ANNUAL REPORT
2016-2017

Published by
DIABETIC ASSOCIATION OF BANGLADESH
March 2018
© BADAS

This version as well as the expanded version text of the Statistical Yearbook are available at www.dab-bd.org
A Visionary and A Missionary

Back in 1956, when people had a perception that diabetes is a disease of the affluent and 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 (in Bangla বাংলাদেশ ডিয়েটিক সমিতি (বংসাদ) Diabetic Association of Bangladesh, acronym BADAS).

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 six 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 2016-2017.
BADAS Vision

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

BADAS 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.
The Organization

The Diabetic Association of Bangladesh (BADAS), in বাংলাদেশ ডায়েটিক সুস্থতা সংস্থা (ব্যাডএস), was established on 28 February 1956 in Dhaka at the initiative of the late National Professor Dr. Mohammad Iqbal (1911-1989) and a group of social workers, philanthropists, physicians and civil servants. The Association started an out-patient clinic in 1957 in a small semipermanent 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 Shahbagh, Dhaka, which, after the demise of Prof (Dr) Md Iqbal in 1989, has been renamed as the Iqbal Memorial Diabetes Centre. In addition, BADAS has now about 114 health care facilities and more than 550 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 life members and representatives of Affiliated Associations in the Annual General Meeting (AGM). One-third of the members (ie 6) from the life member category and 2 from the Affiliated Associations retire every year and eligible for re-election 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 elected members (life member category).

The President, 3 Vice-Presidents, a Secretary General, a Treasurer, a Joint Secretary General, and a Joint Treasurer constitute the Office-Bearers of the Association.


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 the different institutions through respective Board of Management and with the help of the Treasurer and BADAS Secretariat.

The AGM of the last financial year 2015-2016 was held on 8th April 2016 at the premises of Bangladesh University of Health Sciences (BUHS), Dhaka. About 77 Life Members and 93 Delegate Members from Affiliated Associations were present in the AGM.
National Council Of BADAS

President
Prof AK Azad Khan

Vice-Presidents
Barrister Rafique-ul Huq
Prof Jamilur Reza Chowdhury
Dr Sarwar Ali

Secretary General
Md Sayef Uddin

Treasurer
Prof MH Khan

Joint Secretary General
Prof Rashid-E-Mahbub

Joint Treasurer
Md Shahidul Hassan

Members
A Matin Chowdhury
Syed Manjur Elahi
Mahbub Uz Zaman
Prof Hajera Mahtab
Prof Mahmud Hasan
Prof Mahmuder Rahman
Prof Harun-Ur Rashid
Dr Humaira Islam
Rafiqul Islam Khan
Abdul-Muyeed Chowdhury
Md Baby Islam
Prof Jahangir Chowdhury
Al-haj Dr Md Shahnewaz Chowdhury
Md Abdul Wahed
Mrs Rezia Samad
Dr Md Habibur Rahman

Members Nominated by the President
M R Osmany
Khwaja Muhammad Sultanul Aziz
Rasheda K Chowdhury
Prof Dilara Chowdhury
Ubaidur Rob

Members Nominated by the Government
Mrs Badrun Nessa
Quamrun Nahar Ahmad
Rupon Kanti Shil
BADAS Secretariat

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

BADAS Secretariat
Chief Coordinator : Muhammad Abdul Mazid, PhD
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, Laboratory Development, BADAS : Prof Dr Subhagata Choudhury
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 Institutions and Projects

### Institutions

<table>
<thead>
<tr>
<th>Institution</th>
<th>Description</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIRDEM</td>
<td>Bangladesh Institute of Research &amp; Rehabilitation in Diabetes, Endocrine &amp; Metabolic Disorders</td>
<td><a href="http://www.birdem-bd.org">www.birdem-bd.org</a></td>
</tr>
<tr>
<td>RVTC</td>
<td>Rehabilitation and Vocational Training Centre</td>
<td><a href="http://www.rvtc-bd.org">www.rvtc-bd.org</a></td>
</tr>
<tr>
<td>NHN</td>
<td>National Health Care Network</td>
<td><a href="http://www.nhn.dab.org.bd">www.nhn.dab.org.bd</a></td>
</tr>
<tr>
<td>ICHRRI</td>
<td>Ibrahim Cardiac Hospital &amp; Research Institute</td>
<td><a href="http://www.icrhi.org">www.icrhi.org</a></td>
</tr>
<tr>
<td>IMC</td>
<td>Ibrahim Medical College</td>
<td><a href="http://www.imc.bd.org">www.imc.bd.org</a></td>
</tr>
<tr>
<td>BIHS</td>
<td>Bangladesh Institute of Health Sciences</td>
<td><a href="http://www.bihs.edu.bd">www.bihs.edu.bd</a></td>
</tr>
<tr>
<td>KALTU</td>
<td>Kidney and Liver Transplant Unit</td>
<td></td>
</tr>
<tr>
<td>BUHS</td>
<td>Bangladesh University of Health Sciences</td>
<td><a href="http://www.buhs-edu.org">www.buhs-edu.org</a></td>
</tr>
<tr>
<td>BNC</td>
<td>BIRDEM Nursing College</td>
<td></td>
</tr>
</tbody>
</table>

### Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Description</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCDP</td>
<td>Health Care Development Project</td>
<td><a href="http://www.hcdp-bd.org">www.hcdp-bd.org</a></td>
</tr>
<tr>
<td>PCP</td>
<td>Perinatal Care Project</td>
<td><a href="http://www.badas.pcp.org">www.badas.pcp.org</a></td>
</tr>
<tr>
<td>DLP</td>
<td>Distance Learning Program</td>
<td><a href="http://www.badas-dlp.org">www.badas-dlp.org</a></td>
</tr>
<tr>
<td>BADAS-MECP</td>
<td>Mobile Eye Care Project</td>
<td></td>
</tr>
<tr>
<td>EDC</td>
<td>Extension of Diabetic Care Project</td>
<td></td>
</tr>
<tr>
<td>CGHR</td>
<td>Centre for Global Health Research</td>
<td></td>
</tr>
<tr>
<td>CDIC</td>
<td>Changing Diabetes in Children</td>
<td></td>
</tr>
<tr>
<td>BADAS CHALLENGE TB CARE</td>
<td>Extension of Diabetic Retinopathy Care in Bangladesh</td>
<td></td>
</tr>
<tr>
<td>LFAC</td>
<td>Life for a child</td>
<td></td>
</tr>
<tr>
<td>HIGW</td>
<td>Health Insurance for Garments Workers</td>
<td></td>
</tr>
<tr>
<td>IHL</td>
<td>Ibrahim Health Line</td>
<td></td>
</tr>
<tr>
<td>Combating GDM Project</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UHCP</td>
<td>Universal Health Coverage Plan Project</td>
<td></td>
</tr>
<tr>
<td>BUHS-Rockefeller Foundation Project</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Board Of Management/ Governing Body/ Committee

Budget and Finance Committee
Chairman
Secretary General, BADAS

Members
Treasurer, BADAS
Joint Secretary General, BADAS
Joint Treasurer, BADAS
Syed Manjur Elahi
Rafiqul Islam Khan
M Mohammel Haque
Dr Kazi Kholiduzzaman Ahmed
Sayed Munir Khasru
Abdul Wahed
Director, Finance and Accounts, BADAS

Board of Management, BIRDEM
Chairman
Dr Sarwar Ali

Members
Prof Rashid-E-Mahbub
Prof Harun-Ur Rashid
Rafiqul Islam Khan FCA
Nominated Member NC, BADAS
(Nominated by MoHFW)
Nominated Member NC, BADAS
(Ministry of Women & Children Affairs)
Director General, BIRDEM
Prof Kishwar Azad

Board of Management, NHN
Chairman
Syed Manjur Elahi

Members
Prof Rashid-E-Mahbub
Md Shahidul Hassan
Baby Islam
Al-haj Dr Md Shahnewaz Chowdhury
Mrs Razia Samad
Chief Executive Officer, NHN

Board of Management, RVTC
Chairman
Md Shahidul Hassan

Members
Prof Jahangir Chowdhury
Al-haj Dr Md Shahnewaz Chowdhury
Mrs Razia Samad
Rasheda K Chowdhury
Nominated Member, NC, MoSW
Khalid Hasan
Md Mahtab Uddin
Director, RVTC

Governing Body, Ibrahim Medical College
Chairman
Prof A K Azad Khan

Member Secretary
Prof Jalaluddin Ashraful Haq
Principal, IMC

Members
Prof Rashid-E-Mahbub
Prof Dr Md Ismail Khan
Prof Dr Nazma Shaheen
Prof Dr Md Aftab Ali Shaikh
Prof Emeritus Hajera Mahtab
Prof Md Abu Sayeed
Prof SM Abu Zafar
Prof AKM Mamunur Rashid
Prof Dr Md Mujibur Rahman
Nasir Arif Mahmud
Board of Management
Ibrahim Cardiac Hospital

Chairman
Prof Mahmuder Rahman

Members
National Prof Brig Gen (Retd) A Malik
Rafique-ul Huq (Bar-At-Law)
Md Shahidul Hassan
A Matin Chowdhury
M R Osmany
Chief Executive Officer, ICHRI

Governing Body, BIHS

Chairman
Prof AK Azad Khan

Members
Prof Emeritus Hajera Mahtab
Prof M Mosihuzzaman
Representative of Academic Council, DU
Dean, Respective Faculty
Dean, Faculty of Postgraduate Medical Science & Research, University of Dhaka
Dean, Faculty of Medicine, University of Dhaka
Joint Secretary, Development and Medical Education, Ministry of Health & Family Welfare
Prof Liaquat Ali
Prof (Dr) SK Akhter Ahmed
Md Shamsul Alam
Prof MH Khan
Member Secretary, Director, BIHS

Legal Affairs Committee

Chairman
Rafique-ul Huq (Bar-at-Law)

Members
M R Osmany
Barrister Fahimul Hoque

Board of Trustee, Bangladesh University of Health Sciences

Chairman
Prof AK Azad Khan

Members
National Prof (Dr) MR Khan (Expired on 5th November 2016)
National Prof (Dr) Brig (Retd) A Malik
Maj Gen (Retd) Prof AR Khan
Prof Hajera Mahtab
Prof MH Khan
Prof Jamilur Reza Choudhury
Md Sayef Uddin
Prof Rashid-E-Mahbub
Prof M Mosihuzzaman
Prof Harun-Ur-Rashid
Dr Humaira Islam
Dr KMS Aziz
A Matin Chowdhury
Vice-Chancellor, BUHS

Project Management Board, HCDP

Chairman
Prof AK Azad Khan

Members
Prof M H Khan
Md Ayubur Rahman Khan
Abul Mansur Md Faizullah
Prof Jamilur Reza Chowdhury
Md Baby Islam
MA Halim Chowdhury
Sietse Zoodsma
Executive Director
Institutional Coordination Committee

Chairman
Secretary General, BADAS

Members
Treasurer, BADAS
Chief Coordinator, BADAS
Advisor to the President on Affiliated Association Affairs, 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
Director, Rehabilitation and Vocational Training Centre

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 Squire Pharmaceutical Ltd
Abul Wahed
Member, NC, BADAS
M Abul Kashem
Life Member, BADAS
Obayed Jaigirdar
Life Member, BADAS
Muhammad Abu Taher Khan
Director, Procurement & Corporate Affairs, BADAS
Diabetes Health Care Delivery

Starting with only 39 patients in 1956, BADAS, along with its Affiliates, in 60 years, now serves the largest number of registered diabetic patients providing regular and comprehensive health care under a single umbrella.

At the end of Financial Year 2016-17 the total number of registered patients is 3979087 of which 468181 were registered as new patients.

Table: Status of Registered Diabetic Patients on 30th June 2017

<table>
<thead>
<tr>
<th>Hospital/Health Center</th>
<th>Registered upto 2015-16</th>
<th>Newly Registered in FY 2016-17</th>
<th>Total Registered Patients upto 2016-2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIRDEM</td>
<td>589538</td>
<td>24668</td>
<td>614206</td>
</tr>
<tr>
<td>NHN</td>
<td>436500</td>
<td>63040</td>
<td>549600</td>
</tr>
<tr>
<td>ICHRI</td>
<td>35909</td>
<td>4771</td>
<td>40680</td>
</tr>
<tr>
<td>BIHS</td>
<td>282890</td>
<td>13456</td>
<td>296346</td>
</tr>
<tr>
<td>Non-BIHS Components in HCDP</td>
<td>197054</td>
<td>16941</td>
<td>213995</td>
</tr>
<tr>
<td>Affiliated Associations</td>
<td>1916949</td>
<td>345122</td>
<td>2262071</td>
</tr>
<tr>
<td>CDIC</td>
<td>2006</td>
<td>183</td>
<td>2189</td>
</tr>
<tr>
<td>Total</td>
<td>3510906</td>
<td>468181</td>
<td>3979087</td>
</tr>
</tbody>
</table>

Notes:

a. Average annual growth in the number of registered diabetic patients is 11.33% in FY 2016-17

b. On an average around 50% of the estimated prediabetic and diabetic population of the country are registered under BADAS and Affiliated Associations.

Prevention of Diabetes and its Complications

The Major Focus of BADAS

Diabetes Awareness Day and 61st Foundation Day of the Diabetic Association of Bangladesh observed

Diabetes Awareness Day and 61st Foundation Day of the Diabetic Association of Bangladesh was observed on 28 February 2017 through different programs like: Rally at Shahbag, Free diabetes screening at different places of Dhaka city, Discussion session between selected diabetic patients and specialized physicians, Free heart camp at Ibrahim Cardiac Hospital etc. Diabetic Association of Bangladesh also brought-out a special issue of ‘Kanti’ and published Poster & Leaflet for awareness creation.

A discussion meeting was also organized at the BIRDEM auditorium on this day to mark the occasion where eminent writer & educationist Emeritas Professor Dr. Sirajul Islam Chowdhury graced the occasion as chief guest.

Prof. Faruq Pathan presented a key-note speech on the theme- ‘Pre-planned pregnancy’ is one of the main tools to prevent diabetes.

BIHS, NHN and Ibrahim Cardiac also took up several programs in this regard.

NHN organized Health Education & Disease Prevention Program at Bitopi Garments in March 2017.
World Diabetes Day observed
Eye on Diabetes, Keep Diabetes in Control to Prevent Blindness

With the theme ‘Eye on Diabetes, keep diabetes in control to prevent blindness’ the World Diabetes Day was observed on 14th November 2016 across the country as elsewhere in the world. It observed countrywide to aware people on healthy lifestyle for better management of all types of diabetes.

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

Free diabetes screening was also organized by BADAS at different city points including in front of the National Museum and Dhanmondi Rabindra Sarobar. 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. Health Minister Mohammad Nasim was the chief guest of the discussion. BADAS President Professor AK Azad Khan presided over the meeting. Major General (Rtd) Professor A R Khan, Vice President, BADAS, Muhammad Sayef Uddin, Secretary General, BADAS, Nazmun Nahar, Director General, BIRDEM and Professor Ashraf Sayeed, Head of Ophthalmology, BIRDEM also gave speech in the meeting.

