



# National Institute of Diseases of the Chest and Hospital

Estd. 1955



জাতীয় বক্ষব্যাদি ইনস্টিটিউট ও হাসপাতাল  
ঢাকা, বাংলাদেশ



*National Institute of Diseases of  
the Chest and Hospital  
Mohakhali, Dhaka*

**Mailing Address:**

**National Institute of Diseases of the Chest and Hospital**

Mohakhali, Dhaka, Bangladesh

Phone : 88-02-8811910

Fax : 88-02-8851668

88-02-9899424

E-mail : [info@nidch.org](mailto:info@nidch.org)

[director@nidch.org](mailto:director@nidch.org)

Web-site : [www.nidch.org](http://www.nidch.org).

Price : Tk. 200.00 Only

### **Published by**

Academic Division  
National Institute of Diseases of the Chest and Hospital  
Mohakhali, Dhaka-1212, Bangladesh

### **Dedicated to**

All Post-Graduates from NIDCH of past, present & future  
and  
to all teachers

### **Acknowledgement**

We acknowledge the generous support of

Prof. Dr. Manabendra Biswas	Dr. Kazi Saiful Islam
Prof. Dr. Syed Rezaul Hoque	Dr. Mosharraf Hossain (Shamim)
Dr. Zakir Hossain Sarker	Dr. Pulak Kumar Dey
Dr. Mahmud Rahim	Dr. Md. Serazul Islam
Dr. S.M. Abdur Razzaque	Dr. Md. Delwar Hossain
Dr. Md. Khairul Anam	Dr. Sanjoy Kumar Kar
Dr. Nihar Ranjan Saha	Dr. Md. Anamul Haque
Dr. Sheikh Shahinur Hossain	Dr. Subrata Kumar Gain
Dr. Bipul Kanti Biswas	Dr. Mohammad Nazmul Hasnine Nawshad
Dr. Barkat Ullah	Dr. Md. Habibur Rahman
Dr. Anowarul Anam Kibria	Dr. Amit Chatterjee
Dr. Md. Mofizur Rahman Miah	Dr. Shovon Rahut

### **Special Thanks**

**Professor Dr. Md. Sayedul Islam**  
Director cum Professor  
National Institute of Diseases of the Chest and Hospital  
Mohakhali, Dhaka, Bangladesh.

## CONTENTS

Message from Director	-	05
Objective of the Institute	-	06
Offices of the Institute	-	07
Department of the Institute	-	07
Working Hours	-	08
Overview	-	09
Organogram	-	41
List of Directors of NIDCH (Role of Honour)	-	43
List of Teachers	-	44
List of Post-Graduate qualified DTCD	-	49
List of Post-Graduate qualified MD (Chest)	-	55
List of Post-Graduate qualified MD (Pulmonology)	-	58
List of Post-Graduate qualified MS (Thoracic Surgery)	-	59
List of Post-Graduate qualified FCPS (Pulmonology)	-	60
List of Post-Graduate qualified FCPS (Thoracic Surgery)	-	60
Teaching Programme of NIDCH	-	61
Course and Curriculum of Pulmonology (Phase B)	-	63
Course and Curriculum MS (Thoracic Surgery)	-	84
Course and Curriculum of Thoracic Surgery (BSMMU)	-	85
Syllabus for MS (Thoracic Surgery)	-	88
Academic Course Committee	-	91
Ethical Committee (NIDCH)	-	92
Picture Gallery	-	93



## *Message from the Director cum Professor*



It is my great pleasure to bring out the updated academic manual of NIDCH. This is the only tertiary level institute in the country for management of different complicated Chest diseases in Bangladesh. It was established as “TB hospital” in 1955, upgraded in 1962 as “Institute of Diseases of the Chest and Hospital” and started Post-graduate course “Diploma in Tuberculosis and Chest Diseases (DTCD)”, It was the first Post-graduate Institute in Dhaka, Bangladesh.

It was again upgraded in 2002 as “National Institute of Diseases of the Chest and Hospital”. The Journey of “MD course in Chest Diseases” started in 1992 and “MS in Thoracic Surgery” in 1999 which are the milestone for the institute in the field of human resource development. Subsequently “FCPS in Pulmonology and Thoracic Surgery” courses were introduced & this is also a further addition for development of human resource of the country. Establishment of “National Asthma Centre” in 1997 bring the asthma and COPD management under a uniform “National Guideline”. Establishment of “National Tuberculosis Reference Laboratory” in 2007 strengthen the “Tuberculosis Control Programme” through appropriate diagnosis and management of “MDR-TB” patient which attain quality of WHO defined level and approved by GLC.

Recently management pattern of chest diseases has advanced & International Pulmonology becomes the most promising superspeciality world wide. We have started Interventional pulmonology department. Lots of diagnostic & therapeutic interventions are going on as OPD and inpatient basis. Argon plasma coagulation, ballon bronchoscopy, CTBNA, Autofluorescence biopsy, TIPC, EBUS all the modern procedures are in regular practice. The department of thoracic surgery is expanding their field of operative management, VATS is the newly added minimally invasive operatives procedure.

I think the information presented here will be very valuable and helpful in guiding our doctors for planning their future higher studies in the field of chest diseases. I hope it will be very useful for all concerns which will bring modern technologies in the diagnosis and management of chest disease patients and it will also enable our post-graduate students to update themselves with the modern technologies. We are trying with our utmost sincerity and endeavour to make significant contribution to the commitment of the present government ~ “Digital Bangladesh:.

Warmest Regards

**Professor Dr. Md. Sayedul Islam**

Director cum Professor

National Institute of Diseases of the Chest and Hospital

Mohakhali, Dhaka, Bangladesh.



## OBJECTIVES OF THE INSTITUTE

- To provide diagnosis and treatment facilities for all medical & surgical Chest Diseases.
- To conduct Post-graduate courses and training facilities for DTCD, MD(Chest), MD (Pulmonology), MS(Thoracic Surgery), FCPS(Pulmonology), FCPS (Thoracic Surgery).
- To provide specialized training facilities for the chest specialists, nurses and field workers.
- To conduct research activities in the field of pulmonology & thoracic Surgery.
- To provide students thesis & dissertation guide.
- To provide training for interventional pulmonology
- To provide referral service for updated diagnosis of tuberculosis including MDR tuberculosis
- To provide service to any national or international crisis in health sector.
- To provide palliative therapeutic service lung cancer & other endobronchial pathology by bronchoscopic intervention.

## OFFICES OF THE INSTITUTE

1. Office of Director Cum Professor
2. Office of Medical Superintendent
3. Office of Hospital Secretary
4. Office of Head Assistant
5. Office of Accounts Officer
6. Office of Academic Secretary
7. Office of IT Section Officer
8. Office of Telephone Exchange Office
9. Office of Nursing Superintendent

## DEPARTMENTS OF THE INSTITUTE

1. Department of Respiratory Medicine
2. Department of Interventional Pulmonology
3. Department of Pulmonary Function Test & sleep Study
4. Department of Thoracic Surgery
5. Department of Radiology & Imaging
6. Department of Histopathology & Microbiology
7. Department of Biochemistry
8. Department of Transfusion Medicine
9. Department of Physical Medicine & Rehabilitation
10. Department of ICU & RCU
11. Department of Anaesthesiology



## WORKING HOURS

- From 8:00 a.m. to 2:30 p.m.  
(as per government rule)  
(Friday and Government holidays closed)
- Indoor : Round the clock
- Emergency : Round the clock
- Pathology : Round the clock
- Radiology & Imaging : Round the clock
- Evening round : By consultant



## OVERVIEW

National Institute of Diseases of the Chest and Hospital (NIDCH), Dhaka is situated at Mohakhali adjacent of Gulshan. It has 47.28 acres of land. It was started as “TB Hospital” on September 1955 with 200 beds for tuberculosis patients. In 1962, it was upgraded as the “Institute of Chest Diseases and Hospital”. It has residential accommodation for the Director, Superintendent, officers, staffs, a hostel for Postgraduate students and a hostel for the nurses. One hundred fourteen class one officers, five hundred sixty six class two officers (with nurse), ninety six class three employees and one hundred eighty five class four employees are serving the institute at present. NIDCH is the only institute of Bangladesh which extend modern specialized medical and surgical treatment to complicated chest diseases and TB patients and also offers training of medical manpower in the specialization of tuberculosis and chest diseases.

The Institute provides Post-Graduate training for the students of “Diploma in Tuberculosis and Chest diseases” (DTCD), Doctor of Medicine (MD, Chest), FCPS, MS, and also under graduate teaching in Tuberculosis for the students of different Medical Colleges. In 10 separate blocks, the hospital has accommodation for 670 patients suffering from Pulmonary Tuberculosis and allied diseases of the chest. 410 bed in Medicine department, 260 bed in surgery department. National asthma centre is a separate 10 store building already completed 8 store. 85 beds are allocated for Asthma patients in National Asthma Center building. 70 beds are reserved for MDR TB Patients.

In order to facilitate management of patients, the Hospital beds are divided and put in 12 medical units and 5 surgical units under care of unit chiefs. The unit chiefs are of the rank of Professor or Associate Professor. They are experienced and possess high academic qualification.

The institute provides post-graduate training for the students of “Diploma in tuberculosis and Chest Diseases (DTCD), Doctor of Medicine (MD-chest), FCPS (Pulmonology), MS (Thoracic Surgery), FCPS (Thoracic Surgery). Selected class are arranged for MBBS student of different medical college. This hospital has accommodation of 670 patients out of which 410 bed are allotted for department of medicine and 260 for surgery. Recently 60 beds are allotted for COVID and patients. In order to facilitate the management 12 medicine units and 5 surgical units were created. The unit chiefs are of the ranks of Professor or Associate Professor.



**Dr. Md. Abdullah Al Mehedi**  
Superintendent

### **Medical Superintendent**

It is administrative post hold by a doctor. Hospital Superintendent main aid of the director for smooth and precise execution of various administrative decision. His office is on ground floor of southern part of main hospital building. One of his main task is to supervise the work of employee. He is accountable to director.

