer: Mr Mustafuzur Rahaman Sarif
Kazi Hedayet Hossain Memorial Diabetic Hospital
Binodpur, Rajbari-7700, Phone: 00 88 0641, 66240
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Rajshahi Diabetic Association
President: Prof Dr M Fazlur Rahman
General Secretary: Prof Dr Mamun Ur Rashid
Treasurer: Advocate Gholam Rabbani
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rajshahidiabeticassociation@yahoo.com

Rangamati Diabetic Association
President: Mr Nikhil Kumar Chakma
General Secretary: Dr Mr Paras Khisa
Treasurer: Md Md Yousuf
Old Hospital Area, Tabalchhouri, Rangamati
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Rangpur Diabetic Association
President: Mr Rahat Anowar
General Secretary: Mr Mostafa Azad Chowdhury Babu
Treasurer: Md Abdul Kashem
Radha Ballav, Rangpur-5400, Ph: 00 88 0521 66074
e-mail: rangpur.diabetes@gmail.com

Saidpur Diabetic Association
President: Dr Abu Ahmed Mortuza
General Secretary: Advocate Raffiul Islam Khaja
Treasurer: Md Mannan Patwari
Darul Uloom Road, Old Babu Para
Saidpur-5310, Phone: 00 88 05526 72806
e-mail: saidpur.diabetes@gmail.com

Sherpur Diabetic Association
President: Razia Samad
General Secretary: Dr ATM Mamun (Josh)
Treasurer: Mahbubur Rahman Suja
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Sirajganj Diabetic Association  
President: MA Muqueet  
General Secretary: Md Jahangir Alam Raton  
Treasurer: Advocate M Shamsul Haque  
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Sylhet Diabetic Association  
President: Prof Dr MA Raquib  
General Secretary: Lokman Ahmad  
Treasurer: MA Mannan  
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Satkhira Diabetic Association  
President: Md Nazrul Ahsan  
General Secretary: Dr Azizur Rahman  
Treasurer: Alhaj Din Ali  
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e-mail: infodiabeticcsat@gmail.com  
satkhira_diabetic@yahoo.com  

Sunamganj Diabetic Association  
President: Sheikh Rafiqul Islam  
General Secretary: Lt Co (Retd) Dr Md Mokabbir Ali  
Bak Point, Hason Nagar, Sunamganj  
Phone: 00 88 0871 55619  
Cell: 01732191196; 01199305529  

Tangail Diabetic Association  
President: Mr Md Mahbub Hossain, DC, Tangail  
General Secretary: Mr Kh Ashrafuzzaman Smirtty  
Treasurer: Mr Kazi Jakerul Mowla  
Sabalia, Tangail,  
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www.tds121@gmail.com  

Thakurgaon Diabetic Association  
President: Md Raziur Rahman  
General Secretary: Shahed Kamal Chowdhury  
Treasurer: Dr Md Mirzul Islam  
College Para, Thakurgaon-5100  
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Address: Sub-Affiliated Affiliations

Birampur Diabetic Association
President: Prof Md Akkas Ali
General Secretary: Md Nurazzaman Sarkar
Treasurer: Alhaj Md Samsuddin Sarkar
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fattah_computer@hotmail.com

Bheramara Diabetic Association
President: Md Sohel Maruf
General Secretary: Dr Amarendra Nath Biswas
Treasurer: Haji Md Abdus Samad
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e-mail: diabeticsbheramara@gmail.com

Companiganj Diabetic Association
President: Md Amanat Ullah
General Secretary: Rafiqul Islam Chowdhury
Treasurer: Mr Jamal Uddin
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Choddogram Diabetic Association
President: Debojyoti Deyon
General Secretary: Md Abdul Gafur
Shenapoti Dighir Par, Kalipara, Choddogram

Nalitabari Diabetic Association
President: Md Badruzzaman Badsha
General Secretary: Alhaj MA Hakim Hira
Taragang Dakshin Bazar, Nalitabari, Sherpur
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Palashbari Diabetic Association
President: Alhaj Muazzem Hossan
General Secretary: Md Hafizur Rahman
Treasurer: Md Sofiqui Alom Rotan
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Pirganj Diabetic Association
President: Hafiz Uddin Ahmed
General Secretary: Md Fayzul Islam
Bathpoligoan, Pirganj, Thakurganj