Health Minister said that diabetes is a lifelong disease. Diabetes treatment facilities need to be expanded in rural and disaster-prone areas to ward off further complications caused by the metabolic disorder.

DAB President AK Azad Khan said that diabetes turned epidemic in Bangladesh. But the deadly disease could be prevented fully and could be cured to 70% of the diabetes patients only with health practice.

Secretary General, BADAS Muhammad Sayef Uddin said that diabetes is one of the four biggest non-communicable disease in Bangladesh and 35% of its adult population has pre-diabetes. Change in Life style and dietary habits has led to a gradual increase in the number of diabetic patients. Living a healthy and normal life is possible by controlling this disease.

A motivational programme in BIRDEM hospital at Segun Bagicha was also organized for the children living with diabetes.

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 and separate rallies at different places of the city.
<table>
<thead>
<tr>
<th>Event</th>
<th>Date/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diabetes Awareness Day</td>
<td></td>
</tr>
<tr>
<td>BADAS Foundation Day, 28th February</td>
<td></td>
</tr>
<tr>
<td>Diabetes Service Day or Sheba Dibosh</td>
<td>Death Anniversary of National Professor Dr Mohammad Ibrahim, 6th September</td>
</tr>
<tr>
<td>World Diabetes Day (UN Day)</td>
<td>14th November</td>
</tr>
<tr>
<td>World TB Day</td>
<td>24th March</td>
</tr>
</tbody>
</table>
Mass awareness programs through various events

- Free Heart Camp
- Free Consultation on Diabetes Management and Treatment & Distribution of Guide Book at Hajj Camp and Ijtema at Tongi
- Children Art Competition
- Screening of diabetes in various centers and in the community for high risk people (IGT, IFG)
- 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 (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.
- Rally
- Community Mobilization Program
- Milad (Special Prayer)
- Orientation Program for TB awareness
- Seminar
- Workshops and Seminars on Diabetes, TB and Noncommunicable Diseases
- Group Discussion with Health Educators and Patients
- Feature film for creating mass awareness about diabetes
- 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 in different Affiliated Associations.
- Folk Song and Dance
Prevention of Non-communicable Diseases (NCDs)

**Patient Education:** The Health Education Department of BIRDEM has trained 8580 newly detected diabetes patients, GDM and IGT cases along with their family members for self care at the time of registration as new patients, through lectures and audio-visual aids during the period.

Re-education of previously enlisted patients with high blood glucose (individually) was provided to 85 patients. 13 participants received formal 02-week Diabetes Educators, Training: 6000 patients (approx) were provided Out-patient clinical follow-up. Visit by various institutes as part of academic program were organized and there were 8 visits by 410 persons. Training on glucometer operation were provided to 1735 and 38,800 patients. Insulin injection training through Syringe & vial were given to 7800 patients and Pen device to 4680 patients.

**Prevention of Foot Complications:** During this period 85 patients were enrolled for foot care treatments and 62 patients were detected as “high risk foot” patients.

**Material development of Health Micro Insurance (HMI)**

The Mechanism of Micro health insurance was likely to be misunderstood because; insurance always has a negative image in the society. A lot of literature, group meetings, posterings, along with exhibition of video, drama were developed to alter the perception of insurance. The Health Promotion initiative was elaborated to improve the health status of garment workers and to understand the concept of Micro Health Insurance was initiated by Bangladesh University of Health Science (BUHS) through preparing booklets and video with different modules. Video clips were produced on those five modules to be played in the factories.

Material Developed

Flip Chart and Manual Picture Cards were developed to conduct women group meetings by the Perinatal Care Project of Diabetic Association of Bangladesh. Leaflet, Manual and Flipchart were developed to create awareness on diabetes through Religious leaders (Kazi Project). With the Collaboration of Government of the Peoples’ Republic of Bangladesh, USAID, FAO, UNICEF Diabetic Association of Bangladesh has produced the plate design, concept of dietary pattern of pregnant mother and the National Dietary Guidelines and declared it as Bangladesh National Dietary Guideline.

Capacity Development for Combating Gestational Diabetes Mellitus (WDF 12-672)

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

A Training Manual was Developed by GDM Project.
Prevention and Intervention

Centre for Global Health Research (CGHR)
CGHR - a research wing of Diabetic Association of Bangladesh which aims:

- To create a center of excellence for epidemiological and clinical studies with special focus on diabetes and related cardiometabolic diseases.
- To develop strategies for prevention and care of diabetes and related NCDs.
- To have an authoritative voice for development of guidelines in the related disciplines for Bangladesh.
- To develop both national and international networks for global health research for non-communicable diseases.

The following projects are undertaken for Prevention and Intervention in the field of Diabetes and other Noncommunicable Diseases.

Changing Diabetes Barometer in Bangladesh
A joint research initiative of BADAS and Novo Nordisk Pharma (Pvt) which aims to investigate the status of diabetes management, glycemic control and complications in people with diabetes in Bangladesh through web-based registry of Diabetic Association of Bangladesh (BADAS).

Screening for Gestational Diabetes Mellitus and its Prevalence in Bangladesh
A joint initiative of BADAS.
Its objectives are: 1) To evaluate the countrywide prevalence of GDM and its associated risk factors in Bangladesh, and 2) To evaluate the knowledge about GDM among pregnant women in Bangladesh.

Pre-conception care through religious leaders (Kazis)
Goals are 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 people: Newly married couples, Religious leaders (Kazis) and Health service providers (Physicians, Nurses and Educators).

A cohort of 60,000 women will be followed from pre-conception to 5 years after delivery through this scheme.
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.
Prevention through Education Team

Diabetic Education Programme was conducted by Honorary Physicians (Diabetologist). They provide the scientific lecture for effective lifestyle modification for primary prevention of diabetes to modifying the modifiable risk factors through simple intervention of life style modification specially. (i) Modest weight loss (ii) increase physical activity/exercise among the employees of organisation in divided groups in Several Lecture.

Special emphasis has been given on healthy diet, nutrition education, increased physical activity, exercise etc.

A colorful diabetes guide book for primary prevention of Diabetes and NCDs in Bengali was published and distributed to each participants which is helpful for them to adopt life style modification and to reduce the prevalent of Type-2 DM & NCDs.

Improve the early detection of TB in persons with Diabetes

During the reporting year total 1044026 DM patients have been screened for TB through a simple questionnaire. Among them 10690 patients were presumptive TB and 8627 patients under went for sputum AFB microscopy. Through the sputum microscopy a total 1058 pulmonary positive cases were diagnosed. To increase pulmonary negative and extra pulmonary TB cases the project also gave financial support for X-ray and FNAC. During the reporting period total 680 & 11 DM patients got X-ray and FNAC support respectively. Through this initiative 171 pulmonary negative and 178 extra pulmonary TB cases were diagnosed. All the diagnosed TB patients were referred to their convenient DOTS centers for continuation of treatment. GeneXpert contributed 114 TB cases out of 959 patients those who were smear negative in sputum microscopy. From these Xpert detected patients 2 were rifampicin resistance who were referred to NIDCH for MDR management.

Drug resistance TB is a threat to control TB so the project initiated GeneXpert machine for yearly diagnosis of rifampicin resistance. Total 232 presumptive MDR TB cases underwent for GeneXpert and detected 2 rifampicin resistance cases that were also referred to NIDCH for MDR management.

Prospective Initiative

BADAS-USAID Challenge TB

Realizing the national and global TB and Diabetes Mellitus situation BADAS-USAID TB CARE II Project, Bangladesh has been operational since July 2013 aiming to increase the access TB services for Diabetic patients. Since the TB CARE II project has completed successfully on June 2015 another similar project titled BADAS-USAID Challenge TB Project, Bangladesh has been launched on July 2015 with the same objectives. To achieve the objectives a series of activities have been accomplished during the last year (July 2016 to June 2017).

Strengthen providers’ capacity in TB-DM diagnosis & case management

Capacity building is a pre-requisite to improve early case detection and provide quality services. So, to achieve the objective – 2 the project has been operational for providing various sorts of trainings. During the reporting period no significant capacity building activities have been done due to fund constrains.
Increase patients awareness about TB-DM co-morbidity

Development of awareness is an important task to promote early cases detection and prompt treatment delivery. During the reporting period various kind of awareness activities have been accomplished to build aware DM patients as well as mass population regarding TB. Since DM patients are more prone to have TB so the message regarding TB has been incorporated in 100,000 DM guide books. Total 12473 DM patients have been counseled through 141 counseling sessions to build awareness among DM patients. Besides, we have planned to develop posters, leaflets on TB-DM co morbidity. To sensitize mass population we have also plan to conduct TV and radio programs. To sensitize medical care provider and to maintain common management for all patients of TB with DM a good number of National Guidelines on management of TB-DM co morbidity have been distributed during the reporting period. To build awareness in DM patients regarding TB and Diabetes 10 LED monitors have been operational in OPDs of BIRDEM General hospitals, BIRDEM General hospitals, NHN, BIRDEM General hospitals, Chittagong, Pabna, Faridpur and Chapainawabganj Diabetic Hospital. For raising awareness in general population World TB day was observed during the reporting period with various activities like, rally, discussion meeting, displaying posters and banners, TB and Diabetes screening camp and talk show on radio & TV etc.

Dental Surgery Unit

Digital Dental Radiograph (RVG) have been started during this period.

Major Oral and maxillofacial surgeries (Oral cancer, facial fractures, Benign tumors, Large cyst, others) under General Anesthesia has started.

Maxillofacial prosthesis (Obturator) services have been started.

Pulpectomy/ Pulpotomy have been started.
GENERAL HEALTH CARE DELIVERY

Desirable Dietary Pattern for Bangladesh

A balanced diet provides energy and nutrients for optimal growth, development and body maintenance specially in the same way for Diabetic Patients for their glycemic control. Realizing the fact BIRDEM Nutrition Research Team prepared "Dietary Guidelines for Bangladesh". After that through the Inter Ministrerial Core Committee meetings, the guideline approved as a National Guideline for Bangladesh. Honorable Food Minister inaugurated the Publication arranged by a Seminar on 30 June 2016 at Dhaka. The 2nd Edition has already been published.

Training on "Dietary Diversity as an indicator of healthy diets and nutrition: methodologies and application in food security and nutrition (FSN) policies" was held during this Financial Year. The training is for FSN officials from FPMU and thematic team members from partner ministries of agriculture, fisheries and livestock, health and family welfare and women and children's affairs. A total of 25 participants attended the training.

Given the expertise in the field of dietetics and nutrition assessment for policy, MUCH-FAO asked BIRDEM to provide a practical session on "Dietary diversity of normal hospital diets" for the trainees for observing and assessing dietary diversity of the diets.

Training of 4th batch on Clinical Nutrition and Dietetics has been completed successfully. 100 participant (PhD, MPhil and MSc Students from Food and Nutrition Field) attended this 7 days training program.

Conducted of 7 days Internship of Food and nutrition students (student no. 86) at BIRDEM General Hospital. Certificate giving ceremony was held at BIRDEM Auditorium.

Submitted the project proposal under special allocation of Ministry of Science and Technology (MOST) of the year 2017 on STUDY OF FOOD SECURITY, DIETARY DIVERSITY SCORE AND METABOLIC

Materials Development through Diet and Nutrition Department, BIRDEM

Training materials on
- Clinical Nutrition & Dietary Management for Normal, with complication and hospitalized patients.
- Management and modification of diet.

BIRDEM Provides Dietary Management through Health and Nutrition Education (Lecture, Leaflet, Dietary Advice)
Women and child health
Major Activities

196 women's groups conducted monthly meetings including community meetings on different maternal and neonatal health issues in 3 unions (Balua, Jorgacha and Vatgram) of Bogra district under the DFID funded Project upto December 2016.

To strengthen the primary health care facility at the community level and build ownership, PCP has established links with staff of 10 Community Clinics (CCs) of Faridpur district. In Bogra, under DFID funded project upto December 2016. PCP has established links with the functional 12 community clinics. Women's group leaders now attend all 12 functional community clinic committee meetings on a monthly basis. Women's group members and BADAS-PCP staff regularly made visits to these community clinics. These opportunities have been used to share the needs of communities, lobby for improvements in service quality and accessibility and gather information to take back for sharing in communities.

District Managers of Faridpur and Bogra districts attended GO-NGO coordination meeting regularly. The coordination meetings held every month. All NGOs working in those districts attend the meeting and present their activities to apprise the government authorities.

Monitors recorded all deaths during pregnancy up to 6 weeks post-partum and all births and their outcomes (live birth, stillbirth, neonatal death) in three unions of Bogra district upto December 2016. Surveillance Manager also observed some data collection during field visit and provided feedback. M&E team compiled the data at PCP head office.

A community orientation meeting was held for The Bangladesh D-Magic Trial: Diabetes Mellitus Action through Groups or Information for better Control. D-Magic is a randomized control trial funded by Medical Research Council (MRC), UK at Conference Room, Faridpur Diabetic Association on 13th September 2015. Sardar Saraf Ali, District Commissioner, Faridpur was present as Chief Guest, Dr. Md. Khalilur Rahman, Deputy Director-Family Planning, Faridpur and Dr. Ashit Ranjan Das, Civil Surgeon, Faridpur were present as special guests.

Arranged two days training for the Facilitators, coordinators and district manager of Faridpur District Office on participatory evaluation.

122 participatory groups (61 male and 61 female groups) conducted meetings including community meetings on prevention and control of diabetes in 32 villages of four upazilas (Saltha, Nagarkanda, Boalmari and Modhukhali) of Faridpur district under D-Magic project funded by MRC-UK.
Facilitators conducted 1342 meetings on prevention and control of diabetes. Arranged 32 community meetings and 10,120 participants attended in those community meetings. Among them 4336 were males and 5784 were females.

4 advisory committee meetings were held in four upazilas of Faridpur district under D-Magic project.

Voice SMS on prevention and control of diabetes were delivered from 21 October 2016 to 8980 mobile phone subscribers of 32 villages of four upazilas of Faridpur district, and is ongoing.

The mHealth survey took place in Faridpur in December 2016. It included 204 participants, 108 of whom were message subscribers and 96 were non-subscribers. The aims of the survey were to find out how the messages had been received, what people thought of the messages, how they responded to the messages and whether they had been shared. The survey was based on the first 16 mHealth messages. The messages included a general introduction, 6 messages about diabetes (what it is, symptoms, prevention etc.), 4 about care-seeking for diabetics and 5 about diet. The results from the survey will be used to inform future messages.
SECONDARY & TERTIARY CARE OF DIABETES

BADAS provides Secondary and Tertiary care to a large number of diabetic patients in the form of general and specialized clinical services, diagnostic interventions and surgical interventions from basic to highly advanced.

In 2016-17, 23981533 laboratory tests and 607233 Radiological interventions were carried out by BADAS Institutions/Projects & Affiliated Associations.