## DEPARTMENT OF RESPIRATORY MEDICINE

### Medicine Unit 1 (Blue)



**Professor Dr. Md. Sayedul Islam**  
Director cum Professor



**Dr. Md. Abdus Shakur Khan**  
Assistant Professor



**Dr. Md. Delwar Hossain**  
Registrar (c.c.)



**Dr. Tanvir Ahmed Chowdhury**  
Resident Medical Officer



**Dr. Biswajit Kumar Biswas**  
Medical Officer



**Dr. Mirza Asif Adnan**  
Medical Officer

## Medicine Unit 2 (Pink)



**Professor Dr. Md. Sayedul Islam**  
Director cum Professor



**Dr. Biswas Shahin Hasan**  
Assistant Professor



**Dr. Shafiul Islam**  
Assistant Professor



**Dr. Subrata Kumar Gain**  
Registrar



**Dr. Dilruba Yeasmin**  
Assistant Registrar



**Dr. Muhammad Mamun-Or-Rashid**  
Medical Officer

### Medicine Unit 3 (Purple)



**Prof. Dr. Syed Rezaul Haque**  
Professor (c.c) & Unit Chief



**Dr. Md. Ziaul Karim**  
Assistant Professor



**Dr. Mohammad Moshir Rahman**  
Academic Registrar Medicine



**Dr. A.M.K. Saifullah**  
Resident Medical Officer



**Dr. Golam Hossain Towhid**  
Medical Officer

### Medicine Unit 4 (Orange)



**Dr. Md. Zakir Hossain Sarkar**  
Associate Professor & Unit Chief



**Dr. Kazi Saifuddin Ben Nur**  
Assistant Professor



**Dr. Mohammad Ashif Iqbal**  
Assistant Registrar



**Dr. Farhana Sultana**  
Medical Officer

## Medicine Unit 5 (White)



**Dr. Mahmud Rahim**  
Associate Professor & Unit Chief



**Dr. Salma Akter**  
Assistant Professor



**Dr. Md. Lutfur Rahman**  
Assistant Registrar



**Dr. Sayla Shampa**  
Assistant Registrar



**Dr. Sheikh Shamsuzzaman**  
Medical Officer

## Medicine Unit 6 (Golden)



**Dr. S.M. Abdur Razzaque**  
Associate Professor & Unit Chief



**Dr. Golam Sarwar Liaquat Hossain**  
Assistant Professor



**Dr. Monoranjan Roy**  
Assistant Professor



**Dr. Goutam Sen**  
Registrar (c.c.)



**Dr. Md. Rowsan Arif**  
Resident Medical Officer



**Dr. Miraz Mahmud**  
Medical Officer



**Dr. Bulbul Parvin**  
Medical Officer



## Medicine Unit 7 (Silver)



**Dr. Md. Khairul Anam**  
Associate Professor & Unit Chief



**Dr. Md. Ferdous Wahid**  
Assistant Professor



**Dr. Md. Ashik Ullah**  
Registrar (c.c.)



**Dr. Md. Shahajan Siddique**  
Medical Officer



**Dr. Muhammad Mukhlesur Rahman**  
Medical Officer

## Medicine Unit 8 (Sky Blue)



**Dr. Nihar Ranjan Saha**  
Associate Professor & Unit Chief



**Dr. Pulak Kumar Dey**  
Assistant Professor



**Dr. H.M. Aminur Rashid**  
Registrar



**Dr. Mohammad Nazmul Hasnine Nawshad**  
Medical Officer



**Dr. Palash Kumar Podder**  
Medical Officer



**Dr. Md. Habibur Rahman**  
Medical Officer

## Medicine Unit 9 (Brown)



**Dr. Sheikh Shahinur Hossain**  
Associate Professor & Unit Chief



**Dr. Sanjoy Kumar Kar**  
Registrar



**Dr. Tazrin Farhana**  
Medical Officer



**Dr. Chitto Ranjan Paul**  
Medical Officer

## Medicine Unit 10 (Green)



**Dr. Bipul Kanti Biswas**  
Associate Professor & Unit Chief



**Dr. Rustom Ali**  
Assistant Professor



**Dr. Ezazul Karim**  
Registrar



**Dr. Anowar Ahmed**  
Medical Officer



**Dr. Amit Chatterjee**  
Medical Officer

## Medicine Unit 11 (Red)



**Dr. Barkat Ullah**  
Associate Professor & Unit Chief



**Dr. Jalal Mohsin Uddin**  
Assistant Professor



**Dr. Aminul Islam**  
Registrar (c.c.)



**Dr. Shovon Rahut**  
Medical Officer



**Dr. Ahmed Imran Kabir**  
Medical Officer

## Medicine Unit 12 (Yellow)



**Prof. Syed Rezaul Hoque**  
Professor (c.c) & Unit Chief



**Dr. Shamima Akhter Poly**  
Assistant Professor



**Dr. Md. Shahjada Tabrez**  
Registrar (c.c.)



**Dr. ANM Ashikur Rahman**  
Medical Officer



**Dr. Ashok Kumar Bhowmik**  
Medical Officer

## DEPARTMENT OF RESPIRATORY MEDICINE (Responsibilities)

1. Clinical discussion on previous day admitted patients in morning session.
2. Lecture and clinical classes for DTCD, MD, FCPS students
3. Clinical classes of Post graduate students of BSMMU, NIPSOM, BIRDEM, Army Medical Core Institute and Undergraduate students of different Medical Colleges
4. Consultancy to the patients attended in the reference clinic
5. Conduct examination of different Postgraduate Courses
6. Diagnostic and therapeutic intervention by Fiber Optic Bronchoscopy
7. Pleural procedure & intervention
8. Clinical round for management of indoor patient
9. Other administrative duties
10. Arrangement of medical boards for management of critical patients
11. Treatment of OPD patients in outdoor on admission day.

## Thoracic Surgery Unit-1



**Prof. Manabendra Biswas**  
Professor (c.c) & Head



**Dr. Md. Delwar Hossain**  
Assistant Professor & RS



**Dr. Md. Mobarak Hossain**  
Assistant Professor



**Dr. Mohammad Sariful Islam**  
Registrar Surgery



**Dr. Mahmudul Hasan**  
Assistant Registrar Surgery

## Thoracic Surgery Unit-2



**Dr. Anowarul Anam Kibria**  
Associate Professor & Unit Chief



**Dr. Mohammad Abdur Rahim**  
Assistant Professor



**Dr. Mahmudul Ahmed Ronak**  
House Surgeon

### Thoracic Surgery Unit-3



**Dr. Md. Mofizur Rahman Miah**  
Associate Professor & Unit Chief



**Dr. Mohammad Anamul Hoque**  
Registrar



**Dr. Abdulah Al Masud**  
Assistant Registrar



**Dr. Sazzad Hasan Shuvo**  
House Surgeon

### Thoracic Surgery Unit-4



**Dr. Kazi Saiful Islam**  
Associate Professor & Unit Chief



**Dr. Md. Nazmul Islam**  
Assistant Professor



**Dr. Sheikh Mohammad Zakir Ullah Rasa**  
House Surgeon



**Dr. Titop Kumar Bala**  
Emergency Medical Officer

## Thoracic Surgery Unit-5



**Dr. Mosharraf Hossain (Shamim)**  
Associate Professor & Unit Chief



**Dr. Md. Zahidul Islam**  
Assistant Professor



**Dr. Kazi Munjarin Akhter**  
Assistant Registrar



**Dr. Md. Ershad Hossain**  
Medical Officer

## DEPARTMENT OF THORACIC SURGERY (Responsibilities)

1. Surgical activities including major operations involving full range of Pulmonary, Extra-Pulmonary, Oesophageal and pleural Surgery, Bronchoscopy and Oesophagoscopy & VATS
2. Clinical discussion on previous days admitted patients
3. Lecture and clinical classes to DTCD, MD, FCPS, MS Student
4. Clinical classes of Post graduate Students of BSMMU, NIPSOM, BIRDEM, Army Medical Core Institute and Under Graduate students of different Medical Colleges
5. Consultancy opinion to the patients attended in the reference clinic
6. Conduction of examination of different Post Graduate Courses
7. Indoor round – for admitted & post operative patient
8. Other administration duties

## DEPARTMENT OF INTERVENTIONAL PULMONOLOGY



**Dr. Nihar Ranjan Saha**  
Associate Professor (Incharge)



*Ballon Bronchoplasty done by Professor Dr. Md. Sayedul Islam*



*Installation of two new Bronchoscopes*





### DEPARTMENT OF INTERVENTIONAL PULMONOLOGY (Responsibilities)

No.	Name of Procedure	Route	Instrument	Frequency of Procedure
1.	Bronchoscopy	Fiber-Optic Bronchoscope	Fiber-Optic Bronchoscope	150 Per month
2.	Bronchoscopic Brush, BAL Biopsy	Fiber-Optic Bronchoscopy	Fiber-Optic Bronchoscope	150 Per month
3.	CTBNA Bronchoscopy	Fiber-Optic vacuum syringe	TBNA needle	20 Per month
4.	Argon Plasma Coagulation	Therapeutic Bronchoscopy	APC Machine	5-10 Per month
5.	Ballon Broncho Plasty	Therapeutic Bronchoscopy	Ballon Catheter	5 Per month
6.	Foreign Body Removal	Therapeutic Bronchoscopy	Foreign Body Needle/ Dormia Basket	50 Per month
7.	Cry Biopsy / Therapy	Therapeutic Bronchoscopy	Cryo Machine	2-3 Per month
8.	EBUS - TBNA	EBUS Scope	EBUS Machine	2-5 Per month
9.	Intercostal Chest Tube drainage	Intrapleural route	Intrapleural Trocher & Canula	200 Per month
10.	Transcutaneous Intrapleural Catheter (TIPC)	TIPC	TIPC Set	30 Per month
11.	Spontaneous Auto Fluorescence Evaluation (SAFE)	SAFE	SAFE Machine	20 Per month

## ANAESTHESIOLOGY DEPARTMENT



**Dr. Mohammad Rezaul Hasan**  
Assistant Professor



**Dr. Md. Shamim Hossain Apel**  
Assistant Surgeon



**Dr. SMS Arefin Khan**  
Medical Officer



**Dr. Sharmin Rahman**  
Medical Officer



**Dr. Sayda Begum Panna**  
Medical Officer



**Dr. Sheikh Rezaul Islam Jutti**  
Medical Officer



### **DEPARTMENT OF ANAESTHESIOLOGY (Responsibilities)**

1. Pre-anaesthetic assessment of patient for Surgery
2. Pre-operative and Post operative care of patients
3. Care of patients in post operative intensive care unit
4. Nutritional management of unconscious patients in the medical and surgical ward
5. Academic activities
  - a. Teaching of DTCD students
  - b. Teaching of FCPS, MD and DA students of BSMMU and DMCH

## Out Patient Department



**Dr. Md. Serazul Islam**  
Assistant Professor & RP



**Dr. Md. Delwar Hossain**  
Assistant Professor & RS



**Dr. Dewan Azmal Hossain**  
Assistant Professor



**Dr. Mortaza Khair**  
Junior Consultant



**Dr. Md. Abdul Awal**  
Assistant Registrar



**Dr. Nigar Sultana Ahmed**  
Emergency Medical Officer



**Dr. Merazul Alam**  
Medical Officer



**Dr. Romal Chowdhury**  
Medical Officer

## **OUTPATIENT DEPARTMENT (Responsibilities)**

### **R.P (Resident Physician)**

Resident Physician (R.P) is the post equivalent to Assistant Professor and whole time residential. He is the head of medical outdoor and responsible for delivering the management to all the patient appeared at medical outdoor.