Raipur Diabetic Association
President: Dr Md Shahjahan
General Secretary: Md Humayun Kabir
Treasurer: Masud Alam Kajal
Upazilla Road, Infront of One Bank, Raipur
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Ramganj Diabetic Association
President: Dr Mokhlesur Rahman
General Secretary: Mahbub Khan Fahim
Treasurer: Mianur Rahman (Miron)
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Shatkania Diabetic Association
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General Secretary: Sayed Abdullah Farhad
Treasurer: Ahamed Hossain
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e-mail: safarhdd@gmail.com

Shingra Diabetic Association
President: Adv Zunaid Ahmed Palak
General Secretary: Prof Alhaj Atiqur Rahman
Upazilla Parishad Chattar, Shingra, Natore
Cell No: 017123118481

Shahzadpur Diabetic Association
President: Habib Khan Tarun
General Secretary: Engg Nasirul Hasan
Treasurer: Hanif Khan Shakhar
Varudaha, Shahzadpur, Sirajgonj
Phone No: 0752 764015; Cell: 01788131515
E-mail: shahzadpur diabetic association@gmail.com
Swadhinata Padak, 2018 awarded to Prof AK Azad Khan

Prime Minister Sheikh Hasina handed over the awards to the nominated 16 distinguished personalities at a function at the Osmani Memorial Auditorium in Dhaka on March 25, 2018. The personalities were nominated by the government for the “Swadhinata Padak 2018” (Independence Award) in recognition of their outstanding contributions to their respective fields. Among them, President of Bangladesh Diabetic Association, Prof AK Azad Khan received the award for his contribution to the Social Service.

Reception by Bangladesh Diabetic Association & Incepta Pharmacestecual

Reception by BIRDEM General Hospital
Ekushey Padak, 2018 awarded to Prof Mirza Mazharul Islam

The government has announced the names of the 21 eminent citizens who were awarded the prestigious Ekushey Padak in 2018 for contributions to their respective fields. The Ekushey Padak is the second highest civilian award in Bangladesh. Each recipient received a gold medal, a certificate, and a cheque of Tk. 2 lakh. Prime Minister Sheikh Hasina handed over the Ekushey Padak to the awardees on 20 February at Osmani Memorial Auditorium. Prof Dr. Mirza Mazharul Islam of BIRDEM Hospital received the award for his contribution to the language movement.
RECENT ACHIEVEMENTS

Pre-Conception Care
On 30 July 2018, Ministry of Law, Justice and Parliamentary Affairs, Government of the People's Republic of Bangladesh ordered all the Nikah registrars of the country those who are associated with the "pre conception care" program, they have to add as well as "healthy mother-healthy children-prosperous countries- all pre planned pregnancy" to the marriage Kabin Nama (Marriage Registration).

Inauguration of 'Women and Children Diabetic Hospital, Uttara
On 12 September, 2018 at 11.00 am, a program was organized on the occasion of the inauguration of 'Women and Children Diabetic Hospital' which is located in Uttara (Plot-30, Sector-8), Dhaka near Aichi Hospital. Honorable State Minister for Women and Children Affairs, Government of the People's Republic of Bangladesh, Mr. Meher Afroz Chumki, MP, was present as special guest.

Award/ Sponsorship/ Grant/ Fellowships in the FY 2017-18:
Prof. Dr. Ashesh Kumar Chowdhury was selected as the 'External Member' of the 'Monitoring Team' of the 'National Institution of Laboratory and Referral Centre' establishment project undertaken by Implementation, Monitoring and Evaluation Department (IMED) of Ministry of Planning of Government of Bangladesh (GOB) in 2017-18.

Prof. Kawsar Sardar of Department of Anesthesiology & SICU achieved SUSHAN RAJ Pain Award 2017-18 for the contribution to Pain Medicine in South Asian Region. The award was received at ICRA Pain Conference, Jammu- Kashmir on 28 September, 2018.
Dr Md Ranzu Ahmed of BUHS obtained Bangabandhu Postdoctoral Fellowship

Dr Md Ranzu Ahmed, Assistant Professor, Department of Chemistry, Bangladesh University of Health Sciences (BUHS) recently achieved Bangabandhu Science & Technology Postdoctoral Fellowship. Dr Ranzu did his PhD from University of Rajshahi and also did a part of his work at the Laboratory of Natural Products at University Putra Malaysia (UPM) in Malaysia. The title of his Postdoc is “Chemical & Biological Studies of Composite Herbal Medicines and Medicinal Plants”.