Table: Number of Test/ Investigations performed

<table>
<thead>
<tr>
<th>Institution</th>
<th>No of Test/Investigation 2015-16</th>
<th>No of Tests/Investigations 2015-16</th>
<th>No of Tests/Investigations 2016-17</th>
<th>No of Tests/Investigations 2016-17</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lab Test</td>
<td>Radiology &amp; Imaging</td>
<td>Lab Test</td>
<td>Radiology &amp; Imaging</td>
</tr>
<tr>
<td>BIRDEM</td>
<td>10131170</td>
<td>139134</td>
<td>12943252</td>
<td>156230</td>
</tr>
<tr>
<td>NHN</td>
<td>701673</td>
<td>49734</td>
<td>763910</td>
<td>53050</td>
</tr>
<tr>
<td>BIHS</td>
<td>888676</td>
<td>49361</td>
<td>934421</td>
<td>51123</td>
</tr>
<tr>
<td>Non-BiHS Components (AAs) in HCDP</td>
<td>700121</td>
<td>49789</td>
<td>723165</td>
<td>53975</td>
</tr>
<tr>
<td>ICHR</td>
<td>266361</td>
<td>50558</td>
<td>217743</td>
<td>52711</td>
</tr>
<tr>
<td>Affiliated Associations</td>
<td>7156211</td>
<td>210798</td>
<td>8399042</td>
<td>240149</td>
</tr>
<tr>
<td>Grand Total</td>
<td>19844212</td>
<td>549374</td>
<td>23981533</td>
<td>607233</td>
</tr>
</tbody>
</table>

Kidney and Liver Transplant Unit (KALTU)

Total no of Living related donor Kidney transplantation from July 2016 to June 2017: 04
Total no. of Living related donor Kidney transplantation from November 2004 to June 2017: 127
At the end of FY 2016-17, the total bed capacity of BADAS facilities increased to 4010 from 3960 in FY 2015-16.

Table: Bed Capacity at a glance under BADAS Facility

<table>
<thead>
<tr>
<th>Name of the Hospital</th>
<th>Bed Capacity 2015-16</th>
<th>Bed Capacity 2016-17</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHN-Ibrahim General Hospital</td>
<td>390 bed, 5 hospitals under NHN</td>
<td>390 bed, 6 hospitals under NHN</td>
</tr>
<tr>
<td></td>
<td>(Wari-100, Rampura-100, MPL-50, Dhanmondi-30, Chandra-10, Mirpur-100)</td>
<td>(Wari-100, Rampura-100, MPL-50, Dhanmondi-30, Chandra-10, Mirpur-100)</td>
</tr>
<tr>
<td>ICHRI</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</td>
<td>435</td>
<td>435</td>
</tr>
<tr>
<td></td>
<td>(Sirajganj, Dinajpur, Thakurgaon, Pabna, Bogra)</td>
<td>(Sirajganj, Dinajpur, Thakurgaon, Pabna, Bogra)</td>
</tr>
<tr>
<td>Affiliated Associations</td>
<td>2139</td>
<td>2139</td>
</tr>
<tr>
<td></td>
<td>(Total 26 Affiliated Associations have hospital facilities)</td>
<td>(Total 26 Affiliated Associations have hospital facilities)</td>
</tr>
<tr>
<td>Total</td>
<td>3960</td>
<td>4080</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BIRD</td>
<td>EM</td>
<td>482</td>
<td>508</td>
<td>655</td>
<td>638</td>
<td>11</td>
<td>11</td>
<td>1239</td>
</tr>
<tr>
<td>NHN</td>
<td>141</td>
<td>153</td>
<td>79</td>
<td>85</td>
<td>19</td>
<td>19</td>
<td>68</td>
<td>126</td>
</tr>
<tr>
<td>ICHRI</td>
<td>115</td>
<td>115</td>
<td>278</td>
<td>297</td>
<td>3</td>
<td>5</td>
<td>26</td>
<td>49</td>
</tr>
<tr>
<td>BIHS</td>
<td>123</td>
<td>127</td>
<td>62</td>
<td>71</td>
<td>8</td>
<td>8</td>
<td>80</td>
<td>89</td>
</tr>
<tr>
<td>Non-BIHS Components (AAs) in HCDP</td>
<td>87</td>
<td>85</td>
<td>84</td>
<td>87</td>
<td>7</td>
<td>7</td>
<td>143</td>
<td>151</td>
</tr>
<tr>
<td>Affiliated Associations</td>
<td>731</td>
<td>740</td>
<td>611</td>
<td>631</td>
<td>89</td>
<td>85</td>
<td>812</td>
<td>829</td>
</tr>
<tr>
<td>Total</td>
<td>1679</td>
<td>1728</td>
<td>1769</td>
<td>1809</td>
<td>137</td>
<td>133</td>
<td>2458</td>
<td>2503</td>
</tr>
</tbody>
</table>

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
GENERATING HUMAN RESOURCES IN HEALTH CARE

Next to the government sector BADAS is the largest health manpower generating organization in the country

Formal Courses
Courses and students in various institutions/ Affiliated Associations of BADAS

<table>
<thead>
<tr>
<th>Course</th>
<th>Session 2016-17 Institute</th>
<th>Discipline</th>
<th>Students enrolled in diff parts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diploma</td>
<td></td>
<td>Dermatology, Anesthesiology, Endocrinology &amp; Metabolism, Radiology &amp; Imaging, Dermatology &amp; Venereology and Laboratory Medicine</td>
<td>80</td>
</tr>
<tr>
<td>BIRDEM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dinajpur Diabetic Association</td>
<td></td>
<td>Diploma in Nursing Sciences and Midwives</td>
<td>50</td>
</tr>
<tr>
<td>Technical Institute</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faridpur Diabetic Association</td>
<td></td>
<td>Diploma in Nursing Course</td>
<td>50</td>
</tr>
<tr>
<td>Nursing Institute</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rajshahi Diabetic Association</td>
<td></td>
<td>Diploma in Nursing Sciences and Midwives</td>
<td>170</td>
</tr>
<tr>
<td>Nursing Institute</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ibrahin Cardiac Hospital</td>
<td></td>
<td>Diploma in Advanced Cardiac Nursing</td>
<td>40</td>
</tr>
<tr>
<td>&amp; Research Institute</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate</td>
<td></td>
<td>BSc in Laboratory Technology</td>
<td>60</td>
</tr>
<tr>
<td>Bangladesh University of Health</td>
<td></td>
<td>BPH</td>
<td>04</td>
</tr>
<tr>
<td>Sciences</td>
<td></td>
<td>BSc</td>
<td>63</td>
</tr>
<tr>
<td>Graduate</td>
<td></td>
<td>MBBS</td>
<td>110</td>
</tr>
<tr>
<td>Ibrahim Medical College</td>
<td></td>
<td>MBBS</td>
<td>95</td>
</tr>
<tr>
<td>Faridpur Diabetic Association</td>
<td></td>
<td>MBBS</td>
<td>70</td>
</tr>
<tr>
<td>Medical College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Bengal Medical College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIRDEM Nursing</td>
<td></td>
<td>BSc</td>
<td>100</td>
</tr>
<tr>
<td>Postgraduate</td>
<td></td>
<td>MD</td>
<td>89</td>
</tr>
<tr>
<td>BIRDEM Academy</td>
<td></td>
<td>MS</td>
<td>23</td>
</tr>
<tr>
<td>BLHS</td>
<td></td>
<td>MPhil</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MPH</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MS</td>
<td>51</td>
</tr>
</tbody>
</table>

During 2016-17, 68.52% student has been graduated from Ibrahim Medical College. IM-1 to IM-11th batches have been completed MBBS. Out of 851 students 770 students have been passed successfully.
Short/ Certificate Courses, Training Workshop Programs

Training Program of BADAS for Affiliated and sub-Affiliated associations

Total 11 Doctors (Radiology & Imaging-01, Medicine-02, Dental-02, Gayenae-01, Nephrology-02, Footcare-02, Ophthalmology-01, Diabetes & Endocrinology-02), Nurse-03, Medical Technologist-06 have been trained at BIRDEM.

Three Regional Workshop were held (Kishoregonj, Barisal & Pabna) which has covered 24 affiliated associations.

Three Scientific Seminars were arranged by the Affiliated Associations.

Thirty Four Doctors from Affiliated and Sub-affiliated Associations have completed CCD course under DLP.

National Healthcare Network

NHN is already continuing the Certificate course for the BUMS & BAMs Doctors of Hamdard University Bangladesh.

Ibrahim Cardiac Hospital & Research Institute (ICHRI)

Training Course on Cardiac Nursing

3 months long ‘Training Course on Cardiac Nursing’ has been organized for professional development of Nurses. During the year two courses have been completed where 23 participants successfully passed the course. Lt. Col (Rtd) Dr. Md. Hamidur Rahman, Head of Anaesthesiology is the Advisor and Mst. Zibon Nahar is the coordinator of the course.

Diploma in Cardiac Nursing Course

Session 2016-2017 (5th batch), Advertisement for enrolment in Diploma in Cardiac Nursing for the session 2016-2017 (5th Batch) under Bangladesh Nursing Council has been completed. 09 students appeared in the final examination and passed successfully which has been conducted centrally by Bangladesh Nursing Council.
Session 2017-2018 (6th batch): Diploma in Cardiac Nursing Session (2017-2018) has been started from 10th July. 2017. 20 students are admitted in this session.

Hands on Training “Care for ventilated patients”
7 days long Hands on training “Care for the ventilated patient” has been organized for professional development skills of Doctors and Nurses. During the year two courses have been completed where 9 Doctors & Nurses have participated & successfully passed the courses.

CPR (Cardio Pulmonary Resuscitation) Training
One day CPR training course has been organized for professional development of Doctors & Nurses. During the year 3 courses have been completed where 12 Doctors & 44 Nurses have participated and passed the training successfully.

Training Course on Cardiac Nursing
- Three Months duration Course
- Two Batches in a year (40 students in each batch)

CPR (Cardio-Pulmonary Resuscitation) Training Course
- One day program for doctors, Nurses, paramedics & others
- Three Batches in a year (22 students in each batch)
- Hands on Training: “Care for the Ventilated patient”
- One week Training program for the doctors & Nurses
- Two Batch in a year (20 students in each batch)

Perinatal Care Project (PCP)
Arranged two days training for the Facilitators, coordinators and district manager of Faridpur District Office on participatory evaluation.

Changing Diabetes in Children (CDiC) Programme
A Scientific Seminar on Paediatric Diabetes was held in Hotel Royal Int’l, Khulna on 10th November 2016 and 63 doctors has been participated in this Seminar.

CME, HCP & Refresher Training Program was organized by CDiC in FY 2016-17
Capacity Development for Combating Gestational Diabetes Mellitus (WDF 12-672)

Arranged 16 Training Programs in all over the country with approximately 3500 health professionals 1152 physicians, 768 Nutritionist/Health Educator, 768 Nurses/Midwives and 768 Community level Health Workers from GO and NGO sectors from adjacent 4 districts attending the centers as that is convenient for them. 64 advocacy meetings with opinion leaders from GO/NGO level each district headquarters also took place. It also arranged 24 awareness symposium for health care professional all over the country with audience from medical & nursing, public health service providers, 16 day celebration programs will be organized for building awareness about the Gestational Diabetes Mellitus (GDM).

More than 2799 health care providers have been trained from 15 training programs organized in Dhaka, Rajshahi, Sylhet, Tangail, Mymensingh, Faridpur, Barisal, Dinajpur, Comilla, Jessore, Bogra, Rangpur.

A total no of 47 round table advocacy meetings were conducted.

Department of Diet and Nutrition

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

<table>
<thead>
<tr>
<th>Types of Participants</th>
<th>No of Participants</th>
<th>Duration</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctors</td>
<td>150</td>
<td>2 Days</td>
<td>BUHS</td>
</tr>
<tr>
<td>Students</td>
<td>26</td>
<td>3 Days</td>
<td>Dhaka University</td>
</tr>
<tr>
<td>Students</td>
<td>10</td>
<td>1 Day</td>
<td>Jahangir Nagar University</td>
</tr>
<tr>
<td>Professionals</td>
<td>90</td>
<td>3 Days</td>
<td>BIRATAN, Dhaka</td>
</tr>
<tr>
<td>Nurses</td>
<td>4</td>
<td>3 Days</td>
<td>United Hospital</td>
</tr>
<tr>
<td>Nutritionist</td>
<td>6</td>
<td>1 year</td>
<td>Honorary</td>
</tr>
<tr>
<td>Nutritionist</td>
<td>60</td>
<td>2 Days</td>
<td>BUHS</td>
</tr>
<tr>
<td>Health Educator</td>
<td>20</td>
<td>2 Days</td>
<td>BUHS</td>
</tr>
<tr>
<td>Health Educator</td>
<td>2</td>
<td>3 Days</td>
<td>AA’s BADAS</td>
</tr>
</tbody>
</table>

Department of Nephrology

Department provides clinical training to postgraduate students of BIRDEM Academy, clinical students of Ibrahim Medical College as well as to the doctors of other departments placed by rotation under the department.

Department of Critical Care Medicine (CCM)

"Multiprofessional Critical Care Workshop": A review course of critical care medicine.

Training on STATA and How to write a research paper.

Department of Pediatrics and Neonatology

Academic Course/Training

<table>
<thead>
<tr>
<th>Course/Training</th>
<th>Discipline</th>
<th>Student/Doctor enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate course</td>
<td>Paediatrics</td>
<td>220</td>
</tr>
<tr>
<td>FCPS (Training)</td>
<td>Paediatrics</td>
<td>10</td>
</tr>
</tbody>
</table>
Division of Laboratory Services

Academic Activities

Courses scheduled for theoretical & practical sessions of the post graduate courses, students and trainees coming from different institutes like BSMMU (MD).

<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 institute</td>
<td>Dhaka university</td>
<td>1 months to 6 months duration</td>
</tr>
<tr>
<td></td>
<td>Rajshahi University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Institute of Health Technology</td>
<td></td>
</tr>
</tbody>
</table>

Department of Nursing

Training Activities

Two nurses participated in 5 Days Training on ETAT and sick newborn care for nurses at Dhaka Shishu Hospital.

One Nurse participated in 2 Day GI Nurse training course at BICC, Dhaka.

One Nurse participated in 12 Day Training of Trainers (TOT) on Management Training Development Course from 25th September 2016 to 06 October 2016.

192 Nurses participated in a One day Training on “In house Medical Waste Management”

368 Nurses participated in One Day Computer Training Program at BIRDEM.

Academic Activities

Classes arranged for 116 students of BSc in Nursing and BSc in Public Health Students regarding “Diabetes and other Endocrine Diseases”.

Twelve Students come from Kumudini Nursing College for clinical field practice in different wards on 18/02/2017 to 24/02/2017 and it is continuing.

Eighty Four Students come from BIRDEM Nursing College for clinical practice in different ward to complete their curriculum and it is continuing.