He will give final decision regarding admission of patient simultaneously; he will also manage the referred patient from outdoor medical officers. More over he will give the final consent wherever any admitted patient transfer among the units or department. He will also follow up. Ticket Clark, Rent Collector, MLSS at outdoor and directly supervised DOTS center.

He will be 1st on call doctor to appeared at indoor admitted patient beyond office hour.

### **R.S (Resident Surgeon)**

Resident Surgeon (R.S) in the post equivalent to Assistant Professor and whole time residential. He is the head of surgery outdoor and responsible for delivering the management to all the patient appeared at surgery outdoor.

He will give final decision regarding admission of surgery related patient, simultaneously, he will also manage the referred patient from outdoor medical officers. More over he will give the final consent wherever any admitted patient transfer among the units or department.

## ICU Department



**Dr. Md. Khairul Anam**  
Associate Professor & Head



**Dr. Md. Mamunur Rashid**  
Assistant Professor



**Dr. Prottush Kumar Mandal**  
Registrar



**Dr. Kazi Nazmul Islam**  
Registrar



**Dr. Sheikh Shohelur Rahman**  
Assistant Registrar (c.c.)



**Dr. SM Golam Sarwar**  
Medical Officer



**Dr. SM Masuduzzaman**  
Medical Officer



**Dr. Mohammad Ashik Imran**  
Medical Officer



**Dr. Mohammad Shakawat Hossain**  
Medical Officer



**Dr. Ashrafal Alam Khan**  
Medical Officer

## ICU & RCU DEPARTMENT



*ICU patient taking care by nurse*



*ICU patient on mechanical ventilation*

## DEPARTMENT OF LABORATORY MEDICINE



**Dr. Moitreyee Majumder**  
Associate Professor & Head



**Dr. Md. Delwar Hossain**  
Associate Professor



**Dr. Nusrat Jahan**  
Assistant Professor



**Dr. Md. Imran Hasan**  
Assistant Professor



**Dr. Nibir Sarker**  
Medical Officer



**Dr. Jannatul Ferdous**  
Medical Officer



**Dr. Md. Saiful Hoque Talukder**  
Medical Officer



**Dr. Umme Salma Sabnom**  
Medical Officer



**Dr. ABM Fakrul Islam**  
Medical Officer





*Renovated Laboratory Medicine (Pathology) Department*

## DEPARTMENT OF LABORATORY MEDICINE (Facilities & Responsibilities)

### **The Department is equipped for**

1. Routine Haematological examination
2. Routine examination of Urine and stool
3. Biochemical analysis of blood
4. Histopathological examination of specimens
5. Fine Needle Aspiration Cytology and Exfoliative Cytology
6. Culture and sensitivity of Tubercule bacilli and other respiratory organisms
7. Direct demonstration of organism including T.B. bacilli by Immunoflourence
8. Sputum culture
9. DOPE test, ABG, Electrolyte
10. Pleural fluid analysis

### **Teaching Responsibilities**

1. Lecture delivered to DTCD students on Pathology and Microbiology
2. Practical and demonstration classes to DTCD students on different subjects of Pathology and Microbiology
3. Conduction of examination of DTCD students in Pathology and Microbiology

## DEPARTMENT OF RADIOLOGY & IMAGING



**Prof. Dr. ASM Zakir Hossain**  
Professor & Head



**Dr. Sabrina Akhter**  
Associate Professor



**Dr. Sultana Yasmin**  
Medical Officer



*Department of Radiology & Imaging*

## **DEPARTMENT OF RADIOLOGY & IMAGING (Responsibility)**

The Department is equipped with two 500 MA X-ray units, one modern CT scan machine Two (2) smaller units of portable x-ray and one Ultrasonogram Machine

### **The Department Undertakes**

1. Routine Chest Radiography
2. Bronchography and Tomography
3. X-ray examination of bones and joints
4. Different contrast examination
5. Ultrasonogram of different systems
6. CT Scan of Chest & CT guided FNAC

### **Responsibilities**

1. Radiology classes of DTCD, DMRD, MD, MS, FCPS students of different institutes.
2. Examination & reporting on different procedures
3. Beside Radiology & Imaging examination
4. Participation in discussion at morning session
5. Assists for Interventional Pulmonology procedure

**DEPAT. OF PULMONOLOGY FUNCTION TEST & SLEEP LAB.**



**Dr. Mahmud Rahim**  
Associate Professor (Incharge)



**Dr. Md. Feurdous Wahid**  
Assistant Professor

1. Spirometry
2. Spirometry with reversibility
3. Complete pulmonary function test
4. Six minute walk test
5. Polysomnography



*Body-box and Ergometer*

## BLOOD TRANSFUSION DEPARTMENT



**Dr. Jarin Mosfeka Rahman**  
Associate Professor & Head

### **Responsibilities**

1. Offering Blood Transfusion service
2. Classes of DTCD students

## PHYSICAL MEDICINE DEPARTMENT



**Dr. Sanjida Pervin**  
Assistant Professor

### **Responsibilities**

1. Offering physiotherapy & rehabilitation programme for needed.

## EMERGENCY DEPARTMENT



**Dr. AKM Momtajul Hoq**  
Medical Officer



**Dr. Md. Ishaq**  
Medical Officer



**Dr. Uzzal Kumar Saha**  
Medical Officer



**Dr. Md. Tahsin Alam Chowdhury (Hamim)**  
Medical Officer

### **Emergency Department**

This department is situated at the premises of out patient department of the Hospital building.

This department is open for 24 hours round the clock. Emergency Medical Officer with his staff and logistic support are ready for all time to manage the emergency situation for both Medical and Surgery patient. This department ran smoothly under the supervisor Emergency in-charge (doctor).

This department is facilitated by

1. Five beds for patients
2. Central oxygen supply.
3. Central portal nebulization system
4. ECG
5. CPR facility & defibrillation
6. All emergency medication

### **Residence**

The residence of the officers, nurses and staffs is located at a separate premise a short distance from the main campus.

#### **Student's Hostel**

An one storied student hostel is situated near the administrative block. It is located in a beautiful place free from noise and dirt.

### **Social Welfare**

Social service department also providing round the year service. Main services provided by the social welfare department at NIDCH are the follows;

- Assist and encourage the poor, helpless and distressed patient for admission and avail treatment facility.
- Help poor patients by provide medicine and financial support for pathological test.
- Help patients to get blood from voluntary donor.
- Distribute clothes among poor and helpless patients.
- Provide conveyance to the poor patients.
- Provide other support like wheel chair, room heater, trolley etc.



## LIBRARY



The institute is equipped with a library for the teachers and students of NIDCH. The library is run by a librarian and an library assistant, library attendant. Library contains twelve hundred fifty seven books and a small numbers of Journals. The library is open from 8a.m. to 9 p.m. Service of the National Health Library and Documentation Center (NHLDC) (which is about half a kilometer away from the institute) regarding Hellis, Madlar and Medline searches and reprints are made available through this library. Inter Library loan facilities for books and Journals (such as from NHLDC and the British Council Library) are also available.

### **Conference and Workshop**

For better understanding & disscuation of knowledge, regular conference & workshop held up in NIDCH. The Chest & Heart Association of Bangladesh, Asthma Association, NIDCH arrange various workshop on Chest diseases. Teachers Association, local doctors as well as, doctors from all over the country gather here yearly to exchange views & ideas & take part in training session.

National Asthma Center conference room is the venue, which is also available for other allied organizations for use, with some minimal fee. Technology transfer is intended so Chest specialist from all over the world invited here, they take part in lecture session and hand on training.

### **Academic Council**

It is the highest academic body of the institution. The entire Professor, Associate Professor, Assistant Professor & the Registrar are the member of academic council. The council is responsible for holding post-graduation admission, updating &smooth implementation of post-graduate course curriculum. It also set up internal discipline, rules & regulation on the basis of need. Full member meeting occurs regularly regarding achievement & progression of the academic work.

**GOVT. OF THE PEOPLE'S REPUBLIC OF BANGLADESH**  
**Office of the Director-Cum-Professor, National Institute of Diseases of the Chest & Hospital**  
**under the Director General of Health Services**

*Revised*

**ORGANOGRAM**

Director General of Health Services
Addl. Director General (Admin)
Director (Administration)
Director-Cum-Professor (NIDCH) 3
1x Director
1x Stenographer
1x M.L.S.S.

**Transportation, Important Instruments & Office Equipments**

- Transportation: a) Car : 1+1  
b) Microbus : 2+1  
c) Ambulance : 1  
d) Pick-up : 1
- Aircooler-31; Blood Bank Freeedge-2; Cardiac Monitor-4; X-ray Machine-3+1; Anesthesia machine with Ventilator ; PABX; ICU Bed; Blood Gas Analyzer; Electrolyte Analyzer; Central Gas Pipe Line; Conference System; Ultrasonogram; ECG; Generator, etc.
- Electric Type Writer-1; Duplicating Machine-1; Type Writer-15 Bangla & English (6:4); Plain Paper Copier-1, Computer-1.
- Hospital Bed - 500+100