The Gold Medal Awarding Ceremony of DLP

The Gold Medal Awarding Ceremony of Certificate Course on Diabetology (CCD) under Distance Learning Program of Diabetic Association of Bangladesh was held on 5 September, 2018 in BIRDEM General Hospital.

The following students received ‘Gold Medal’ for their academic excellence:
1. Dr. Mohammad Najmul Ahasan Nahid
2. Dr. Sazaratul Eyakin
3. Dr. Md. Ashraf Uddin
4. Dr. Nazma Sultana
5. Dr. Ragib Md. Wali Ullah
6. Dr. Jannatul Ferdous
7. Dr Md Tariquil Islam
8. Dr Md Hannan Ali
9. Dr Mahir Muhtasim

BUHS Student has been awarded as one of the winners, in the National Level contest organized by a2i on ‘Digital Bangladesh Day’.

Mousumi Bhwomik of BUHS achieved ‘Runner-up’ award

Dr Md Rashedul Islam was awarded with Rowan Nick’s Fellowship

Dr Md Rashedul Islam, Assistant Professor of Department of Plastic Surgery, BIRDEM was awarded Rowan Nick’s International Fellowship in Alfred Hospital, Melbourne, Australia from December 2017- May 2018.

The Centre for Global Health achieved Year mark through the following events

A. Free Diabetes Screening

Diabetes Association of Bangladesh (BADAS) had initiated a month-long programme to test diabetes free of cost in more than one lakh people to mark the World Diabetes Day on November 14. This programme carried out in 800 spots of 500 thanas around the country. To implement it, a team comprising 5-6 healthcare members was formed for each spot. Apart from 102 centers/hospitals of the BADAS and its Affiliate Associations around the country, various educational institutions, governmental and non-governmental organizations also brought under the programme by setting up a specialized center. Anyone aged at least 18 years and came to the spots with an empty stomach were tested.

B. Roundtable Discussion “Challenges of Childhood Diabetes and Role of Social Partners”

This event was organized by Changing Diabetes in Children (CDIC) project of BADAS, Novo Nordisk and a national daily newspaper named “The Daily Somokal”. Honorable Minister, Ministry of Health and Family Welfare was the chief guest of the event. State Minister, Ministry of Women and Child Affairs; Honorable Ambassador, Embassy of Denmark; Director General of Drug Administration; and President and Secretary General of BADAS were the special guest. The main aim of the event was to create a mass awareness that children with diabetes have right to a full life and access to insulin is a human right for them.

There are now 6000 diabetic children registered with CDIC project of BADAS. Financial and logistic support come from World Diabetes Foundation, IDF and Novo Nordisk. BADAS is also trying to engage Government and other national and international funding agencies. Honorable Minister, Ministry of Health and Family Welfare said that he would work to ensure all kinds of support to the children. He also said that he would ensure in the next budget that the VAT and the tax will not be imposed on strips and insulin pumps. Government will try to provide free insulin and strips to the poor children with diabetes.

C. Other community awareness programs

- Sent preventive SMS to 10 million mobile users with the help of Bangladesh Telecommunication Regulatory Commission (BTRC).
- Launch a webpage (badaswdd2018.org) to assess the knowledge about diabetes in Bangladeshi population.
- Organized more than 150 rallies all over the country.
- Developed awareness materials including leaflets, posters, T-Shirts, caps, short TVC on WDD 2018.
- Developed education material including an animation film on diabetes and a short video film on myths and misbelieve related to diabetes.
- Published a special edition of Kanti (official journal of BADAS).
- Published special bulletin with messages of Honorable President and Prime Minister of Government of Bangladesh in four leading newspapers in Bangladesh.
- Opened a Facebook page for sharing all the events through digital medium.
BADAS Institutions

BIRDEM: Bangladesh Institute of Research & Rehabilitation in Diabetes, Endocrine & Metabolic Disorders
RVTC: Rehabilitation and Vocational Training Centre
NHN: National Health Care Network
ICHRI: Ibrahim Cardiac Hospital & Research Institute
IMC: Ibrahim Medical College
BIHS: Bangladesh Institute of Health Sciences
KALTU: Kidney and Liver Transplant Unit
BNC: BIRDEM Nursing College
BUHS: Bangladesh University of Health Sciences

Affiliated & Sub-Affiliated Associations
BADAS Projects