1st, 2nd and 3rd year Students come from BIRDEM Nursing College for clinical practice in different wards to complete their curriculum and it is continuing.

Inservice Education Program is going for all nurses.

Laboratory Medicine), Dhaka University (Biochemistry and Molecular Biology Department), Armed Forces Institute of Pathology and other Institutes. Students of MD (Histopathology and Microbiology) residency and Diploma in Blood serology and transfusion of BIRDEM academy are regularly placed for their training in clinical pathology and Biochemistry section.

Existing academic courses and Teaching facilities:

Department of Transfusion Medicine

Workshop on Platelet Regenerative Therapy was organized on the occasion of World Thalassemia Day to 350 trainee.

BSMMU, BIRDEM Collaboration with AATM organized workshop on Transfusion Medicine and 7 trainee participated.

Short Training Programme was given to BIRDEM, IMC, MD/M5 student, Medical Technologist.

Department of Microbiology

The department offered laboratory training to doctors, medical technologists, paramedics of the hospitals and allied institutions for 1 Year, 6 months and 3 months training.
Department of Histopathology & Cytopathology

One month training on Histopathology for medical technologists

Department of Pediatric Surgery

Seven-days' placement of Intern doctors who undergo clinical training and teaching followed by an assessment examination at the end of placement.

BIRDEM Academy

Honorary training for Doctor

BIRDEM Academy organized the training of Medical graduates as Honorary Medical Officers (HMO) in different clinical departments. In session 2016-17 a total number of 77 (Seventy Seven) doctors had been recommended to join as HMO.

Laboratory Training

BIRDEM Academy conducted Laboratory training programmes under Research Cell in different laboratories. Students of Medical technology, Dental Technology, Physiotherapy, Biochemistry, Biotechnology, Microbiology, MBBS, M.Phil or PhD can participate 01 week, 01 Month or 06 Months Laboratory Training.

Training in Nutrition Department

BIRDEM Academy organized one month training for B.Sc./M.Sc students of Food & Nutrition. A total number of 05 students got training in the year 2016-17.

Internship Training for MBBS Doctor

BIRDEM Academy organized internship Training for MBBS Doctor of Ibrahim Medical College (IMC) and other Medical Colleges. 136 doctors completed their one year compulsory Internship Training in the year 2016-17.

Division of Surgery

Skill training in laparoscopic surgery for surgeons and gynecologists (BIRDEM programme for trainees from SLSB)

Department of Anesthesiology & SICU

Live workshop on interventional pain management. First time in BIRDEM.

Live workshop on interventional pain management on the occasion of World Anaesthesia day.

Pre congress workshop of International conference of SAARC Association of Anaesthesiologists.

Live workshop on spine & cancer pain in BIRDEM.

Live Workshop on endoscopy of GIT in BIRDEM.

Department of Pharmacology

Conduct Nutrition training Program as training coordinator

4th batch training on Clinical Nutrition and Dietetics has successfully completed 7 days training program.

Conduct of 7 days Internship of Food and nutrition students (student no 86) at BIRDEM General Hospital.

Department of Health Education

The Department provides Training of physicians/educators: 13 participants received formal 02-week Diabetes Educators Training. Insulin injection training were provided to 7800 patients through Syringe & Vial and 4680 through Pen device.

RVTC for Juvenile Diabetics

Provide suitable vocational and skill development training to the Juvenile Diabetic patients so that they may get employment.

Starting of Training programme for Juvenile diabetes in various trades (Engg Workshop) befitting to them in the existing facilities available.
Capacity Development for Combatting Gestational Diabetes Mellitus

Conducting Training Programs
Arrange 16 Training Programs all over the country with approximately 3500 health professionals including 1152 physicians, 768 Nutritionist/Health Educator, 768 Nurses/Midwives and 768 Community level Health Workers from GO and NGO sectors (with approx 50% in each category). They attended from adjacent 4 districts as the centers were convenient for them. 64 advocacy meetings with opinion leaders from GO/NGO level held at each district headquarters under the chair of the Deputy Commissioner (DC).
Arranged 24 awareness symposium, for health care professional, all over the country with audience from medical & nursing and public health service providers.
Besides, a 16 day celebration programs will be organized for building awareness about the Gestational Diabetes Mellitus (GDM).

Planned activities to reach objectives
Organize training program for 400 religious leaders (Kazis).
Organize training program for 300 health service providers (Physicians, Nurses and Diabetes Educators).
Establish 50 preconception care corners in BADAS centres/hospitals and its AAs.
Organize pre-conception counselling by religious leaders and health care personnel and in addition, pre-conception care by health care personnel.
Organize television and radio talk shows with religious leaders and health care providers for improving community awareness.
Development of education/awareness materials on preconception care and prevention of GDM and associated cardiometabolic risks.
Establish an expert advisory committee with members from BADAS, Association of Marriage Registrars (Kazis), Ministry of Law and Justice and Ministry of Health and Family Planning.

Pre-conception care through religious leaders (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) have been initiated.
Target people: Newly married couples, Religious leaders (Kazis) and Health service providers (Physicians, Nurses and Educators)

Knowledge and Care regarding GDM among Bangladeshi Population
A joint research initiative for Preconception Care through Religious Leaders project of Centre for Global Health Research and South Asian Federation of Endocrine Societies (SAFES), Bangladesh is continuing.
INCREASE HEALTH SERVICE COVERAGE

Health Micro Insurance (HMI)

A project of BADAS (Diabetic Association of Bangladesh) in collaboration with the UICL (United Insurance Company, Limited) & New Asia Group of Garment for providing comprehensive Medicare to approx. 9000-10,000 garment industry workers. In the pilot phase Swiss Micro Insurance Consultancy Group (SMCG), Swiss Tropical and Public Health Institute (Swiss TPH) and TRCL (Telemedicine Reference Centre Ltd.) has 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) that has provided health care support to the garments workers in collaboration with National Health Care Network (NHN), one of the largest enterprises of BADAS.

Through HMI garments workers were able to access health service facilities from NHN centers in return for a minimalistic premium paid to an insurance company. In case of referrals and higher care components other BADAS centers are also used.

The premium is reimbursed by the workers’ employer, which covers the costs for the health service.

Initial Intervention Strategy

The Health Micro Insurance project for garment workers in Bangladesh has been developed by the senior managements of BADAS, UICL, TRCL and the New Asia Group of garment factories. BADAS and UIC have been experimenting with an insurance scheme on a limited scale and sought a mechanism
for up-scaling and technical support to conduct that process in a professional way. They associated Prof. Niklaus Gy of the Academy of Swiss Insurance Medicine in Basel who has a long-term relationship with BADAS and the SDC (for health policy work). Through him, actuary, legal and other expertise was mobilized in Switzerland to give the project the final shape and seek financial support. The SDC contribution sought was used to finance the major part of the technical assistance and some project (non recurrent) expenses, while all operational costs, notably the health services costs and all the insurance risk related costs was borne by the insurer UICL. The approach was to develop a scalable, salary based premium through the New Asia Group of garment industries, linked with the health service provider BADAS to create a sustainable health financing mechanism.

Gate keeper and the crucial data processing function will be provided through the telemedicine service.

**Overall Objectives:**

To increase health service coverage with improved disease prevention, immediate access to health information, and efficient cost control through a health micro financing plan by testing the economic viability of a health insurance for industry workers.

**Program Plan**

To make the program cost effective, BADAS introduced three innovations: Preventive Health Promotion Initiative, Call Center and Outdoor Treatment

**Health service delivery:**

Healthcare delivery is divided into two parts,

Preventive part (Health Promotion Initiative)
Covered by BUHS interacting directly with the garment workers without hampering production time.

Curative part delivered by mainly National Healthcare Network (NHN) Services are given-Treatment (OPD/IPD), Medicine and Diagnostic

**Health Promotion Initiative**

The insured would be able to obtain the full benefits of the insurance coverage if he/she participated in the Health promotion, Education and Disease Prevention Program (HPEDPP). The HPEDPP is Provided by Bangladesh University of Health Sciences (BUHS).

**Education Materials:**

BUHS distributes Booklets & Videos on 5 Modules:

Nutrition, Hygiene, Communicable & Non Communicable diseases, Reproductive & Child health, Occupational health, Financial literacy

**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.

**Pharmacy**

BADAS Pharmacies are available in BADAS outpatient and Hospital places & open 24 hours (day and night). 7 days a week. Patients will collect medicine from these pharmacies.
Ibrahim Health-Line

Bangladesh Diabetic Association (BADAS) has more than 95 Centers across the country including the Affiliated and Sub-Affiliated Centers; it is the opportune moment to provide access to patients of BADAS through mobile technology. Hence BADAS inaugurated Ibrahim Healthline, a telehealth service to provide its patients access to healthcare service through their mobile phones. This is currently being operated from the Call Center at National Healthcare Network (NHN), an enterprise of BADAS with more over 20 medical centers.

The Call Center will be beneficial to different stakeholders, such as similar medical professional groups/associations, pharmaceutical companies, and particularly the general people. The Call Center will provide diagnosis, prescription and referral support 24/7 to the registered subjects nationwide. As mentioned earlier prescription generation over SMS was established during the HMI pilot project. The Call Center will be attended by doctors. In developed countries call centers are attended by nurses because their competency is good and doctors are not affordable.

Since the Call Center was established during the Health Micro Insurance (HMI) pilot project, the major investment required for setting up such a center had already been incurred. An additional small investment was required to cover costs of relocation and supplementation.

Registration Process:
Patients will be able to register to Ibrahim Healthline from the centers of Bangladesh Diabetic Association (BADAS) and also through a web portal.

Benefits/Services for Registered Patients
- Medical Advice over mobile/landline with a qualified doctor
- Referrals to a medical facility under Bangladesh Diabetic Association (BADAS) via mobile/landline
- Request Lab Technician to visit member’s home to collect samples (blood, urine, cough etc.)
- Prescriptions and Investigations through SMS
- Order home delivery of prescribed medicines
- Speak to Health Educator regarding Lifestyle Management, Dietary Habits, and Counseling.

Ibrahim Healthline Inaugurated at Chittagong & Noagoan in February 2017
Health Care through Micro-Insurance

Universal Health Coverage Plan (UHCP) is the modified concept of the Health Micro insurance (HMI) project. HMI is a project of BADAS (Diabetic Association of Bangladesh) 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 collaborated to set up the initial system from their practical experience and expertise. BADAS has successfully operated the 2nd year of the Health Micro Insurance (HMI) and has provided health care support to the garments workers through National Health Care Network (NHN), one of the largest enterprises of BADAS.

Through HMI, garments workers were able to access health service facilities from NHN Centers in return for a minimalistic premium paid to an insurance company. In case of referrals and higher care components other BADAS Centers were also used. The premium paid by the workers’ employer covered the costs for the health service. After successfully completing the Health Micro Insurance Project, Bangladesh Diabetic Somity (BADAS) intends to do another project by modifying the Health Coverage Plan for the garment workers and run the program without the Insurance Coverage.

The experience and findings from the Two Years Pilot show that the Insurance Company conducted only financial management. Moreover, the market practice of charging premium for Micro Insurance is a bit different in Bangladesh. The current practice of Insurance Companies in Bangladesh is to charge the one-year’s premium in advance. This makes it difficult for the Garments Owners as well as workers. However, it is easier for garment owners and workers to pay a monthly proceed which is the actual embodiment of Micro Insurance. The Insurance Policies in Bangladesh does not include this practice. For the betterment of the monetary transaction without insurance, BADAS is piloting a new concept of UHCP for garment workers in collaboration with WOF.

In this particular 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 it’s foundation “Weave Our Future” plans to operate a Health Coverage Pilot Project among Ready-Made Garment Workers in the selected factories of Narayanganj area, Bangladesh.

The overall objective of the project is to increase comprehensive and universal health services coverage with improved disease prevention, immediate access to health information and services and efficient cost control through a structured health care financing plan. The objective of the project not only provide health care services but also deliver the health educational / awareness promotion and disease prevention. The project will be implemented with the foresight to make it totally sustainable without external fund remittance within 4 years from project implementation.
TOWARDS EXCELLENCE IN BIOMEDICAL

Publications

In association with Endocrine Society one supplement issue of 'Diab Endocr J' have been published.

Ibrahim Medical College published 2 issues of the "IMC Journal of Medical Sciences".

BIRDEM published 2 issues of the "BIRDEM Medical Journal".

Ibrahim Cardiac Hospital published 2 issues of the Journal & ‘Cardiac Bulletin’ each.

BADAS published 3 issues of ‘Kanti’ (a Bangla popular health magazine).

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.

In collaboration with BRAC, BADAS published a Manual for Laboratory Technicians

<table>
<thead>
<tr>
<th>Items</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Publications*</td>
<td>197</td>
</tr>
<tr>
<td>National Publications**</td>
<td>241</td>
</tr>
<tr>
<td>International Presentation</td>
<td>103</td>
</tr>
<tr>
<td>National Presentation</td>
<td>294</td>
</tr>
</tbody>
</table>

*Published in Journals Indexed in International Databases
**Published in Journals recognized by BMDC

Leaflet, Poster, Banner, Flip Chart, Flash Card has been published through various Institutes and Projects from BADAS RVTC Press.

"Critical Care Medicine Journal” published by Critical Care Medicine Unit of BIRDEM.

Manual and National Guidelines for the Management of TB-DM Comorbidity and Pre Conception Care through Religious Leaders has been published.
Major Focal Areas of Research at BADAS

- 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

Outstanding Contribution

Award/ Sponsorship/ Grant/ Fellowships in the FY 2016-17

Prof. Dr. Ashesh Kumar Chowdhury of Immunology Department, BIRDEM was selected as the 'external member' of procurement committee of the grant to Department of Biochemistry and Molecular Biology of Bangabandhu Sheikh Mujib Medical University (BSMMU) for Higher Education Quality Enhancement Project (HEQEP) (Sub-project -3073) of University Grants Commission (UGC) granted to BSMMU by UGC. Invited as a 'member' to attend the meeting of the 'National Committee for Immunization Practice (NCIP)' held under the chairmanship of secretary, Ministry of Health and Family Welfare (MOH&FW), Government of Bangladesh (GOB) on 5th January, 2017 in the conference room of Bangladesh Secretariat, Dhaka. Invited as the 'Guest Speaker' to the '3rd National Convention and Scientific Seminar on Organ Transplantation 2017' organized by Society of Organ Transplantation (SOT) Bangladesh to deliver lecture on the 'Role of tissue typing in organ transplantation' held on 6-7th May 2017.

Dr. M. Sohrab Alam received molecular training on Roche Light Cycler 480 II instrument, programming and operation, mutation detection of cancer causing gene, NRAS/KRAS, typing bcr-abl transcript quantification from Light Cycler application Laboratory of TIB Molbiol, Berlin, Germany on November 14, 2016.

Dr. Rumana Habib, Assistant Professor, Neurology has been awarded 2nd prize in poster session of International Neurology Conference on 7-8, December, 2016.