**HOSPITAL WING 630**

<b>Medical Superintendent</b> 52	<b>Kitchen Service</b> 25
1x Medical Superintendent 1x Resident Physician (Asstt. Professor) 1x Resident Surgeon (Asstt. Professor) 6x Resident Medical Officer 2x House Surgeon 3x Asstt. Registrar (Medicine) 1x Asstt. Registrar (Surgery) 3x Asstt. Registrar (Surgery) 2x Asstt. Registrar (Anaesthesiology) 11x Medical Officer (Indoor) 4x Medical Officer (OPD) 1x Anaesthetist 4x Anaesthetist 3x Emergency Medical Officer 4x Emergency Medical Officer 1x Medical Officer (Physical Medicine) 1x Statistical Officer 3x M.L.S.S.	1x Dietician 1x Stewart 1x Diet Assistant 1x Diet Assistant 1x Head Cook 1x Assistant Head Cook 9x Cook 6x Mashalchi 4x Kitchen Servant
<b>Hospital</b> 2	<b>Radiology</b> 12
1x Secretary 1x M.L.S.S.	1x Radiologist 1x Radiologist 1x Radiographer 3x Radiographer 1x Accounts Assitstn 1x X-ray Technician 1x Dark Room Assistant 3x Dark Room Assistant
<b>Administration</b> 23	<b>Pathology</b> 23
1x Head Assistant 2x UDA 2x Office Assistant cum Typist 3x Store Keeper/LDA 1x Tailors 3x Driver 2x Driver 4x Telephone Operator 2x Telephone Operator 3x M.L.S.S.	1x Pathologist 2x Pathologist 1x Curator 1x Medical Officer (Biochemistry) 1x Chief Laboratory Technician 7x Medical Technologist (Laboratory) 3x Laboratory Technician 1x Accounts Assistant 4x Laboratory Servant 2x Laboratory Attendant
<b>Accounts &amp; Cash Section</b> 10	<b>Nursing Services</b> 221
1x Accounts Officer 1x Accountant 1x Assistant Accountant/LDA 2x Rent Collector 1x Cashier 2x Accounts Assistant 1x Cash Sarker 1x M.L.S.S.	1x Nursing Superintendent 1x Deputy Nursing Superintendent 1x Deputy Nursing Superintendent 6x Nursing Supervisor 5x Nursing Supervisor 2x O.T. Sister 228x Senior Staff Nurse 25x Assistant Nurse
<b>Hospital Service</b> 187	<b>Nursing Hostel</b> 6
2x Ward Master 2x Ward Master 1x Boiler Mechanic 1x Occupational Therapist 3x Physiotherapist 4x Ticket Clerk 3x Receptionist 1x Electro Medical Technician 1x Medical Record Keeper 1x Pump Operator 1x Boiler Attendant 1x Plumber Mistry 1x Carpenter 2x Sarder 1x Sarder	2x Cook 2x Mashalchi 2x Kitchen Servant
8x Darowan/Guard 7x Darowan/Guard 8x Mali/Gardener 2x Mali/Gardene 41x Ward Servant 7x Ward Servant 49x Sweeper 5x Sweeper 1x Miniel 25x Aya 2x Aya 2x Assistant Carpenter 1x Carpenter 2x Barber 2x Stretcher Bearer	<b>Blood Bank</b> 9
	1x Medical Officer (Blood Transfusion) 2x Medical Officer (Blood Transfusion) 4x Blood Bank Technician 1x Accounts Assistant 1x M.L.S.S.
	<b>Medicine Store</b> 12
	1x Medical Officer (Store) 1x Store Officer (General) 4x Pharmacist 2x Pharmacist 2x Dispensary Servant 2x Dispensary Servant

**HOSPITAL WING 630**

<b>Academic Office</b> 3	<b>Department of Medicine</b> 27
1x Academic Secretary 1x Stenotypist 1x M.L.S.S.	2x Professor (Respiratory Medicine) 6x Associate Professor (Respiratory Medicine) 9x Assistant Professor (Respiratory Medicine) 1x Registrar (Medicine) 7x Registrar (Medicine) 1x Stenotypist 1x Office Assistant cum Typist 1x M.L.S.S.
<b>Library</b> 7	<b>Department of Surgery</b> 14
1x Librarian 1x Assistant Librarian 1x Cataloguer 3x Library Attendant 3x Daptry	1x Professor (Thoracic Surgery) 2x Associate Professor (Thoracic Surgery) 1x Associate Professor (Surgery) 1x Assistant Professor (Surgery) 3x Assistant Professor (Thoracic Surgery) 1x Registrar (Surgery) 2x Registrar (Surgery) 1x Stenotypist 1x Office Assistant cum Typist 1x M.L.S.S.
<b>Audiovisual Section</b> 2	<b>Department of Pathology &amp; Microbiology</b> 8
1x Audiovisual Technician 1x Photographer	1x Professor (Pathology & Microbiology) 1x Associate Professor (Pathology) 2x Asstt. Professor (Path. & Microbiology) 1x Asstt. Professor (Path. & Physio. & Biochm) 1x Stenotypist 1x Office Assistant cum Typist 1x M.L.S.S.
<b>Postgraduate Hostel</b> 5	<b>Department of Anesthesiology</b> 7
1x House Keeper 1x Cook 2x Bearer 1x Sweeper	1x Professor (Anesthesiology) 1x Associate Professor (Anesthesiology) 1x Associate Professor (Anesthesiology) 2x Asstt. Professor (Anesthesiology) 1x Office Assistant cum Typist 1x M.L.S.S.
	<b>Department of Radiology</b> 2
	1x Associate Professor (Radiology) 1x Assistant Professor (Radiology)
	<b>Department of Blood Transfusion</b> 2
	1x Blood Transfusion Officer (Asso. Professor) 1x Assistant Professor (Blood Transfusion)
	<b>Department of Physical Medicine</b> 1
	1x Assistant Professor (Physical Medicine)



**Role of Honor**  
**LIST OF DIRECTORS**  
NIDCH, Mohakhali, Dhaka-1212.

No.	Name	Period
1.	Professor Dr. Lutfur Rahman, FCPS (Medicine)	25.11.1962 to 22.08.1966.
2.	Professor Dr. Maminul Hoque, FRCS (London)	23.08.1966 to 23.01.1967.
3.	Professor Dr. A.K, Shamsuddin Ahmed, FRCP (Edin)	24.01.1967 to 05.08.1969.
4.	Professor Dr. Maminul Hoque, FRCS (London)	05.08.1959 to 28.05.1970.
5.	Professor Dr. Sayed Mohibur Rob, FRCP (London)	29.05.1970 to 12.12.1971.
6.	Professor Dr. AQM Nurul Hoque, FRCP (Edin)	12.12.1971 to 17.03.1972.
7.	Professor Dr. Abul Khayer Khan, FRCP (Edin)	18.03.1972 to 18.08.1977.
8.	Professor Dr. AQM Nurul Hoque, FRCP (Edin)	19.08.1977 to 01.02.1980.
9.	Professor Dr. MT Hossain, RRCP (London Glasg & Edin)	12.02.1980 to 15.01.1981.
10.	Dr. A K Ahshan Ali, DTCD (WALES)	15.01.1981 to 26.11.1981.
11.	Professor Dr. MT Hossain, RRCP (London Glasg & Edin)	27.11.1981 to 16.01.1982.
12.	Dr. A K Ahshan Ali, DTCD (WALES)	17.01.1982 to 09.07.1982.
13.	Professor Dr. Wali Ullah, FRCP (London)	10.07.1982 to 28.04.1983.
14.	Professor Dr. AQM Nurul Hoque, FRCP (Edin)	10.05.1983 to 26.03.1985.
15.	Professor Dr. Abdur Rouf Bhuiyon, FCPS (Medicine)	27.03.1985 to 29.04.1987.
16.	Professor Dr. AQM Nurul Hoque, FRCP (Edin)	30.04.1987 to 19.06.1988.
17.	Professor Dr. Kamrul Huda, FRCP (Glosg)	18.07.1988 to 25.04.1989.
18.	Professor Dr. Habibur Rahman, FRCP(Edin) FRCP (Glasg)	26.04.1989 to 14.12.1991.
19.	Professor Dr. AKM Shamsul Hoque, DTCD (WALES)	15.12.1991 to 05.12.1992.
20.	Professor Dr. AKM Mosleh Uddin, FCPS (Medicine)	21.12.1992 to 02.10.1996.
21.	Professor Dr. Md. Shofiullah, FCPS (Medicine) FRCP (Edin)	02.10.1996 to 18.07.1999.
22.	Professor Dr. AKM Shariful Islom, FCPS FICS	18.07.1999 to 15.04.2003.
23.	Professor Dr. Falauzaman Khan, DPH, Professor C Medicine	15.04.2003 to 19.04.2005.
24.	Professor Dr. Md. Mustafizur Rahman, FCPS (Medicine) FRCP (Edin) FCCP(USA)	19.04.2005 to 16.11.2009.
25.	Professor Dr. Mirza Mohammad Hiron, FCPS(M) MD (Chest) FCCP(USA) FRCP (Ire,Edin & Glos)	17.11.2009 to 29.06.2010.
26.	Professor Dr. A.K.M. Mustafa Hussain, DTCD, MD (Chest), FCCP(USA), FWHO.	30.06.2010 to 21.05.2012.
27.	Professor Dr. Md. Rashidul Hassan, MBBS, MCPS, FCPS (Medicine), MD (Chest)	21.05.2012 to 01.07.2016.
28.	Professor Dr. Md. Ali Hossain, FCPS (Medicine), MD (Chest)	01.07.2016 to 10.08.2016
29.	Professor Dr. Mohammed Shahedur Rahman Khan, MBBS,FCPS (Medicine), MD (Chest), MCPS, FCCP (USA)	10.08.2016 to 01.04.2021
30.	Professor Dr. Md. Sayedul Islam, DTCD, MD (Chest), FRCP (Glasgow)	01.04.2021 to Till now