Post-doctoral Fellowship in Pediatric Urology under The Tamil Nadu Dr. MGR Medical University, Chennai, India (carried out in Apollo Children's Hospitals, Chennai, India) was awarded to Dr. Kamal M Choudhury, Associate Professor and Head, Department of Pediatric Surgery, BIRDEM General Hospital in 2016.
Prof. Arup Ratan Choudhury received National Award ‘EKUSHEY PODOK’ for his outstanding contribution in social work. For producing and directing movie on drug addiction and prevention Shargo Thake Narok- Special category award from India “Telecast Award” on 4th June 2016.

Prof MKI Quayyum Choudhury Honoured as Regional Faculty at AO Trauma Basic Course in Ranchi, Jharkhand, India; October 2016. First Governor of “American College of Surgeons” in Bangladesh, June 2017


Ibrahim Medical College (IMC) provide “Asiya Ibrahim Trust” scholarship to disadvantaged

On Going Research

- Immediate post transplant response of patients to Ciclosporine and Tacrofum Based immunosuppressive therapy.
- Comparison of different estimating equation for prediction of Glomerular filtration rate in kidney donors.
- Effects of ACE Inhibitor and Angiotensin receptor blocker on proteinuria and renal function in patients with type-2 diabetes with overt nephropathy.
- Pattern of UTI, causative organism, sensitivity pattern and their management among diabetic patients.
- Relationship between anaemia and serum concentration of calcium and phosphorus in advanced non-dialysis CKD patient.
- Echocardiographic assessment of cardiac dysfunction in maintenance haemodialysis patients.
- Pattern of renal involvement and treatment response during diagnosis of connective tissue diseases in pediatric age group patients.
- Efficacy of Cystatin C as early predictive bio-marker of acute kidney injury in contrast induced nephropathy.
- Intravascular complications of central venous catheter according to insertion sites – A comparative study.
- Influence of Pre-Admission Location on Outcome of Patients Admitted to an Intensive Care Unit in Bangladesh.
- Abnormal Levels of Central Venous Oxygen Saturation as a Predictor of Outcome in Patient with Sepsis and Septic Shock Admitted in a Tertiary Care Hospital, Bangladesh.
- The Effect of Pulmonary Surfactant on Mortality in Neonates Affected by Respiratory Distress Syndrome: A Study from an Urban Hospital in Bangladesh.
- Modalities of Soft Tissue Coverage in Diabetic Foot Ulcers: Experience in BIRDEM Hospital.
- Evaluation of renal function before and after A-H pyeloplasty determined by Tc99m DTPA renogram.
- Recurrence of non-muscle invasive transitional cell carcinoma of urinary bladder following resection and intravesical chemotherapy.
- Recurrence of non-muscle invasive transitional cell carcinoma of urinary bladder following resection and intravesical chemotherapy.
- Association between sub clinical hypothyroidism & PDR in type 2 DM patients.
- Prevalence of normal tension Glaucoma (NTG) in the patient population attending in ophthalmology out patient department of tertiary care hospital.
- Comparative study between Epidural levobupivacaine and bupivacaine with fentanyl in major abdominal surgeries for type – 2 Diabetic patients.
Comparative study between IV paracetamol and IM pethidine for post-operative analgesia in laparoscopic cholecystectomy patient.

A comparative study between 1.5 ml only 0.5% bupivacaine with 1.5 ml 0.5% bupivacaine-fentanyl in SAB for lower abdominal surgery in moderate to severe cardiac compromised patient.

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

Incidence of infection, sensitivity pattern, complication and outcome in CKD patients of Bangladesh: An experience of tertiary care hospital.

Echocardiographic assessment of cardiac dysfunction in maintenance haemodialysis patients.

Renal involvement and its pattern during diagnosis of rheumatological diseases in different age group.

Pattern of renal involvement and treatment response during diagnosis of connective tissue diseases in paediatric age group patients.

Efficacy of Cystatin C as early predictive bio-marker of acute kidney injury in contrast induced nephropathy

Factors associated with warrant of ICU care in patients of rhabdomyolysis with renal injury.

Prevalence of Microalbuminuria in first degree relatives of CKD or ESRD patients.

Association of genetic polymorphism of GSTTI, GSTMI gene with cervical cancer patients of Bangladeshi population.

Study of high performance liquid chromatography and turbidimetric inhibition immunoassay for Hba1c analysis in diabetic patients with variant hemoglobin.


Effect of Metformin administration in the treatment of patients with acanthosis nigricans with insulin resistance.

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

Study on age specific sero-prevalence of Helicobacter pylori infection in rural Bangladesh.

Study on the diversity of candida sp. causing infection in a tertiary care hospital using colorimetric method.

Clinicopathological study of diseases and its correlation with prostate specific antigen level, size of prostate and Gleason’s scoring system in case of carcinoma.

A study on biopsied skin lesion in diabetic patients and its correlation with glycosylated Hb, vascular changes and duration of diabetes mellitus.

Study on soluble CD36, adiponectin and high sensitivity C-reactive protein (hsCRP) as diagnostic biomarkers of metabolic syndrome in non-diabetic and type-2 diabetic subjects.

Correlation of Circulating Interleukin-6 (IL-6), High sensitive C-reactive protein (hs-CRP) and Tumor Necrosis Factor (TNF-) in COPD Patients with Pulmonary Hypertension.

Identifying Prognostic biomarkers of type 2 diabetic Patients & developing low cost genetic screening tests for Bangladesh population.
Seminar / Conference/ Workshop

Regional Workshop was held in Kishoreganj Diabetic Association on 25-26 August 2016. Delegates (Doctors, Health Educators, Nutritionist and Laboratory Technicians) from Kishoreganj, Sherpur, Brahmanbaria, Jamalpur, Mymensingh, Narsingdi, Netrokona Diabetic Associations and Nalitabari Sub Affiliated Association were present in this workshop. The theme of the workshop was Skilled Development for Diabetes Management and Treatment. In Patuakhali Diabetic Association on 21st October 2016. Delegates (Doctors, Health Educators, Nutritionist and Laboratory Technicians) from Barishal, Bagerhat, Patuakhali, Pirajpur, Bholi and Jalalabad Associations were present in this workshop. The theme of the workshop was “Development for Diabetes Management and Treatment and find out the deficits in Laboratory Technique” in Pabna Diabetic Association on 2nd December 2016. Delegates (Doctors, Health Educators, Nutritionist and Laboratory Technicians) from Sirajganj, Natore, Rajshahi, Tangail, Bogra, Pabna, Kushuria, Shahazandpur, Singra and Bheramara were present in this workshop. Experts from Bangladesh University of Health Sciences (BUHS) organized a One Day Continuing Public Health Education Seminar on Qualitative Research Methodology at Ibrahim Auditorium, BUHS on 24th May 2017. The speaker was Jari Metsamuuronen Adjunct Professor of Research, University of Helsinki, Finland.

ICHRI organized Advanced Vascular Surgery Symposium on 30th July 2017 and International Advanced Vascular Symposium & Workshop at BIRDEM Auditorium. This was jointly organized by ICHRI, Institute Jantung Negara (UN) and National Heart Institute Malaysia

23rd Diabetes and Endocrine Conference 2017

In association with Endocrine Society, Bangladesh University of Health Sciences (BUHS) and BADAS organized the 23rd Diabetes and Endocrine Conference along with 7 satellite symposia on 25-27 January 2018 at BUHS. The program highlights - DEC symposium on disorders of growth and puberty, State of the Art Lecture, Invited Lecture, Free Paper Presentations and symposia.
“Preconception Care through Religious Leader” under this project BADAS provide mass awareness and training through seminar to the Health Educators and Nutritionist from Affiliated Associations all over the country.

A Scientific Seminar was held in Jhenaidah Diabetic Association on 6th April 2017 on “Good Management and treatment of Diabetes” Local doctors were present in this Seminar.

8th Regional Public Health Conference

During two-day Conference covers the field of noncommunicable diseases, globalization and health, geriatric medicine, mental health, health policy and program, injury, water and sanitation, health care financing, telemedicine, nutrition, and medical education.

About three hundred physicians, scientists, health professionals, activists from home and abroad (including those from India, Pakistan, Nepal, Somalia, Australia, and the USA) attended the Conference.

A Scientific Seminar was held in Dinajpur Diabetic Association on 22nd September 2016 on “Management of Diabetes”. 120 delegates were present in this Seminar.

Health Education Workshop was held in BUHS on 8-11 December 2016. Health Educators and Nutritionist from 12 Affiliated and Sub Affiliated Associations were present in this workshop. Experts from BIRDEM attended the workshop as trainers. The theme of the workshop was “Diabetes Update”.
ADDRESSING ACCESSIBILITY AND AFFORDABILITY: SAFETY NET FOR VULNERABLE GROUPS

Child saving activities
Life for a child (LFAC)

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.

Following Services are provided by LFAC programme:
- Insulin
- Glucometer
- Strip
- Lanset
- HbA1c Testing
- Retinopathy Screening

Through International Diabetes Federation Life for a Child (LFAC) Epidemiology Study is going on.

Objectives are
To set up a register (a list) of children and young people under 21 years with diabetes in Bangladesh and other developing countries, and determine the types and rates of young diabetic subject in Bangladesh. Also to determine the genes that may be influencing the types of diabetes in Bangladesh.

To investigate the type of diabetes in individuals with diabetes by looking at the history of diabetes in each person, and measuring certain chemicals in the blood that are important in causing diabetes.

To look at DNA samples from people with diabetes, and also without diabetes (such as yourself).
Changing diabetes in children (CDiC) program is an initiative of Diabetic Association of Bangladesh in collaboration with Novo Nordisk and WDF. It is an integrated approach of providing free comprehensive and sustainable healthcare to children with diabetes in Bangladesh. The overall goal of the project is to increase access to diabetes care for children with Type 1 Diabetes and to help these children's life better.

The progress of the enrollment in the FY 2016-17
A Scientific seminar on Paediatric Diabetes was held on 22nd August 2015 at BIRDEM. 134 Participant were present there.

Table: Status of Registered Diabetic Patients on 30th June 2017

<table>
<thead>
<tr>
<th>Name of the Hospital/Health Care Centre</th>
<th>Registered up to 2015-16</th>
<th>Newly registered in FY 2016-17</th>
<th>Total Registered Patients up to 2016-17</th>
<th>Growth in Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDiC</td>
<td>2022</td>
<td>165</td>
<td>2187</td>
<td>8.16</td>
</tr>
</tbody>
</table>

A Scientific Seminar on Paediatric Diabetes

<table>
<thead>
<tr>
<th>Date</th>
<th>Venue</th>
<th>Type of Participant</th>
<th>No. of Participant</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.11.2016</td>
<td>Hotel Royal Int'l, Khulna</td>
<td>Doctors</td>
<td>63</td>
</tr>
</tbody>
</table>
CONTRIBUTING TOWARDS REGIONAL DEVELOPMENT

<table>
<thead>
<tr>
<th>Foreign Students at IMC</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Students at BUHS</td>
<td>19</td>
</tr>
</tbody>
</table>

Exchange of Views

International Conferences attended by the Doctors and Allied Health Professionals from BADAS

- Partnership for Maternal, Newborn & Child Health (PMNCH) meeting organized by World Health Organization in Maputo, Mozambique on October 25-28, 2016.
- 12th World Congress on Dentistry and Oral Health, August 4-5, 2016 Manchester UK.
- 1st International conference on stem cell therapy, Shoho University, Japan.
- World Congress of GI Endoscopy in Hyderabad, India from 15.02.17 to 19.02.17.
- Real-Life, Asia-Pacific Workshop in Dalian, China from 01-04 Sept 2016.
- 26th Conference of the (Asian Pacific Association for The Study Of The Liver) APASL held at Shanghai, China from 15-19 Feb 2017.
- Hepatitis Conference as preceptor from 01-03 June, 2017 Singapore.
- Diabetes Asia 2016 Conference, held in Kuala Lumpur, Malaysia, October 6-9, 2016.
- 54th (European Renal Association - European Dialysis and Transplant Association) ERA EDTA conference at Madrid, Spain on 3rd to 6th June, 2017.
- 52nd Annual Meeting of European Association for the Study of Diabetes, 12-16 September 2016, Munich, Germany.
- 21st Annual National Conference of North Eastern Diabetes Society (NEDSCON), Guwahati, Assam, India.
- 23rd Annual Conference of Indian Society of Critical Care Medicine in Kochin, India in February 2017.
- 5th National Conference on Tropical Medicine and Toxicology (BanTropTox) in November 2016.
- European Society of Cardiology (ESC) Congress-2016, held at Rome from 26-31 August 2016.
- American College of Physicians (ACP) Internal Medicine Meeting 2017, San Diego, California, USA from 30 March to 1 April 2017.
International Society for Pediatric and Adolescent Diabetes (ISPAD) conference at Valencia Conference Centre, Spain on 26-29th October 2016

All India Congress of Obstetrics & Gynaecology 28th & 29th January 2017, Ahmedabad, India Panelist on “Sepsis in Obstetrics”

Xth Conference of South Asian Federation of Obstetrics & Gynaecology, Hotel Pearl Continental, Lahore, Pakistan from 17th - 19th March 2017

Seminar on AOGIN (Asia- Oceania Research Organisation in Genital Infection and Neoplasia, on 13th – 14th August, 2016, Singapore.

Seminar on SASSM (South Asian Society on Sexual Medicine) on 19th to 26th September, 2016, Beijing, China.

Conference on COGI 2016 at Amsterdam, Netherlands from 10/11/16 to 13/11/16 on “Screening of newborn in congenital hypothyroidism

ASPIRE- Asia Pacific Initiative on Reproduction and Infertility on 30 March – 2 April 2017, KL, Malaysia

Women’s Health Summit 2017, organized by the Global Academic Research Institute, at Galle Face Hotel Colombo, Srilanka, 2017 on 27th July 2018

Indo-Bangladesh Summit on Reproductive Medicine, Kolkata, India, 28th June 2017

22nd IFFS- International Federation of Fertility and Sterility World Congress, New Delhi, India, 21st - 25th September 2016

Indo-Bangladesh Summit on Reproductive Medicine, Kolkata, India, 28th June 2017

12th International Congress of Asia Pacific Hernia Society (APHS)- Tokyo Dame Hotel, Japan 27th-29th October 2016

12th International Gastric Cancer Congress (IGCC 2017)) –Beijing, China on 20th-23rd April, 2017

36th Congress of European Society of Surgical Oncology-Krakow Poland 14th-16th September 2016.

International Cleft Conference, 8-11 February 2017, Chennai, India

1st Peripheral Nerve Transfer Workshop, 10 March - 11 March, 2017, Yishun, Singapore

2nd CLBS Symposium and Liver Transplant Workshop organized by Center for Liver and Biliary Sciences of Indraprastha Apollo Hospital, New Delhi, India- September 15-17, 2016.