## LIST OF TEACHERS OF NIDCH

### Department of Respiratory Medicine

**Professor Dr. Md. Sayedul Islam**  
DTCD, MD (Chest), FRCP (Glasgow)  
Director Cum Professor  
Mobile: 01552390582

**Prof. Dr. Syed Rezaul Hoque**  
MCPS, MD  
Professor (c.c)  
Mobile: 01711493636

**Dr. Md. Zakir Hossain Sarkar**  
MD  
Associate Professor  
Mobile: 01716632591

**Dr. Mahmud Rahim**  
MD  
Associate Professor  
Mobile: 01720070173

**Dr. S. M. Abdur Razzaque**  
DTCD, FCCP  
Associate Professor  
Mobile: 01711483657

**Dr. Md. Khairul Anam**  
MD, FCCP  
Associate Professor  
Mobile: 01711846416

**Dr. Nihar Ranjan Saha**  
DTCD, FCCP  
Associate Professor  
Mobile: 01713030092

**Dr. Sheikh Shahinur Hossain**  
DTCD, FCCP, MD  
Associate Professor  
Mobile: 01711355872

**Dr. Bipul Kanti Biswas**  
DTCD, FCCP, Associate Professor  
Mobile: 01715362035

**Dr. Barkat Ullah**  
DTCD, FCCP  
Associate Professor  
Mobile: 01711541031

**Dr. Md. Serazul Islam (RP)**  
DTCD, FCCP  
Assistant Professor  
Mobile: 01711452921

**Dr. Biswas Shaheen Hasan**  
DTCD, FCCP  
Assistant Professor  
Mobile: 01763354914

**Dr. Golam Sarwar Liaquat Hossain**  
MD  
Assistant Professor  
Mobile: 01911353090

**Dr. Md. Abdus Shakur Khan**  
MD  
Assistant Professor  
Mobile: 01552322010

**Dr. Md. Ziaul Karim**  
DTCD  
Assistant Professor  
Mobile: 01711343663

**Dr. Kazi Saifuddin Ben Nur**  
DTCD  
Assistant Professor  
Mobile: 01711542467

**Dr. Md. Mamunur Rashid**  
FCPS  
Assistant Professor  
Mobile: 01711903377

**Dr. Md. Ferdous Wahid**  
MD  
Assistant Professor  
Mobile: 01716604778

**Dr. Dewan Azmal Hossain**  
MD  
Assistant Professor  
Mobile: 01819449182

**Dr. Rustom Ali**  
MD  
Assistant Professor  
Mobile: 01917726798

**Dr. Salma Akhter**  
DTCD  
Assistant Professor  
Mobile: 01711467004

**Dr. Jalal Mohsin Uddin**  
FCPS (Pul), DTCD  
Assistant Professor  
Mobile: 01756000065

**Dr. Md. Shafiul Islam**  
FCPS  
Assistant Professor  
Mobile: 01715134555

**Dr. Pulok Kumar Dey**  
MD  
Assistant Professor  
Mobile: 01712993758

**Dr. Manoranjon Roy**  
MD  
Assistant Professor  
Mobile: 01916292672

**Dr. Shamima Akhter Poly**  
MD  
Assistant Professor  
Mobile: 01816210064

**Dr. Mohammad Moshir Rahman**  
MD  
Academic Registrar  
Mobile: 01741990659

**Dr. Md. Delowar Hossain**  
MD  
Registrar  
Mobile: 01718433287

**Dr. Subrata Kumar Gain**  
DTCD  
Registrar  
Mobile: 01915639139

**Dr. AMK Saifullah**  
Registrar  
Mobile: 01711197041

**Dr. Md. Lutfor Rahman**  
MD  
Registrar  
Mobile: 01712583822

**Dr. Gautam Sen**  
MD  
Registrar  
Mobile: 01735904686

**Dr. Ashik Ullah**  
Registrar  
Mobile: 01929047914

**Dr. H. M. Aminur Rashid**  
MD  
Registrar  
Mobile: 01711454079

**Dr. Sanjoy Kumar Kar**  
DTCD  
Registrar  
Mobile: 01711356556

**Dr. Md. Shahjada Tabrez**  
MD  
Registrar  
Mobile: 01915478978

**Dr. Ezazul Karim**  
MD  
Registrar  
Mobile: 01718386877

**Dr. Prottush Kumar Mondal**  
MD  
Registrar  
Mobile: 01712064318

**Dr. Aminul Islam**  
MD  
Registrar  
Mobile: 01819826029

**Dr. Kazi Nazmul Islam**  
Registrar  
Mobile: 01711586488

### Department of Pediatrics Pulmonology

**Dr. Md. Saifuddin Khaled**  
MD (Paed)  
Associate Professor (c.c)  
Mobile: 01711900665

### Department of Chest Medicine

**Dr. Md. Mortaza Khair**  
MD  
Jr. Consultant  
Mobile: 01715028082

### Department of Thoracic Surgery

**Prof. Dr. Manabendra Biswas**  
MS (TS)  
Professor (c.c)  
Mobile: 01711074483

**Dr. Kazi Saiful Islam**  
Associate Professor  
Mobile: 01615157789

**Dr. Anwarul Anam Kibria**  
Associate Professor  
Mobile: 01711563510

**Dr. Mosharraf Hossain (Shamim)**  
MS (TS)  
Associate Professor  
Mobile: 01711279637

**Dr. Md. Mofizur Rahman Miah**  
MS (TS)  
Associate Professor  
Mobile: 01711301783

**Dr. Md. Delwar Hossain (RS)**  
MS (TS)  
Assistant Professor  
Mobile: 01711851454

**Dr. Abdur Rahim**  
MS (TS)  
Assistant Professor  
Mobile: 01711446158

**Dr. Zakir Ullah Rasa**  
FCPS  
Academic Registrar  
Mobile: 01792126635

**Dr. Md. Mubarak Hossain**  
MS (TS)  
Assistant Professor  
Mobile: 01711789564

**Dr. Md. Shariful Islam**  
MS  
Registrar  
Mobile: 01712082531

**Dr. Md. Nazmul Islam**  
Assistant Professor  
Mobile: 01911523076

**Dr. Md. Anamul Hoque**  
Registrar  
Mobile: 01712636412

**Dr. Md. Zahidul Islam**  
MS (TS)  
Assistant Professor  
Mobile: 01720266820

**Dr. Md. Ershad Hossain**  
FCPS  
Registrar  
Mobile: 01975151245

#### Department of Radiology & Imaging

**Professor Dr. A S M Zakir Hossain**  
M.Phil, MD  
Professor  
Mobile: 01711708839

**Dr. Sabina Akhter**  
MD  
Associate Professor  
Mobile: 01715003675

#### Department of Biochemistry

**Dr. Moitreyee Majumder**  
M.Phil  
Associate Professor  
Mobile: 01712109664

#### Department of Histopathology

**Dr. Nusrat Jahan**  
M.Phil  
Assistant Professor  
Mobile: 01755593904

**Dr. Mohammad Imran Hasan**  
MD  
Assistant Professor  
Mobile: 01712923033



### Department of Anestriology

**Dr. Md. Rezarul Hasan**

DA

Assistant Professor

Mobile: 01711181852

### Department of Blood Transfusion

**Dr. Zereen Mosfeqa Rahman**

DBT

Associate Professor

Mobile: 01714169651

### Department of Physical Medicine

**Dr. Sanjida Parvin**

FCPS

Assistant Professor

Mobile: 01911620771

## LIST OF DTCD SPECIALISTS OF NIDCH

### Course Started Since : 1966

#### July, 1966

Dr. Shamsul Ahsan Mahmood  
Dr. Zia Hasan

#### July, 1967

Dr. Altafuddin Sikder  
Dr. Syed Mahfuzul Hoque

#### July, 1968

Dr. Quazi Maglud-Al-Islam  
Dr. Md. Yasin Ali  
Dr. AHM Hasnul Karim

#### July 1969

Dr. Md. Abul Hossain  
Dr. Abul Qasem Syed Ahmed  
Dr. Khurshed Uddin Ahmed

#### July, 1971

Dr. Md. Mustafa Kamal  
Dr. Ashutush Datta

#### July, 1973

Dr. Md. Ataur Rahman Chowdhury  
Dr. A.S.M Jamilul Huq  
Dr. Sadhanendu Bikash Dutta  
Dr. Abu Mohammad Fazlul Kabir

#### July, 1974

Dr. Md. Khurshidul Islam  
Dr. A.KM. Rahimuddin Bhuiyan  
Dr. Abu Mohamnrad Imanuzzman.  
Dr. Malik Abdullah Harun

#### July, 1976

Dr. Md. Sohrab Ali  
Dr. Md. Taheruddin

#### July, 1979

Dr. Ashim Kumar Ghosh

#### July, 1980

Dr. Rezin Ahmed Siddique  
Dr. Bidyut Dutta Gupta  
Dr. Jibon Krishna Das  
Dr. A.S.M. Anwarul Quadir.

#### July, 1981

Dr. Mahtabuddin Ahmed.  
Dr. Md. Hidayetullah  
Dr. Md. Torab Ali

#### July, 1982

Dr. Mohammad Enamul Haque  
Dr. Md. Muslehuddin  
Dr. Abdul Hamid  
Dr. Iqbal Hasan Mahmood  
Dr. Md. Abdul Hamid  
Dr. Shamsun Nahar  
Dr. Altafuddin Ahmed.  
Dr. Abdul Wahab Tarafder  
Dr. AKM Mushfiqur Rahman Faruque  
Dr. Shafiuddin Mahmood Hussain  
Dr. Anwarul Azad

#### July 1983

Dr. Mahbubur Rahman Chowdhury  
Dr. Abdul Mutalib.  
Dr. Rakhai Chandra Barman  
Dr. Md. Rafiqul Islam.  
Dr. Md. Shahjahan Ali  
Dr. Mahbub Anwar  
Dr. Chandan Kumar Saha

#### January, 1984

Dr. Mostaque Ahmed Chowdhury  
Dr. Md. Abdul Wadud

**July, 1984**

Dr. S.A.M. Abdus Sabur  
Dr. Md. Manirul Islam  
Dr. Md. Muniruzzaman  
Dr. Farid Uddin Ahmed  
Dr. Md. Shahjahan Mahmood  
Dr. Md. Humayun Kabir

**July, 1985**

Dr. Md. Khalilur Rahman  
Dr. Md. Atiqur Rahman  
Dr. Noor Mohammad Abdul

**January, 1986**

Dr. Md. Abdul Berek  
Dr. Sajed Ahmed Siddique  
Dr. A.K.M. Kamal Uddin  
Dr. A.K.M. Shamsul Alam

**July, 1986**

Dr. Md. Nazrul Islam  
Dr. Md. Khurshid Alam Hyder  
Dr. Ahmed Abu Zafar  
Dr. Jahanara Begum  
Dr. Kazi Mustafa Sarwar  
Dr. Asif Mujtaba Mahmud  
Dr. Md. Sirajul Islam  
Dr. Md. Mizanur Rahman  
Dr. Md. Monzurul Huq  
Dr. Zannat-Ul-Ferdous

**July, 1987**

Dr. Laila Akhter  
Dr. Md. Soleman Siddique Bhuiyan  
Dr. ATM Akiluzaman  
Dr. Bikash Ch. Tarafder  
Dr. Gobinda Ch. Biswas  
Dr. Md. Shah Alam  
Dr. Minhaj Rahim Chowdhury  
Dr. Md. Azizur Rahman  
Dr. Mir Mohammad Ali

**January, 1988**

Dr. Syed Noor Afroz Ashraf Jamil  
Dr. Jakey Uddin Ahmed Patwari

**July, 1988**

Dr. Syed AKM Salahuddin.  
Dr. Mohammad Hasibur Rahman  
Dr. Md. Jalaluddin.  
Dr. Md. Abul Quasem  
Dr. Mohammad Safiuddin  
Dr. Md. Habibur Rahman  
Dr. Sk. Lutfur Rahman  
Dr. Md. Jahirul Hoque  
Dr. Mirza Nizamuddin

**January, 1989**

Dr. Md. Mahfuzul Haque  
Dr. Mahmudul Huq Choudhury.

**July, 1989**

Dr. Md. Minhajul Islam  
Dr. Parimal Sarker  
Dr. Suvesh Raj Kayesta (Nepal)  
Dr. Sarder Md. Mahmood Ali  
Dr. Md. Abdul Awal Mia.  
Dr. Md. Shafiqur Rahman.  
Dr. Sk. Abdul Kader  
Dr. A.KM Abul Hossain

**January, 1990**

Dr. Kh. Abul Hashem  
Dr. Md. Wasim Hossain  
Dr. Kallayan Kumar Podder  
Dr. Md. Hafizur Rahman Khan.  
Dr. Anowara Khatun  
Dr. Md. Gularn Mustafa.  
Dr. Nasimul Haque  
Dr. A.KM. Shamsuzzoha Khandaker  
Dr. ATM. Bakeater Ahmed Bhuiyan  
Dr. Z.M. Zahirul Islam

**July, 1990**

Dr. Md. Wahiduzzaman  
Dr. Khondaker Rafi Ahmed  
Dr. Mashud Zia Chowdhury  
Dr. Mahfuzur Rahman  
Dr. Md. Mamunur Rashid  
Dr. Md. Siddiqur Rahman

**January, 1991**

Dr. Mohammad Hasanuzzaman  
Dr. A.S.M. Fakhrul Ahsan  
Dr. Md. Mizanur Rahman  
Dr. Ratan Ch. Saha  
Dr. Rabindra Ch. Mitra  
Dr. Abu Md. Khairul Kabir  
Dr. Md. Rafiqul Islam

**July, 1991**

Dr. Md. Atahar Hossain  
Dr. Nasrin Huq  
Dr. Moha. Qamrul Hasan  
Dr. Mahbubul Islam.  
Dr. Md. Firozur Rahman  
Dr. Md. Liaquat Ali Mollah  
Dr. Kanaya Bahadur Sheresta (Nepal.)  
Dr. Khaled Hossain (Nepal)  
Dr. Md. Rahmat Ullah Khan

**January, 1992**

Dr. Ahmed Hossain  
Dr. Md. Masudur Rahman  
Dr. Md. Sayeedul Islam  
Dr. Nabin Raj Basnet (Nepal)  
Dr. Monsontush Ch. Mullick  
Dr. Md. Abdul Jalil Sarder  
Dr. A.K.M. Mustafa Hossain

**July, 1992**

Dr. Md. Shah Ali Mia  
Dr. Md. Shah Alam  
Dr. Sakil Gafur

Dr. Md. Nurul Akhtar  
Dr. Abu Md. Zahurul Islam  
Dr. Abdur Rob Howlader  
Dr. Md. Ibrahim Khalilullah  
Dr. Mist. Halima Khatun  
Dr. Md. Saiful Quddus  
Dr. Abdur Rashid  
Dr. A.S.M. Iftekharul Islam  
Dr. Profulla Ch. Nath Talukder  
Dr. Nure Alam Siddique

**January., 1993**

Dr. Mahmud Hossain Khan  
Dr. Md. Atiqur Rahman  
Dr. Saifuddin Chwodhury  
Dr. Md. Mukhlesur Rahman  
Dr. Jamal Uddin Ahmed  
Dr. Md. Atiqul Hoque  
Dr. Selima Khanam

**July, 1993**

Dr. Ujjal Kanti Das  
Dr. Md. Ajjarul Haque  
Dr. Shah Mohammad Saiful Islam  
Dr. Md. Saiful Islam  
Dr. Rowshni Jahan  
Dr. Ahmed Ali Akond  
Dr. Sk. Yunus Ali  
Dr. Rownakul Islam  
Dr. Munshi Abdul Jalil

**January, 1994**

Dr. Biswas Akter Hossain  
Dr. Khalida Begum  
Dr. Moksud Ahmed  
Dr. Komol Kiron Proadhan

**July, 1994**

Dr. Bashir Ahmed  
Dr. A F M Hafjul Bari Khan  
Dr. Rashad Amin

**January, 1995**

Dr. Md. Jahidul Islam  
Dr. Tarafdar Md. Mostaba Ali  
Dr. A K M Razaul Karim

**January, 1996**

Dr. Md. Asraful Kabir  
Dr. Md. Nijam Uddin  
Dr. Tara Man Amatta

**January, 1997**

Dr. Md. Naowab Tahsin Uddin  
Dr. Imam Uddin Ahmmed  
Dr. Md. Jahidul Islam  
Dr. Md. Kader Narsing KC

**January, 1998**

Dr. Vikarunnesa Begum  
Dr. Md. Shamsul Huda  
Dr. Kazi Saifuddin Bennoor

**July, 1999**

Dr. Khandokar Asaduzzaman  
Dr. Md. Razaul Bari

**January, 2001**

Dr. Md. Abdul Motaleb Chowdhury  
Dr. Md. Shafiqul Islam  
Dr. Nion Anopom Monsi

**July, 2001**

Dr. Barkat Ullah  
Dr. Md. Naimul Haque  
Dr. Uttam Kumar Baruya

**July, 2002**

Dr. Mahmud Masum Atter  
Dr. Madusudan Pal  
Dr. Syed Razaul Hoque  
Dr. Lutful Karim  
Dr. A A M Jahurul Islam

**January, 2003**

Dr. Narayan Chanda Datta  
Dr. Md. Shah Naowas  
Dr. Md. Ziaul Karim  
Dr. Paritos Kumar Chowdhury  
Dr. Abu Raihan  
Dr. Moydul Hoque  
Dr. Majbahul Karim Rubel

**July, 2003 BSMMU**

Dr. Nihar Ranjan Sarker  
Dr. Mrinal kanti Das  
Dr. Shahinur Hossain  
Dr. Shahedul Islam Bhuiyan

**July, 2003 : DU**

Dr. Rafat Latif  
Dr. Mahbubur Rahman  
Dr. A T M Jayadur Rahim Jahid  
Dr. A F M Resatul Islam  
Dr. Krisna Sarup Datta  
Dr. Amar Biswas

**July, 2004**

Dr. Md. Sarowar Hossain  
Dr. Md. Mahbub Alam Siddique  
Dr. Jalal Mohsin Uddin

**January, 2005**

Dr. Md. Abdul Khaleque  
Dr. Md. Farhad Hossain  
Dr. Md. Alamgir

**July, 2005**

Dr. Md. Kamruzzaman  
Dr. Asraful Mamun

**January, 2007**

Dr. Syed Golam Gaosal Azam Kadri  
Dr. Salma Akter  
Dr. S M A Julker Naim  
Dr. Abu Salah Md. Akram Uddin

**January, 2008**

Dr. Mostafizur Rahman  
Dr. Mostafa Nur Morshed  
Dr. Saifuddin Alamgir  
Dr. A B M Anowarul Alam  
Dr. Md. Abdul Mannan  
Dr. Md. Akhlas Uddin Chowdhury

**January, 2009**

Dr. Md. Monowarul Islam Bhuyan  
Dr. Rafiq Ahmed

**July, 2009**

Dr. S M Abdur Razzaque  
Dr. Tamanna Nur  
Dr. Abdullah Al Mojahed  
Dr. Mohammad Ahsanuzzaman Khan  
Dr. Md. Asraful Islam  
Dr. Abdul Gafur

**January, 2010 : DU**

Dr. Mahfuj Ahmed Chowdhury  
Dr. S. M. Moinul Hoque  
Dr. Rabeka Sultana  
Dr. Hena Khatun

**July, 2010 : DU**

Dr. Md. Masuduzzaman

**January, 20 11 : DU**

Dr. K. M. Monjorul Alalm  
Dr. Nihar Ranjan Saha  
Dr. Mohammad Abdul Mannan  
Dr. A B M Farhan Imteaj  
Dr. Md. Zakaria Mahmood  
Dr. Mirza Mohammad Idres Ali  
Dr. Bijoy Kisna Das  
Dr. M.N.A. Al Mehde  
Dr. Md. Rezaul Islam  
Dr. Mohammad Asaduzzaman Khan

Dr. Mohammad Morad Hossain  
Dr. Mohammad Mosharaf Hossain  
Dr. Mohammad Nazmul Alaml Khan

**July, 2011 : DU**

Dr. Gopash Ranjan Ray  
Dr. Syed Abu Ahmmed Shafi  
Dr. Rafat Moslemin  
Dr. Mohammad Shafiqul Islam

**July, 2011 : BSMMU**

Dr. Mohammad Ashif Iqbal  
Dr. Md. Rafiqul Islam Sardar  
Dr. Md. Serazul Islam  
Dr. Muhammad Billal Hossain  
Dr. Bipul Kanti Biswas  
Dr. A.K.M. Badrul Ahsan  
Dr. Md. Didar Rasul  
Dr. Md. Rubayet Siraj  
Dr. Khondoker Hasan Al Hudaibi

**July, 2012 : BSMMU**

Dr. Farhana Zaman  
Dr. Mohammad Moshir Rahman  
Dr. Abul Kalam Mohammad Mohiuddin  
Dr. Md. Alamgir Kabir  
Dr. Md. Anisur Rahman  
Dr. Muhammad Asaduzzaman Biswas  
Dr. Muhammad Abdul Malek  
Dr. Sadi Abdullah