15th World Congress of Endoscopic Surgery (WCES 2016) in conjunction with Endoscopic and Laparoscopic Surgeons of Asia (ELSA 2016), November 9-12, 2016. Shanghai– Suzhou, China

50th Annual Conference of The Urological Society of India. 18th-21st Jan 2017 at Mumbai, India.

AUA Annual Meeting organized by American Urological Association from 12 – 16 May, 2017 at Boston, USA.

World ENT CONGRESS at IFOS, Paris, France from 23.06.17 – 28.06.17.
Collaboration of BADAS with different International Organizations/ Universities for

- DaAn Health, China
- Aga Khan Foundation
- World Diabetes Foundation (WDF)
- 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 Shevchenko National University of Kyiv
- University of Santo Tomas, Manila, Philippines
- The University of Queensland, Australia
- University of Karachi, Pakistan
- University of Copenhagen, Denmark
- 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 Centre for Liver Transplant and Biliary Science (MCLBS), New Delhi, India
- Danish Knowledge Center for Rehabilitation and Palliative Care (REHPAI), Denmark, DK
- University of Exeter Medical School, Exeter, UK
- Muntada Aid, UK, Paediatric therapy and surgery
National and Internal Collaboration

In October 2017 a memorandum of understanding (MoU) has been signed between Ibrahim Cardiac Hospital & Research Institute and BIRDEM Academy. The MoU has been signed to establish academic collaboration between the ICHRI and BIRDEM Academy for post-graduation courses in MD (Cardiology) and MS (Cardiothoracic Surgery). This MoU is to formalize, strengthen and expansion of the collaboration between the institutions in the light of post graduate course in ICHRI in the following areas:

Exchange of students between these institutions for up gradation of theoretical and clinical knowledge in post graduate 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 will be placed under BIRDEM Academy for phase-A Course and will abide by all the rules and regulations outlined for students of other MD courses run by the Academy. Similarly students will abide by the rules and regulations of ICHRI during phase-B period.
ACTIVE BEYOND THE COUNTRY

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 Programme. Under this agreement, Bangladesh Diabetic Association will cooperate to introduce all the CCD courses (Certificate Course on Diabetes) to create Diabetes specialist doctors in West Bengal.

On this occasion, a special ceremony was held on 27 September 2017 at BIRDEM Hospital in Dhaka.

The MoU signing ceremony was presided over by DAB president 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 and President, Kolkata Diabetes Awareness and YOU, Dr. Debashish Basu was also present in the program.

MoU between Max Centre for Liver Transplant & Billiary Sciences, (MCLBS) New Delhi, India and ICHRI

Muntada Aid UK & ICHRI Recontract Signing Ceremony 2017

Last year Muntada Aid charities UK has funded 95 patients with different congenital Heart diseases to perform operations interventions at Ibrahim Cardiac Hospital. MOU was signed between Muntada Aid UK & ICHRI to continue the current support for next year. ICHRI is grateful to Mr. K. Miah & Brigadier general Nurun Nahar Fatema for their painstaking works & extreme co-operation making the program successful.
EXPANDING THE MOVEMENT

Affiliated and Sub-Affiliated Associations

Upcoming Items

Rangpur Diabetic Association: A project profile of a 10 storied building for Diabetes & General Hospital is now under preparation, construction of 2nd floor of existing building has been taken up.

Rajbari Diabetic Association: Ministry of Social Welfare approval Project of 35-bed Hospital is under construction, 6th floor construction is going on, funded by Ministry of Social Welfare.

Pabna Diabetic Association: Diabetic Association Pabna is going to establish a nursing Institute for BSc Nursing Student with the support of Ministry of Health and Family Welfare, and this hospital is going to established a Medical College and adding a new unit like Kidney Dialysis Unit for treatment and rehabilitation of disable patients & want to introduc Endoscopy services.

Rajshahi Diabetic Association: have a Nursing Institute and planed to establish a Private Medical College

Panchagarh Diabetic Association: During this financial year construction works of the hospital has been completed. Now the hospital has X-ray, two operation theatres, male & female wards, two cabins, post operative room, nurses duty room and doctors changing & resting room. In this year both operation theatres are running successfully.

Narail Diabetic Samiti, Karim Diabetic & General Hospital has all the facilities in its 11 bed Hospital for its diabetic & non diabetic Patient. Now its' farther plan is to collect fund and expand it to a 50 bed hospital.

Noakhali Diabetic Association: 1. Construction of a six stored building in the own land. 2. Establishment of 50-bed Hospital in the six storied building. 3. Indoor treatment facilities. (4) To establish a training centre of pathology investigation.

Mymensingh Diabetic Association: Hundred-bed hospital building construction is going on. After building construction Diabetic patients of this district will get better treatment.
Natore Diabetic Association has purchased 3.00 Acres of land adjacent to the Bi-pass High way, The Association desire to build up in near future a multistoried Modern Complex Building with 200 indoor beds, all sorts of out door facilities including 24 hrs' Emergency Services. The Association would like to construct all the dept like Surgery, Medicine, Ophthalmology, Gynecology & Orthopedic and Pediatrics deptt. Providing specialist doctors for the respective wings. All sorts of pathological, Biochemical, Serological, Radiological with MRI and CT Scan. Ultrasonic. Endoscopic Examinations should have to be done by latest digital Equipments. Along with those hospital Facilities. Residence of the Specialist doctors, Medical Officers, Nurses & other staffs will also be constructed with the master plans of future Hospital.


Narayanganj Diabetic Association: Planned to establish a medical college. The master plan design is already been accepted and funded by MOHFW. Received affiliation from Bangladesh Nursing Council and Ministry of Health. Already started Diploma Nursing and Midwifery Course from 18 April 2017.

Naogaon Diabetic Association: The Association already have started 30- bed indoor hospital in 1st floor. Future plan is to start the chamber service (out door) for specialized Physician surgeon and Gynecologist at 2nd floor. Planned for Modern Laborotory 6 stored building Hospital, Nursing Institute, and Medical College.
Nursing Award Ceremony
Twelve nurses of different hospitals of Diabetic Association of Bangladesh were given Mahbub-Uz-Zaman Award-2016, for special contribution to nursing profession at a function organized by Bangladesh Diabetic Association at BIRDEM Auditorium on 12 May 2017.

Essay Competition
On the occasion of World Diabetes Day on 14th November and on the Occasion of 61st Anniversary of Diabetic Association of Bangladesh on 28th February an Essay competition was organized by BADAS among the students of various Medical Institutes of BADAS on Prof Dr Md Ibrahim. Student from Faridpur Medical College (Mirza Sanzida Sultana) won the first Prize.

NHN Centres/ Hospital at new location
In near future NHN is planning to setup more Healthcare Centres, Hospitals and Nursing Colleges. Such as
1. Shahid Khalek & Major Salek Ibrahim General Hospital at Natunpara, Dohar, Dhaka.
2. Fifty beded Diabetes, Endocrine and Metabolic Hospital for Women & Children at Uttara.
3. Opening Ceremony Syeda Rejia Memorial Hospital and College, NHN Masimpur, Sirajgonj in July 2017
Inauguration of Dr Abdul Alim Khan Foot care Unit
In BHS General Hospital “Dr. Abdul Alim Khan Foot care Unit” has been inaugurated by Major Gen. Prof. Dr. Abdur Rahman Khan (Retd.) on 3rd July 2017 with the facilities of four (04) cabin and Twenty Two (22) Bed. Honorable President of BADAS Prof. A K Azad Khan, Secretary General of BADAS Mohammad Sayef Uddin, Director of BADAS Md Golam Kibria Bhuiyan, Chief Coordinator of BADAS Dr. Mohammad Abdul Mazid and others were present in this ceremony.

Kidney and Liver Transplant Unit
Total number of Living related donor Kidney transplantation from November 2004 to June 2017 is 127

Department of Anesthesiology & SICU
Further plan for expansion of services:
   Acute Pain Service
   Labour Analgesia center
   MD (Anaesthesiology) course opening

MOU Signing Ceremony of Modernization of Department of Neurology of BIRDEM General Hospital And Rotary Club of Dhaka North-West
MOU was signed for financing of 3 crore taka for the modernization of department of Neurology of BIRDEM General Hospital with Rotary Club of Dhaka North West (RCDNW).

GDM: SAFES RECOMMENDATIONS and Action Plan
This Document “GDM SAFES Recommendations and Action Plan” is produced by South Asian Federation of Endocrine Societies (SAFES). The Action Plan is based on recommendations that considered the opportunities of working together in resource constrained part of the global. Working together on GDM from the preconception up to the follow up of women and their children by awareness, screening and care protocols will enable us to have a stronger platform of working against many non-communicable diseases and build healthy population in long run.
Mou Between Hamdard & NHN in January 2017

Shaheed Khalek NHN Laboratory Inauguration

Diabetes, Endocrine & Metabolic Hospital for Women and Children

BADAS procured Medical Equipments, Machineries, Instruments and Furniture etc. Worth Tk. 53 million for Establishment of Fifty Bed Diabetes, Endocrine & Metabolic Hospital for Women and Children Project.

Nationwide Electronic Registry of Patients through BADAS

The objectives of the Nationwide Electronic Patient Record through BADAS Centres are:
1. Enrol all patients into an electronic patient record (software)
2. Establish a uniform Patient Data Form that may used in all BADAS Institutions, Enterprises and Affiliated Associations.
4. Determine the Diabetes Status of the patients
5. Maintain the following patient data:
   a. Demographic and socio-economic status
   b. Medical/Clinical Data
   c. Medical Conditions (if any)
   d. Medication Behaviour
      Oral
      Injectables
6. Report and publish patient medical data accumulated through the Electronic Patient Record.
7. To accumulate head count and medical data of Diabetic Patients under the medical care and service of BADAS Centres.

Primarily the Electronic Registry will be implemented among BADAS institutions and AAs, further extended to Accredited Physicians. BADAS will also encourage the physicians of health professional's network for registering their patients in National registry for Diabetics in future.

A 3-year plan will be undertaken to gradually involve all BADAS Centres. The first year will involve 31 BADAS Centres. In the second year 40 BADAS Centres will be added to involve a total of 71 BADAS Centres. In the third year the remaining BADAS Centres will be added to include all BADAS Centres.
Free service to the poor patients: Taka 93.83 crore

**Table:** Statement of Free Services during the Fiscal Year 2016-2017

Diabetic Association of Bangladesh

<table>
<thead>
<tr>
<th>SI No</th>
<th>Name of the Project/Institute</th>
<th>Financial Year 2016-2017</th>
<th>Financial Year 2015-2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BIRDEM:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a.</td>
<td>Medicine</td>
<td>3.47</td>
<td>3.92</td>
</tr>
<tr>
<td>b.</td>
<td>Hospital Seat Rent</td>
<td>5.29</td>
<td>5.97</td>
</tr>
<tr>
<td>c.</td>
<td>Operation</td>
<td>3.18</td>
<td>3.08</td>
</tr>
<tr>
<td>d.</td>
<td>Investigations</td>
<td>16.91</td>
<td>25.79</td>
</tr>
<tr>
<td>e.</td>
<td>Out Patients Services</td>
<td>18.06</td>
<td>12.25</td>
</tr>
<tr>
<td></td>
<td><strong>Sub Total</strong></td>
<td><strong>46.91</strong></td>
<td><strong>51.01</strong></td>
</tr>
<tr>
<td>2</td>
<td>BADAS for Insulin</td>
<td>11.42</td>
<td>9.47</td>
</tr>
<tr>
<td>3</td>
<td>NHN (Investigations)</td>
<td>3.04</td>
<td>2.92</td>
</tr>
<tr>
<td>4</td>
<td>HCDP (Investigations)</td>
<td>9.84</td>
<td>9.37</td>
</tr>
<tr>
<td>5</td>
<td>ICHRI (Discount)</td>
<td>22.62</td>
<td>17.98</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>93.83</strong></td>
<td><strong>90.75</strong></td>
</tr>
</tbody>
</table>
## BADAS Finance at a glance in FY 2014-2015 and FY 2016-2017

<table>
<thead>
<tr>
<th>Particulars</th>
<th>2015-2016 (Figures in Crore)</th>
<th>2016-2017 (Figures in Crore)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Income</td>
<td>Expenditure</td>
</tr>
<tr>
<td>BADAS HO</td>
<td>50.61</td>
<td>54.84</td>
</tr>
<tr>
<td>BIRDEM</td>
<td>179.00</td>
<td>175.41</td>
</tr>
<tr>
<td>NHN</td>
<td>41.04</td>
<td>42.13</td>
</tr>
<tr>
<td>RVTC</td>
<td>3.02</td>
<td>3.05</td>
</tr>
<tr>
<td>ICHRRI</td>
<td>75.61</td>
<td>66.66</td>
</tr>
<tr>
<td>IMC</td>
<td>23.27</td>
<td>16.38</td>
</tr>
<tr>
<td>KALTU</td>
<td>0.48</td>
<td>0.44</td>
</tr>
<tr>
<td>BIHS</td>
<td>1.36</td>
<td>2.82</td>
</tr>
<tr>
<td>HCDP</td>
<td>71.32</td>
<td>92.27</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>445.71</strong></td>
<td><strong>454.01</strong></td>
</tr>
</tbody>
</table>
# LIST OF DONORS IN THE CURRENT FINANCIAL YEAR