**January, 2013 : BSMMU**

Dr. Md. Shamsur Rahman  
Dr. Tauhid Hasan Shah Chowdhury

**July, 2014 : BSMMU**

Dr. A. F. M. Abdul Hoque  
Dr. Md. Rezaul Rahman

**July, 2014 : DU**

Dr. Subrata Kumar Gain

**January, 2015 : BSMMU**

Dr. Md. Azharul Islam

Dr. Ashek Ullah

Dr. Anarul Islam

**January, 2015 : DU**

Dr. Md. Hedayetul Islam

**January, 2019 : BSMMU**

Dr. Md. Sazzat Hassan Shubha

Dr. Merazul Alam

Dr. Tanveer Ahmed Chowdhury

Dr. Qazi Md. Jannatul Azhar

**July, 2015 : BSMMU**

Dr. Nurul Baser Siddique

Dr. Abu Sadat Rezon

Dr. Mashrura Haq

Dr. Mohammad Delwar Jahan Khan

Dr. Snehashis Nag

Dr. Sanjoy Kumar Kar

Dr. Md. Sadekur Rahman

**July, 2020 : BSMMU**

Dr. Tareq Mahmud Rakib

Dr. Mahmud Ullah

Dr. Mohammad Jamil Akther

Chodhury

Dr. Md. Noor-A-Alam Khan

Dr. Palash Kumar Podder

Dr. Ujjal Kumar Saha

Dr. Moshiul Alam

**January, 2017 : BSMMU**

Dr. Md. Shahidul Islam

**July, 2018 : BSMMU**

Dr. Safayet Ahmmed

Dr. AKM Faizul Huq

Dr. Abdullah Al Masud

Dr. ASM Fateh Akram

Dr. Abu Hena Md. Raihanuzzaman

**July, 2019 : BSMMU**

Dr. M. A Sayeed Leon

Dr. Mohammad Shajjat ul Islam

Dr. Md. Iftekhharul Alam

Dr. Md. Ahsanul Islam

Dr. Md. Moklesur Rahman

Dr. Kazi Mohammad Monir Hossain

Dr. S. M Sharif-ul-Kabir Chowdhury

Dr. S. M Golam Sarwor

**January, 2016 : BSMMU**

Dr. Golam Farhad Zilani

Dr. SMS Arifin Khan

**July, 2016 : BSMMU**

Dr. Abdullah Al Hasan

Dr. Kazi Nazmul Islam

Dr. Mohammad Amir Hossain Miah

Dr. Tanjin Masuma Khan

**July, 2021 : BSMMU**

Dr. Riashad Mahbub

Dr. Rajon Das

Dr. Muhammad Abdul Baees

Dr. Reza Mahmudul Hassan

Dr. Amit Chatterjee

Dr. Md. Mokhlesur Rahman

**July, 2017 : BSMMU**

Dr. Palash Kumar Das

Dr. Md. Arman Faisal

Dr. Sultana Shahinur Momotaz

Dr. Mohammad Mahmudul Hasan

Dr. Md. Abdus Sattar

**January, 2022 : BSMMU**

Dr. Shovon Rahut

Dr. Tasnia Hassan

**LIST OF MD (CHEST DISEASE)  
QUALIFIED SPECIALISTS OF NIDCH  
Course Started Since - 1993**

**July, 1995**

Dr. Md. Rashidul Hassan  
Dr. Md. Ali Hossain

**July, 1997**

Dr. Md. Sayedul Islam

**January, 1999**

Dr. Mirza Mohammad Hiron  
Dr. Mohiuddin Ahmad

**July, 1999**

Dr. Md. Khairul Hassan Jessy

**January, 2000**

Dr. Md. Solaiman Siddique Bhuiyan  
Dr. Md. Mahbub Anwar

**July, 2000**

Dr. Md. Abdul Qayyum  
Dr. Md. Shamsul Arefin Khan

**January, 2001**

Dr. Shah Md. Saifur Rahman

**July, 2001**

Dr. Md. Abur Rouf  
Dr. Abdur Rob Haolader  
Dr. Md. Atiqur Rahman

**January, 2002**

Dr. Samir Chanda Majumdar  
Dr. Md. Rafiqul Alam  
Dr. Mohammad. Atiqur Rahman  
Dr. Saifuddin Chowdhury

**July, 2002**

Dr. Md. Zakir Hossain Sarker  
Dr. Syed A. K. M Salahuddin  
Dr. Md. Abu Hasnat

**January, 2003**

Dr. Khairul Alam Mollik  
Dr. Md. Delwar Hossain  
Dr. Abdullah Al Mamun

**July, 2003**

Dr. Md. Abdus Shakur Khan  
Dr. K.C. Ganguly  
Dr. Bachchu kumar Bose

**July, 2004**

Dr. Mohammad Murtaja Khair  
Dr. Adnan Yousuf Chowdhury

**January, 2005**

Dr. Md. Azizul Hoque  
Dr. Md. Delowar Hossain  
Dr. Md. Arif Ahsan  
Dr. S. A. H. M. Mesbaul Islam

**July, 2005**

Dr. Mahbube Khuda  
Dr. Md. Rafiqul Bari  
Dr. Moslem Uddin

**January, 2006**

Dr. Shamim Ahmed  
Dr. Rajashish Chakrabarty  
Dr. Golam Sarwar Liaquat Hossain Bhuiyan  
Dr. Arif Mahmud



**July, 2006**

Dr. A. K. M. Mustafa Hussain

**January, 2007**

Dr. Mahmud Rahim  
Dr. Md. Mamunur Rashid

**January, 2008**

Dr. Ahmed Zainuddin Sani  
Dr. Dabashis kumar Gupta  
Dr. Aminul Islam

**July, 2008**

Dr. Dewan Ajmal Hossain  
Dr. Abul Kalam Azad  
Dr. Rokeya Sultana

**January, 2009**

Dr. Md. Ilias

**July, 2009**

Dr. Masum Ahmed  
Dr. Md. Rustom Ali

**January, 2010 : DU**

Dr. Md. Ferdous Wahid  
Dr. Md. Rezaul Islam

**July, 2010 : DU**

Dr. Tanvir Iqbal IBN Ahamed

**July, 2010 : BSMMU**

Dr. Shimul Kumar Bowmik

**January, 2011 : DU**

Dr. Md. Abdullahel Kafi  
Dr. Syed Rezaul Hoque  
Dr. Soroj Kanti Chowdhury  
Dr. Rowshne Jahan  
Dr. Kazi Fauzia Afrin

**July, 2011 : DU**

Dr. Fatema Halale  
Dr. Mohammad Tawfiq Hasan  
Dr. Jibash Kumar Pramanik  
Dr. Md. Khairul Anam  
Dr. Nirmal Kanti Sarkar  
Dr. D.S.M Zakir Hossain  
Dr. Habib Uddin Ahmed

**January, 2012 : DU**

Dr. Tapash Bose

**July, 2012 : DU**

Dr. Kamruzzaman Md. Zahir

**January, 2013 : DU**

Dr. Md. Ashadur Rahman  
Dr. Fazle Rabbi Mohammed  
Dr. Md. Haroon ur Rashid  
Dr. Rawshan Arra Khanam

**July, 2013 : DU**

Dr. Md. Alauddin  
Dr. Md. Shahen  
Dr. Sanchay Kumar Biswas  
Dr. Jiban Nesa  
Dr. Md. Mostafizur Rahman

**January, 2014 : DU**

Dr. Muhammad Touhidul Islam Khan

**July, 2014 : DU**

Dr. Pulak Kumar Dey

**January, 2015 : DU**

Dr. Muhammad Fazlee Kibria Chowdhury  
Dr. Md. Hasanur Rashid  
Dr. Bijoy Pada Gope  
Dr. Shamima Akter  
Dr. Mir Iftekhar Mostafiz  
Dr. Md. Meer Mahbubul Alam

**July, 2015 : DU**

Dr. Md. Rezaul Haque

**January, 2016 : DU**  
Dr. Sk. Shahinur Hossain

**July, 2016 : DU**  
Dr. Md. Touhiduzzaman  
Dr. Md. Masudur Rahman  
Dr. Md. Hosna Sadat Patwary

**January, 2017 : BSMMU**  
Dr. Hena Khatun  
Dr. Mustafijur Rahman

**January, 2017 : DU**  
Dr. Md. Amanullah Chowdhury

**July, 2017 : BSMMU**  
Dr. Sadeya Afreen  
Dr. Abdullah Al Mujahid

**July, 2017 : DU**  
Dr. Mohammad Ruhul Alam  
Dr. Subhashish Dey

**January, 2018 : BSMMU**  
Dr. Samprity Islam

**July, 2018 : BSMMU**  
Dr. Mohammad Sana Ullah Sarker  
Dr. Goutam Sen  
Dr. Md. Atiqur Rahman

**January, 2018 : DU**  
Dr. Mahabubur Rahman  
Dr. Monoranjan Roy

**July, 2018 : DU**  
Dr. Ahmed Tareq Shams Chowdhury  
Dr. Md. Shahjada Tabrez  
Dr. Nubaron Biswas  
Dr. Md. Jamil Reza Chowdhury

**January, 2019 : BSMMU**  
Dr. Kazi Mohammad Ariful Kabir  
Dr. Rajib Kumar Saha

Dr. Md. Hafizur Rahman Khan  
Dr. Biswajit Kumar Biswas

**January, 2019 : DU**  
Dr. Shah Syed Md. Iqbal Huda

**July, 2019 : BSMMU**  
Dr. Kh. Mustaq Adnan  
Dr. H. M. Aminur Rashid

**January, 2020 : DU**  
Dr. Mohammed Kamrul Hasan

**July, 2020 : BSMMU**  
Dr. Dilruba Yeasmin  
Dr. S.M. Masuduzzaman  
Dr. Md. Delwar Hossain

**January, 2021 : DU**  
Dr. Alok Kumar Sarker  
Dr. Aminul Islam  
Dr. Md. Jahedul Islam  
Dr. Mohammad Shahjahan Siddike Shakil  
Dr. Mohammad Ezazul Karim  
Dr. Prodip Kumar Sarkar

**July, 2019 : DU**  
Dr. Md. Lutfor Rahman  
Dr. Mohammad Didarul Alam  
Dr. Md. Mehedi Hasan  
Dr. Mahmuda Begum  
Dr. A. K. M Fahmid Noman