<table>
<thead>
<tr>
<th>SI 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>Mr SD Khan&lt;br&gt;Pt-10/CD, SDK Tower, 210 Elephant Road Dhaka</td>
<td>2000000</td>
<td>Sponsor for bed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DBL Group</td>
<td>12500000</td>
<td></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>15741013</td>
<td>Donations for LFC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Novo Nordisk Pharma Limited&lt;br&gt;House No: 26 Road No: 07, Block-G Banani, Dhaka-1213</td>
<td>19768150</td>
<td>Donations for CDIC</td>
</tr>
<tr>
<td>B</td>
<td>Donation: NHN</td>
<td>Drug International</td>
<td>100,000</td>
<td>Cheque</td>
</tr>
<tr>
<td></td>
<td></td>
<td>International Agencies&lt;br&gt;Agrabad C/A, Chittagong&lt;br&gt;1702, Sk Mujib Road</td>
<td>20,000</td>
<td>Cheque</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Incepta Pharmaceutical&lt;br&gt;ACI Centre, 245, Tejgaon Industrial Area, Dhaka 1208</td>
<td>40,000</td>
<td>Cheque</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mrs. Farzan Chowdhury&lt;br&gt;House No: 26 Road No: 07 Block-G, Banani, Dhaka-1213</td>
<td>6,000</td>
<td>Wheelchair</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sunman BIRDEM Pharma Ltd.</td>
<td>60,000</td>
<td>Cheque</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Novo Nordisk&lt;br&gt;House No: 26 Road No: 07 Block-G, Banani, Dhaka-1213</td>
<td>70,000</td>
<td>Cheque</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Md. Abul Kalam</td>
<td>18,710</td>
<td>Refrigerator</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Late Alhaz Halima Khatun</td>
<td>1,000,000</td>
<td>Hospital Bed</td>
</tr>
<tr>
<td>Sl No</td>
<td>Name</td>
<td>Address</td>
<td>Amount in BDT</td>
<td>Remarks</td>
</tr>
<tr>
<td>-------</td>
<td>------</td>
<td>---------</td>
<td>---------------</td>
<td>---------</td>
</tr>
<tr>
<td>C</td>
<td>BIRDEM</td>
<td>Donation: Poor Fund</td>
<td>Address</td>
<td>1,500,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Advocate AY Masihuuzzaman &amp; Zakir Ahmed</td>
<td></td>
<td>800,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Centre for Zakat Management</td>
<td></td>
<td>900,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mr Reza Hossain</td>
<td></td>
<td>900,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nazma Begum</td>
<td></td>
<td>666,667</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ferdous Islam</td>
<td></td>
<td>666,667</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shamsul Islam</td>
<td></td>
<td>666,666</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Donation: In Kind</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ambulance: By Prof Beggzadi Mahmuda Nasir</td>
<td></td>
<td>3,740,200</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pubali Bank Ltd, Dhaka Shishu Park Branch</td>
<td></td>
<td>Lift</td>
</tr>
<tr>
<td>D</td>
<td>ICHRI</td>
<td>Utilized For</td>
<td>Amount</td>
<td>In Kind</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Unique Group</td>
<td>Word Renovation and Hospital Equipment</td>
<td>4000000.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mrs Taher Ahmed and Mr Gawhar</td>
<td>Hospital Patients</td>
<td>200000.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rotary Club Dhaka Mid Town</td>
<td>Renovation and Decoration of Room 4055</td>
<td>103368.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Abul Khair Milk Products</td>
<td>Building of Organ Transplant Unit</td>
<td>1000000.00</td>
</tr>
<tr>
<td>E</td>
<td>IMC</td>
<td>Amount</td>
<td>In Kind</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Khaled Mansur Trust</td>
<td>200000.00</td>
<td>Establishment of AK Mansur Research Laboratory</td>
</tr>
</tbody>
</table>
PUBLIC-PRIVATE/PRIVATE-PRIVATE PARTNERSHIP IN ACTION

1. Construction of Malek Chowdhury Academic Building for Bangladesh University of Health Science (BUHS) at Darus-Salam, Mirpur, Dhaka. (2nd phase: 1st floor to 5th floor)

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 under second phase. Structural works for 1st floor to 4th floor have already been completed. The construction work is being done by PWD and a total of Tk. 639.00 lakh was disbursed to PWD for this work up to June 2016.

2. Construction of Ibrahim Medical College (6th floor to 12th floor) over BIRDEM-2 at Segun Bagicha, Dhaka.

The construction work is done through PWD as a deposit work. Notification of Award (NoA) was issued to the selected contractor at a cost of Tk. 1478.58 lakh for construction of 6th floor to 10th floor. Construction of the remaining two floors (11th and 12th floor) has been done through variations. The total awarded cost for 6th to 12th floor stood at Tk. 2943.49 lakh including civil, sanitary & electrification. Structural works for 6th to 12th floor have already been completed & handed over to competent authority. A total of Tk. 2770.20 lakh was disbursed to PWD against the works up to June 2017.

3. Saima-Ibrahim Nursing College and Institute at Shafipur, Gazipur

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 using as nursing college as planned originally. It has been designed to make temporary accommodation for the foreign faculties at the 3rd floor and hostel for the nurses at the 4th floor of the building; for which contractor has also been selected.

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

The project is being 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 recast and was approved with a revised cost of Tk. 2633.63 lakh (GoB Tk. 1579.53 lakh and BADAS Tk. 1054.10 lakh). The civil works of the project is being implemented through PWD as deposit work. The physical work of the project is in progress and estimated at about 85 percent as on 30 June 2017. The project has incurred a cumulative expenditure of Tk. 1649.00 lakh including BADAS land cost of Tk. 170.00 lakh up to 30 June 2017.

Structural works have already been completed. Necessary finishing works of the building are now in progress. Procurement of medical equipment and furniture is underway. The project is expected to be completed by December 2017.

5. Establishment of a 100 bedded Specialized care Hospital in Comilla.

The project has been designed to establish a 100-bed specialized care hospital in Comilla with assistance from Government of Bangladesh. Total cost of the project is estimated at about Taka 2899.58 lakh. BADAS will implement the project in association with Department of Social Services (DSS) of GOB. Meeting of the Project Evaluation Committee (PEC) on the DPP was held on 27 March 2017 in Planning Commission, which raised some observations including conduct of a detailed feasibility study for the project. Necessary actions have already been initiated to recast the DPP in the light of the decisions of PEC.
Decentralized health care system was absolutely required for this purpose but public hospitals and health care centres didn’t 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 (3 upto 1980 and 11 upto ’85), but it became a highly popular movement in the last three decades (46 upto ’99) and by 2007 the number increased to 60 including Sub-affiliated Associations. In 2012, three new Sub-affiliated Associations have been formed and come forward actively in prevention and awareness of Diabetes Care Delivery. Now BADAS has 61 Affiliated Associations and 12 Sub-affiliated Associations.

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 and autonomy, and friendly supervision and monitoring through a flexible system of affiliation.

Affiliated Associations of BADAS


Ten Sub-affiliations located at
Bheramara, Birampur, Companyganj, Raipur, Shatkhana, Palashbari, Shingra, Nalitabari, Shahzadpur, Ramganj, Choudhogram and Pirganj

Waiting for Sub-affiliation
## Address: Affiliated Affiliations

### Bandarban Diabetic Association
- **President:** Md Islam (Baby)
- **General Secretary:** Md Ishaq
- **Bandarban Sadar, Phone:** 01820400237

### Barisal Diabetic Association
- **President:** Jebunnessa Afroj MP
- **General Secretary:** Dr Pijush Kanti Das
- **Treasurer:** Md Hannan Mollick
  - Adv Hemayet Uddin Ahmed Diabetic & General Hospital
  - Bandh Road, Barisal-6200
  - Phone: 00 88 0431 2173952, Cell: 00 1752 117422
  - Fax: 0431 634942; e-mail: dasob.bsl@gmail.com

### Barguna Diabetic Association
- **President:** Alhaj Md. Mokhlisur Rahman
- **General Secretary:** Alhaj Abdur Rashid Mia
- **Treasurer:** KM Abdur Rashid
  - Circuit House Road, Barguna-8700
  - Phone: 00 88 0448 62618; 00 17112986029
  - e-mail: barguna.dab@gmail.com

### Bagerhat Diabetic Association
- **President:** Alhaj Adv Mir Showkat Ali Badsha MP
- **General Secretary:** Adv Mahfuzur 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 Salim Uddin
- **General Secretary:** Alhaj Mia Mohammad Younus
- **Treasurer:** Prof Alhaj Ruhul Amin Zahangir
  - Masuma Khanam School Road, Bhola Sadar, Bhola-8300
  - Phone: 00 88 0491 62804, 01711365953
  - e-mail: bhola_diabetes@yahoo.com
  - bctc4003@gmail.com

### Bogra Diabetic Association
- **President:** Alhaj Montaja Uddin
- **General Secretary:** Taufiqur Rahman Bappi Bhandari
- **Treasurer:** Prof Mozammel Haque Talukder
  - Court House Street, Nawab Bari Road, Bogra
  - Phone: 00 88 051 63591, 62995
  - e-mail: bogra.srh@hcdp-bd.org

### Brahmanbaria Diabetic Association
- **President:** Mr Heilal Uddin
- **General Secretary:** Mr Iqbal Hossain
- **Treasurer:** Mofizur Rahman Babul
  - 1325/01, Kautali, B’saria 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 Shuhiyan
  - Comilla Road, Chandpur-3600
  - Phone: 00 88 0481 63050, 67799; Cell: 00 1711-475971
  - 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 Hussarup 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 Sahabuddin
  - Zakir Hossain Road, Parharail, Khulshi
  - Chittagong-4100, Phone: 00 88 081, 659435-7
  - e-mail: chgdabetic@gmail.com, chyconsortium@gmail.com

### Chuadanga Diabetic Association
- **President:** Reazul Islam Joardar Toton
- **General Secretary:** Adv Samsuzzoha
- **Treasurer:** Adv. MM Monowar Hossain
  - Red Cresent Eye Hospital Building
  - Chuadanga-7200 Phone: 00 88 0761 62292
  - e-mail: dabcchuadanga@gmail.com

### Comilla Diabetic Association
- **President:** Dr M Wali Ullah
- **General Secretary:** Jamir Uddin Khan Jampi
- **Treasurer:** Nasir Uddin Ahmed
  - Shahid Solaiman Mustafa Road, Bagichaon, Comilla-3500
  - Phone: 00 88 061 65145, 64169; Cell: 0111735736
  - e-mail: comilla.diabetes@gmail.com

### Cox’s Bazar Diabetic Association
- **President (Act.):** Adv Sirajul Mustafa
- **General Secretary:** Adv Tojayed 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 Shafiqul Haque Chhutu
- **Treasurer:** Alhaj, Md. Luthfur Rahman Mintoo
  - Block No:1, Upashahar, New Town, Dinajpur-5200
  - Phone: 00 88 0531 64573, e-mail: dinajpur.diabetes@gmail.com
Faridpur Diabetic Association
President: Mr Mir Nasir Hossain
General Secretary: Prof SK Abdus Samad
Treasurer: Prof Rubindra Nath Saha
Jhiltull, Faridpur. Phone: 00 88 0531, 61232, 63496
Cell: 01711 703913
e-mail: diabetic@btb.net.bd, diabeticmr@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: fdi@feni@yahoo.com;
feri_diabetesbd@yahoo.com; fdi@feni@yahoo.com

Gaibandha Diabetic Association
President: Gobindobar Lut Das
General Secretary: Mr. Sabir Ali Haque
Treasurer: Md. Kamarul Alam Chiru
PK Biswas Road, Gaibandha. Phone: 00 88 0541 52012
Email: gaibandhadicalert@gmail.com

Gopalganj Diabetic Association
President: Deputy Commissioner, Gopalganj
General Secretary: Dr Abdur Risman
Jallkhana Road, Ward no 5. Gopalganj-8100
Cell: 01712229190
Email: gopaldh9@gmail.com

Gazipur Diabetic Association
President: Dr Alhaj Md Enunus Ali
General Secretary: Eng Mr Sharif Hossain Dhill
Treasurer: Mr MA Kuddus
Habilullah Sharani, Post Office Road
Gazipur-1700. Phone: 00 88 02 9294626, 01715087579
Email: gazipurdb@yahoo.com

Habiganj Diabetic Association
President: Mr. Shahed Uddin Chowdhury
General Secretary: Dr Musher Hussain Chowdhury
Treasurer: Mr. Foni Bhusan Das
Machlila Habiganj Pourashtra, Habiganj-3300
Phone: 00 88 0231 61719, 01754138744
Email: habiganj_diabetes@yahoo.com;
habiganjdiabeticassociation@gmail.com

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

Jamalpur Diabetic Association
President: Engineer Farhad Hossain Manu
General Secretary: Syed Tariful 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: Tauhidur Rahman
Treasurer: Prof Taslimur Rahman
Ahad Diabetic and Health Complex
Baliadanga, Jhismahargh, Jessore-7400
Phone: 00 88 0421 66273, 66586, 65723
e-mail: ahaddiabetic@gmail.com

Jhalakati Diabetic Association
President: Sarder Md Shaha Ali
General Secretary: Md Hemayet Hossain
Treasurer: Janab Alam Shaha
Alhaj Motijlar Rahmani Diabetic Building
801, College Road, Jhalakati
Phone: 00 88 0498 62010
Email: jhalokatidiabetes@gmail.com

Jhenidah Diabetic Association
President: Mir Nasir Uddin
General Secretary: Mahbubul Islam Photon
Treasurer: Narayan Chandra Biswas
Jessore Road, Jhenidah-7300
Phone: 00 88 0451 62666
Cell: 01714-149626
Email: jhenidahdiabetichospital@gmail.com

Kustia Diabetic Association
President: Motiu Rahman Lutfi
General Secretary: Mizanur Rahman
Treasurer: Dr Rabiuur Karim
Mujibur Rahman Memorial Diabetic Centre
Hospital Road
Kustia-7000
Ph:00 88 0771 72082
Email: kustiadiabet@gmail.com
raziul@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
Email: shebacom2006@gmail.com
dakiskhoreganj@yahoo.com
koshodih@btb.net.bd
Khulna Diabetic Association
President: Mohammad Mizanur Rahman MP
General Secretary: ADV Rajab Ali Sarder
Treasurer: Md. Abdul Hakim Shaikh
Old-22 New-321, Sir Iqbal Road, Boira, Khulna-9100
Phone: 00 88 041 7763238, 762382
E-mail: khulnadiab@gmail.com

Kurigram Diabetic Association
President: AKM Mayeedul Islam MP
General Secretary: Major Md Abdus Salam (Retd)
Treasurer: Md Wadud Sarker
Diabetic Hospital Building, Old Hospital Campus, Kurigram, Phone: 00 88 068 6163
E-mail: kurigramdiabetichospital@gmail.com

Lalmonirhat Diabetic Association
President: Dr Zakirul Islam Faruquee
General Secretary: Mdoinul Islam
Treasurer: Md Sekender Ali Sarker
Sanak Park, Jail Road, Khordoshaparana, Telipara, Lalmonirhat-5500
Phone: 00 88 0591 61897, 62566
Fax: 0591-62566
E-mail: diabeticalcl_2012@yahoo.com

Lakshmipur Diabetic Association
President: ABM Bahauddin
General Secretary: Md Delwar Hossain
Treasurer: Md Dider Hossain
Bhuyan Mansion, Hospital Road, Lakshmipur-3700, Phone: 00 88 0381, 62398
E-mail: lakshmipurdiabetes@gmail.com

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

Madaripur Diabetic Association
President: Shahjahan Khan MP
General Secretary: Syed Abul Bashker
Treasurer: Syed Sakhawat Hussain Salim
New Town, Madaripur
Phone: 0651 61798, Cell: 01720159631
E-mail: madaripurdiabetes@gmail.com

Maulavi Bazar Diabetic Association
President: Prof Syed Fazulliah
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: pcpmaullobazar@gmail.com

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

Munshiganj Diabetic Association
President: Advocate Mujibur Rahman
General Secretary: Adv SM Habibur Rahman
Treasurer: Advocate Md Asraful Islam
White House, Nichotola
Munshiganj-1500, Phone: 00 88 02 7612660
E-mail: diabeticsmushigonj@gmail.com

diabeticsmushigonj@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) 80 Eshan Chakraborty Road, Golpukurpa (Unit-2)
Mymensingh, Phone: 00 88 01 718474646
E-mail: mymensingh_diabetes@yahoo.com

Naogaon Diabetic Association
President: Md Aminur Rahman DC, Naogaon
General Secretary: Alhaj Abdus Salam
Treasurer: Md. Ahasan Sayed
Par Naogaon, Naogaon-6500, Phone: 00 88 0741, 63203
E-mail: naogaon.diabetic.samity@gmail.com

Narayanganj Diabetic Association
President: Alhaj Dr Md Shahinwaz Chowdhury
General Secretary: Alhaj Faruq Moin
Treasurer: Alhaj Mahmud Hossain, West Dewbog (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: Alhaj Md Nurul Amin
Treasurer: Alhaj Md Ishaq Mollah Dulal
Banachal, Narsingdi-1600
Phone: 00 88 02 9465 539, Cell: 01911-553572
E-mail: narsingdidiabetichospital@gmail.com

Natore Diabetic Association
President: Deputy Commissioner, Natore
General Secretary: Sushad Kumar Talukdar
Treasurer: Md Mozidul Islam Faruk
335, Naotre Hospital Road, Nicha Bazar Malikhat, Natore-6400
Phone: 00 88 0771 66714; Cell: 017711460123
E-mail: natore.diabetes@gmail.com
Narail Diabetic Association
President: Prof Dr MA Wahab
General Secretary: Md A Mannan Khan
Treasurer: Mrs Khadiza Khanom
Abdul Karim Memorial Diabetic Centre, Machimdia Narail
Phone: 00 88 0481 62234 Cell: 01716539925
e-mail: mawahab@doctors.org.uk
nsmachimdia@gmail.com

Netrakona Diabetic Association
President: Dr MA Hamid Khan
General Secretary: Mozammel Haque Baschu
Treasurer: Md Salimur Rahman
Chota Bazar, Netrakona-2400, Phone: 00 88 0951 62488
e-mail: netrakona_diabetes@yahoo.com

Noakhali Diabetic Association
President: Mr Aziz Al-Kaisar
General Secretary: Md Nurun Nabi
Treasurer: Hanif Md Abdul Mannan
Shomobai Bhaban, Karimpur Road
Chowmunchi, Phone: 00 88 0321 53233
Cell: 0171108190
e-mail: noakhali_diabetes@gmail.com
noddb13@gmail.com

Nilphamari Diabetic Association
President: Dr Anilur Arefin Chowdhury
General Secretary: Md Moqbul Hasan Chowdhury Shahin
Treasurer: Md Golam Sarwar
Circuit House Road, Nilphamari-5300
Phone: 00 88 0551 61738, 01835700483
e-mail: nilphamaradiabetic@yahoo.com

Pabna Diabetic Association
President: Md Baby Islam
General Secretary: Dr Md Mosharraf Hossain
Treasurer: Md Abdus Sobur Bablu
Abdul Hamid Road, Pabna-6600
Phone: 00 88 0731 65052, 65246
e-mail: ps@pabna.gov.bd
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, Phone: 00 88 0441 62944
e-mail: patuakhali_dab@yahoo.com

Pirojpur Diabetic Association
President: Dr Habibur Rahman
General Secretary: Dr Mizanur Rahman
Treasurer: MA Rabbanri Firoj
Bypass Road, Pirojpur-8500, Phone: 00 88 0461 62225,
e-mail: dabi@bcti.net.bd
pds@pirojpur2012@gmail.com

Panchagarh Diabetic Association
President: Abul Kalam Zaman
General Secretary: Md Mokhlesur Rahman Mintu
Treasurer: Md Sharafat Hossain
Makhulatul Rahman Diabetic Hospital
Mithapukur, Panchagarh-5000
Phone: 00 88 0568, 61516; Cell: 01817668789
e-mail: panchagarh_diabetic@gmail.com
ponchagarh.dab@gmail.com

Rajbari Diabetic Association
President: Kazi Keramat Ali (Hon MP)
General Secretary: Kazi Eradat Ali
Treasurer: Md Mustafuzuz Rahaman Sarif
Kazi Hedoyet Hossain Memorial Diabetic Hospital
Binodpur, Rajbari-7700, Phone: 00 88 0541, 66240
ejabi_dab@yahoo.com

Rajshahi Diabetic Association
President: Prof Dr M Fazlul Rahman
General Secretary: Prof Dr Mamunur Rashid
Treasurer: Advocate Golam Rabbani
Address: Jhautala, Laxmiurip, Rajshahi-6000
Phone: 00 88 0721, 74437, 812400
e-mail: rhamanmumun1970@gmail.com
rajshalladiabeticassociation@yahoo.com

Rangamati Diabetic Association
President: Mr Nikhil Kumar Chakma
General Secretary: Dr Mr Paras Khisa
Treasurer: Md Md Yousuf
Old Hospital Area, Tabalchhari, Rangamati
Phone: 00 88 0351 61952, 63515
e-mail: rangamati_dab@yahoo.com
uzzwalkberua@gmail.com, uchhamonichakma@gmail.com
debdara99@gmail.com

Rangpur Diabetic Association
President: Mr Rahat Arowar
General Secretary: Mr Mostafa Azad Chowdhury Babu
Treasurer: Md Abdul Khamsh
Radha Ballav, Rangpur-5400, Phone: 00 88 0521 66074
e-mail: rangpur_diabetes@gmail.com

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

Sherpur Diabetic Association
President: Riazul Sambad
General Secretary: Dr A M Mamun (Josh)
Treasurer: Mahbubur Rahman Sujana
Nattur Bazar, Madhupur, Sherpur Town, Sherpur-2100,
Phone: 00 88 0931 61330, e-mail: anandapaat@gmail.com
sherpur_diabetic@gmail.com

Sylhet Diabetic Association
President: Dr Atarul Islam
General Secretary: Dr Feamur Rahman
Treasurer: Md Shariful Islam
200, Chawla Bazar, Sylhet-3900, Phone: 00 88 0551, 65264
Cell: 01716539925
e-mail: sylhot_diabetes@gmail.com

Tangail Diabetic Association
President: Prof Dr M Fazlul Rahman
General Secretary: Prof Dr Mamunur Rashid
Treasurer: Advocate Golam Rabbani
Address: Jhautala, Laxmiurip, Tangail-6600
Phone: 00 88 0721, 74437, 812400
e-mail: rhamanmumun1970@gmail.com
rajshalladiabeticassociation@yahoo.com

Teknaf Diabetic Association
President: Md Abdul Malek
General Secretary: Md Mosharraf Hossain
Treasurer: Md Abdus Sobur Bablu
Abdul Hamid Road, Teknaf-6216, Phone: 00 88 0461 62225
Cell: 01716539925
e-mail: teknafl_diabetes@gmail.com

Ukhiya Diabetic Association
President: Prof Dr M Fazlul Rahman
General Secretary: Prof Dr Mamunur Rashid
Treasurer: Advocate Golam Rabbani
Address: Jhautala, Laxmiurip, Ukhiya-6216
Phone: 00 88 0721, 74437, 812400
e-mail: rhamanmumun1970@gmail.com
rajshalladiabeticassociation@yahoo.com

Wilsonville Diabetic Association
President: Dr M Fazlul Rahman
General Secretary: Prof Dr Mamunur Rashid
Treasurer: Advocate Golam Rabbani
Address: Jhautala, Laxmiurip, Wilsonville-6216
Phone: 00 88 0721, 74437, 812400
e-mail: rhamanmumun1970@gmail.com
rajshalladiabeticassociation@yahoo.com

Zakir Diabetic Association
President: Md Abdul Malek
General Secretary: Md Mosharraf Hossain
Treasurer: Md Abdus Sobur Bablu
Abdul Hamid Road, Zakir-6216, Phone: 00 88 0461 62225
Cell: 01716539925
e-mail: zakir_diabetes@gmail.com

Sirajganj Diabetic Association
President: MA Muqueet
General Secretary: Md Jahangir Alam Raton
Treasurer: Advocate M Shamsul Haque
JC Road, Dhanbandh, Sirajganj-6700
Phone: 00 88 0751 62633, 53335 Fax: 0751 64020
e-mail: sirajgonjdiabetes@gmail.com

Sylhet Diabetic Association
President: Prof Dr MA Raquib
General Secretary: Lokman Ahmad
Treasurer: MA Mannan
Puran Lane, Zindabazar, Sylhet
Phone: 00 88 0821 727516; Cell: 01 71 1331867
e-mail: sylhetdh@gmail.com; dhshybtsnet.net
sylhetdiabetichospital88@gmail.com

Satkhira Diabetic Association
President: Md Nazrul Ahsan
General Secretary: Dr Aziezur Rahman
Treasurer: Alhaj Din Ali
Kashiempur (Near City College), Rasulpur, Satkhira Sadar
Phone: 00 88 0741 65056
e-mail: info@diabeticcsat@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: 01 73 211196; 01 199 305529

Tangail Diabetic Association
President: Mr Md Mahbub Hossain, DC, Tangail
General Secretary: Mr Kh Ashrafuzzaman Smriti
Treasurer: Mr Kazi Jakerul Mowia
Sabalia, Tangail,
hone: 00 88 0921 62350
Cell: 01 7034 46964
e-mail: tangail.diabetes@gmail.com
www.tds121@gmail.com

Thakurgaon Diabetic Association
President: Md Razur Rahman
General Secretary: Shajed Kamal Chowdhury
Treasurer: Dr Md Mirazul Islam
College Pura, Thakurgaon-5100
Phone: 00 88 0561 52314 52219
e-mail: thakurgaon.srh@ndcp-bd.org
Address: Sub-Affiliated Affiliations

**Birampur Diabetic Association**
President: Prof Md Aklas Ali  
General Secretary: Md Nuruzzaman Sarkar  
Treasurer: Alhaj Md Samsuddin Sarkar  
Dhankathi, Birampur, Dinajpur  
Phone: 01911 769971, e-mail: birampur@gmail.com  
fattah_computer@hotmail.com

**Bheramara Diabetic Association**
President: Md. Spel Maruf  
General Secretary: Dr Amarendra Nath Biswas  
Treasurer: Haji Md Abdul Samad  
Upazilla Complex, Bheramara, Kustia-7040  
Phone: 00 88 07022; 71150; Cell: 01715648506  
e-mail: diabeticbheramara@gmail.com

**Companiganj Diabetic Association**
President: Md Amanat Ullah  
General Secretary: Rafiqul Islam Chowdhury  
Treasurer: Mr Jamal Uddin  
Kacharbari Road, Bashurhat  
Companiganj, Noakhali-3850  
Cell: 01711890873, 01717071430  
e-mail: companygonj.diabetes@gmail.com

**Choddogram Diabetic Association**
President: Debomoy Dewan  
General Secretary: Md Abdul Gafur  
Shenapoti Dighir Par, Kalakapur, Choddogram

**Nalitabari Diabetic Association**
President: Md Baduzzaman Badsha  
General Secretary: Alhaj MA Hakim Hira  
Tarakang Dakshin Bazar, Nalitabari, Sherpur  
e-mail: hirahakam@yahoo.com

**Palashbari Diabetic Association**
President: Alhaj Muhazzem Hossan  
General Secretary: Md Hafizur Rahman  
Treasurer: Md Sofiqu Alom Rotan  
Upazilla Parishad Road, Palashbari, Gaibandha  
Cell No: 01738363677; 01712994231, 01856816510  
palashbaridiabeticsomity@yahoo.com

**Pirganj Diabetic Association**
President: Hafiz Uddin Ahmed  
General Secretary: Md Fayzul Islam  
Bathpoligona, Pirganj, Thakurganj

**Raipur Diabetic Association**
President: Dr Md Shahjahan  
General Secretary: Md Humayan Kabir  
Treasurer: Masud Alam Kajal  
Upazilla Road, Infront of One Bank, Raipur  
Laxmipur, Cell No: 01815 183168  
e-mail: myshacomputer@yahoo.com  
raipurdia@gmail.com

**Ramganj Diabetic Association**
President: Dr Mokhlesur Rahman  
General Secretary: Mahbub Khan Fahim  
Treasurer: Mizanur Rahman (Miron)  
Ramganj, Laxmipur  
Phone: 03824-75240; 01718598013 (cell)  
e-mail: ramgonjdiabetichospital@gmail.com

**Shatkania Diabetic Association**
President: Abul Kalam Shamsul Huque  
General Secretary: Sayed Abdullah Farhad  
Treasurer: Ahmed Hossain  
Thana Road, Shatkania, Chittagong  
Phone: 00 88 03036 560 23, 01191402818  
e-mail: safarhadbd@gmail.com

**Shingra Diabetic Association**
President: Adv Zunaid Ahmed Palak  
General Secretary: Prof Alhaj Atiqur Rahman  
Upazilla Parishad Chatta, Shingra, Natore  
Cell No: 01712118481

**Shahzadpur Diabetic Association**
President: Hasib Khan Tarun  
General Secretary: Engg Nasim Hasan  
Treasurer: Hanif Khan Shakhar  
Varudahoro, Shahzadpur, Sirajgonj  
Phone: 0752 764015; Cell: 01788131515  
E-mail: shahzadpurdiabeticsassociation@yahoo.com
Recent Achievements

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

Medtronic plc. announced a strategic partnership between India Medtronic Private Limited, its wholly owned subsidiary in India, and Diabetic Association of Bangladesh to improve outcomes for patients using diabetes care technologies. The two entities signed a Memorandum of Understanding (MoU) recently in Mumbai. The MoU 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 among countries with the highest number of people with diabetes. The International Diabetes Federation (IDF) estimates that there are 7.1 million people with diabetes in Bangladesh and almost an equal number with undiagnosed diabetes. This number is estimated to 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 diabetes care therapies and clinical expertise to patients registered with Diabetic Association of Bangladesh.
BADAS-Abloom sings agreement to provide health care 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 20th February 2018 to ensure comprehensive health coverage for more than 800 ready-made garments workers of Abloom Design Limited.

This project will provide health care services to the RMG workers working in Abloom Design Ltd. including basic, secondary and tertiary level through the clinics and hospitals of BADAS and make them aware by providing different awareness trainings advices on how to get rid from clutch of the deadly diseases.

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

Representatives from the participated organizations expressed their commitment and willingness to work together in improving the health and wellbeing of the garment workers.
Swadhinata Padak 2018
Prof AK Azad Khan

Prime Minister Sheikh Hasina handed over the awards to nominated 16 distinguished personalities at a function at the Osmani Memorial Auditorium in Dhaka on March 25.

The government has nominated 16 distinguished personalities 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 got the award for Social Service.

Ekushey Padak 2018
Prof Dr Mirza Mazharul Islam

The government has announced the names of the 21 eminent citizens 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 got a gold medal, a certificate, and a cheque of Tk2 lakh. Prime Minister Sheikh Hasina handed over the Ekushey Padak to the awardees on February 20 at Osmani Memorial Auditorium. Prof Dr Mirza Mazharul Islam of BIRDEM Hospital got the award for the language movement.
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
BUHS: Bangladesh University of Health Sciences
HCDP: Health Care Development Project
BNC: BIRDEM Nursing College

Affiliated & Sub-Affiliated Associations of BADAS
BADAS Projects