**January, 2021 : BSMMU**  
Dr. Mohammad Mostafizur Rahman

**July, 2021 : BSMMU**  
Dr. Md. Mamun-or-Rashid  
Dr. Chitta Ranjan Paul  
Dr. Mohammad Nazmul Hasnine Nawshad

**July, 2021 : DU**  
Dr. Muhammad Nasir Uddin  
Dr. Muhammad Humayoun Kabir

**LIST OF MD (PULMONOLOGY)  
PHASE-B QUALIFIED SPECIALISTS OF NIDCH :  
Course Started Since - 2014**

**January, 2019 BSMMU**

Dr. Arjuman Sharmin

**July, 2019 BSMMU**

Dr. Syed Nesar Ahmed

**January, 2020 BSMMU**

Dr. K. M. Monjurul Alom

Dr. Titap Kumar Bala

Dr. Md. Mofazzal Haider Siddique

Dr. Md. Sanwar Nawaz Khan

Dr. Romal Chowdhury

Dr. Mohammad Ashik Imran Khan

Dr. Sk. Shamsuzzaman

Dr. Tazrin Farhana

**January, 2021 : BSMMU**

Dr. Mohammad Zannatul Rayhan

**July, 2021: BSMMU**

Dr. Shamima Nasrin

Dr. Md. Habibur Rahman

Dr. S. M. Ashrafuzzaman Shojib

Dr. Prottush Kumar Mondol

Dr. Md. Rashedul Hasan

Dr. Shaifuddin Mohammad Khaled

Dr. Leema Saha

Dr. Salahuddin Anach

Dr. Debashish Dhar

Dr. Sadia Sultana Resma

Dr. Bulbul Parvin

Dr. Md. Masuduzzaman

Dr. Ashok Kumar Bhowmick

Dr. Mohammad Emran Hossain

Dr. Manal Mizanur Rahman

**LIST OF MS (THORACIC SURGERY)  
QUALIFIED SPECIALISTS OF NIDCH:  
Course Started Since - 1999**

**July, 2004**

Manabendra Biswas

**July, 2005**

AKM Akramul Haque  
Anwarul Anam Kibria

**July, 2006**

Dr. Md. Shahedur Rahman Chowdhury  
Dr. Md. Yasin

**January, 2007**

Dr. Md. Kamrul Islam  
Dr. Md. Akhter Hamid  
Dr. Osman Goni

**January, 2008**

Dr. Syed Aminul Haque  
Dr. Mofizur Rahman Mia

**July, 2008**

Dr. Kazi Saiful Islam

**January, 2010: DU**

Dr. Mosharraf Hossain  
Dr. Gazi Md. Jakir Hossain

**July, 2011: DU**

Dr. Md. Delwar Hossain

**January, 2012 : BSMMU**

Dr. Khan Nazmul Haque

**July, 2012: DU**

Dr. Md. Abdur Rahim

**July, 2012: DU**

Dr. Md Mubarak Hossain

**January, 2013: DU**

Dr. Md. Zakir Hossain Bhuiyan

**January, 2014: BSMMU**

Major Dr. Md. Neazul Islam Majumdar

**July, 2014: DU**

Dr. Md. Nazmul Islam

**January, 2015: DU**

Dr. Md. Zahidul Islam

**January, 2019: DU**

Dr. Md. Ershad Hossain

**July, 2020: BSMMU**

Dr. Rajib Banik

**LIST OF MS (THORACIC SURGERY)  
PHASE B QUALIFIED SPECIALISTS OF NIDCH :  
Course Started Since - 2015**

**January, 2021: BSMMU**

Dr. Mohammad Mashukur Rahman Chisty

**LIST OF FCPS (PULMONOLOGY) QUALIFIED**

**July, 2009**

Lf. Col. Dr. Azizur Rahman

**January, 2018**

Dr. Md. Moshinur Rahman

**January, 2012**

Dr. S.M. Lutfar Rahman

**July, 2018**

Dr. Md. Shafiul Islam

**July, 2012**

Lf. Col. Dr. Md. Kabir Uddin

**January, 2021**

Dr. Md. Shakhawat Hossain

**July, 2013**

Dr. Jalal Moshin Uddin

**LIST OF FCPS (THORACIC SURGERY) QUALIFIED**

**January, 2009**

Lf. Col. Dr. Shahinur Rahman

**July, 2015**

Lf. Col. Dr. Md. Shahadat Hossain

**Up to July-2021**

MD (Chest Disease)	- 142
MD (Pulmonology)	- 11
MS (Thoracic Surgery)	- 23
DTCD	- 375
FCPS (Pulmonology)	- 07
FCPS (Thoracic Surgery)	- 02

## **THE TEACHING PROGRAMME OF NATIONAL INSTITUTE OF DISEASES OF THE CHEST AND HOSPITAL**

Diploma in Tuberculosis and Chest Diseases (DTCD) of the University of Dhaka

The object of the teaching programme is to provide our medical graduates with facilities to acquire adequate specialized knowledge in Tuberculosis and diseases of Chest. The country is in need of specialists in this field of medicine. NIDCH has produced 270 specialist including 4 foreign specialist in this field till now.

The course is arranged by the National Institute of diseases of the Chest and Hospital, with due care so as to cover tuberculosis in all aspects and the diseases of the Chest. The programme is broad based; besides clinical subjects it provides instruction on basic medical science and medical statistics. The course extends over one academic year. Theoretical lectures and practical classes are arranged in the class rooms of the Institute. For clinical work the students are attached to clinical units; of the Institute, where they work under the guidance of the unit chief. For practical work in prevention and control of tuberculosis, students are attached to Tuberculosis Control and Training Institute, where they work under guidance and supervision of the Project Director of the said Institute.

### **Doctor of Medicine Chest (MD) of the University of Dhaka**

The Course is organized by the National Institute of diseases of the Chest and Hospital. The course is divided into three parts and classes for Part-1 are held in DMCH. Classes of Part-II are organized by DMCH and NIDCH. Classes for Part-III are organized by NIDCH.

### **Procedure for admission into the course**

Applications are invited for admission into the courses of the Institute in national news papers by the Director and the candidates are to apply accordingly. For DTCD course applications are invited in April (July session) and for MD courses in October (January session). Application forms are available from the office of the Director on a cash payment of 5000.00 (Five Thousand Taka) only for each application form which is non refundable. Candidates are to apply in

the prescribed application forms along with the documents demanded to the Director before the expiry of the last date of receiving the application form. The Government doctors have to apply through proper channel but they may sent an advance copy of the application.

**Selection of the candidates:**

Candidates for admission into the courses are selected absolutely on merit basis. All the candidates are to appear initially in a written examination held at BSMMU on specific date. Candidates qualifying are allowed to appear for a viva-voce examination. Candidates are selected on the basis of combined results of the written and viva examination.

**Students accommodation:**

A dormitory type accommodation for 20 students are available in the Institute but unfortunately no accommodation is available for the female students. No accommodation is available for the dependents/ Spouses of students.

**Provision for foreign and private students;**

The majority of the students admitted into NIDCH are government deputed doctors. However, foreign and private medical doctors can be admitted subject to fulfillment of the certain requirements. Foreign students enroll here through respective Mission, Embassy and WHO in Bangladesh as per rules laid down by the Government. Private students are admitted on self-finance basis.

**Residency Program  
Doctor of Medicine (MD)  
Curriculum (Phase-B)**

**PULMONOLOGY**

**1. Introduction:**

**1.1. Overview of the Speciality**

The speciality of Pulmonology developed as a sub-specialization of physicians who are predominantly concerned with the care of patients with respiratory disorders. It is a branch of internal medicine concerned with prevention, intervention, investigation and therapy and research into diseases involving the respiratory system. Care of patients with respiratory disorders embraces a wide range of clinical activities and respiratory physicians need a broad view of the respiratory needs of individual patients and the communities in which they live including an understanding of any prevailing healthcare inequalities. This requires knowledge of not only the diagnostic and therapeutic modalities available, but also an appreciation of the importance of the epidemiology and potential for prevention of respiratory diseases.

Although pulmonology is generally stereotyped and highly practical skill based medical speciality, with invasive and interventional skills as high-profile components of the workload, competence in other areas of practice such as respiratory clinical pharmacology and respiratory imaging are equally important. Indeed the expert clinical management of patients with respiratory failure, pulmonary hypertension, use of Non-Invasive Ventilation (NIV) as rewarding as the quasi surgical skills demanded of the pulmonary interventionist. Respiratory physicians generally work as hospital based specialists and need to integrate their work with not only community based primary care colleagues but also other hospital based physicians. e.g. critical care specialist, ENT surgeons, as well as working closely with Thoracic surgeons and anesthesiologists and the imaging specialties, e.g. radiology and nuclear medicine. Sub-specialization within Pulmonology has become common place with individuals focusing the development of their expertise in areas such as pulmonary intervention, Sleep medicine specialist, respiratory failure and pulmonary hypertension.



## **1.2. Pulmonology Residency Program**

Residents will undertake a three year intensive Phase B training after completion of Phase A training in order to achieve the levels of knowledge, skills and expertise required for clinical practice in the field of respiratory medicine. It is a competency-based program emphasizing on meaningful integration and contextualization. The two years phase A training program is designed to introduce and develop the broad range of core knowledge, skills, attitudes and behaviours required to become a competent physician. The knowledge and skills acquired during Phase A training are further focused and refined during Phase B training, which is a 3 year speciality-specific training in Pulmonology.

The teaching, learning and assessment of the curriculum is facilitated by the provision of comprehensive, educationally oriented supervision and support, which is provided to all trainees across both the phases of the program.

## **2. Goals and objectives:**

### **2.1. Overall Goals**

1. To prepare respiratory physicians who would be able to meet and respond to the changing healthcare needs and expectation of the society.
2. To develop respiratory physicians who possess knowledge, skills and attitudes that will ensure that they are competent to practice respiratory medicine, safely and effectively.
3. To ensure that they have appropriate foundation for lifelong learning and further training in their speciality.
4. To help them develop to be critical thinkers and problem solvers when managing health problems in the community they serve.

### **2.2. General Objectives:**

The educational and training process aims to produce respiratory physicians who:-

- Can address all aspects of the healthcare needs of patients and their families
- Maintain the highest standards appropriate in their professional field

- Are aware of current thinking about ethical and legal issues
- Are able to act as safe independent practitioners whilst recognizing the limitation of their own expertise and are able to recognize their obligation to seek assistance of colleagues where appropriate
- Are aware of the procedures, and able to take appropriate action, when things go wrong, both in their own practice and in that of others
- Will be honest and objective when assessing the performance of those they have supervised and trained
- Can take advantage of information technology to enhance all aspects of patient care
- Can develop management plans for the "Whole patient" and maintain a knowledge in other areas of medicine which impinge on the speciality of Pulmonology.
- Understand that more effective communication between them and their patients can lead to more effective treatment and care
- Apply appropriate knowledge and skill in the diagnosis and management of patients
- Establish a differential diagnosis for patients presenting with medical problems by the appropriate use of the clinical history, examination and investigations
- Are competent to perform the core investigations and procedures required in their specialties.
- Develop clinical practice which is based on an analysis of relevant clinical trials and to have an understanding of their research methodologies
- Are able to apply the knowledge of biological and behavioral sciences in clinical practice
- Are able to identify and take responsibility for their own educational needs and the attainment of these needs
- Have developed the skills of an effective teacher

### **3. Admission Requirements for Phase B Training:**

- A. Residents who has successfully completed Phase A training and passed Phase A Final Examination are eligible for enrolment in the Phase B program.

- B. Candidates with FCPS/MD in Internal Medicine can be enrolled directly into Phase- B of the residency program

#### **4. Phase B Curriculum structure:**

The training is designed to develop both the generic and speciality-specific attributes necessary to practice independently as a consultant respiratory physicians. The aim is to train individuals to provide the highest standard of service to patients with respiratory disorders. This includes the development of positive attitudes towards lifelong learning and the ability to adopt to future technological advances and the changing expectations of society.

##### **4.1. Phase B: Pulmonology Speciality Training:**

In-depth speciality-specific educational and training program in this phase will make the resident competent and prepare them for the speciality qualification. It will provide educational program covering the speciality of Respiratory Medicine and its subspecialties, Biostatistics, Research Methodology and Medical Education along with rotation specific clinical training.

##### **4.2. Expected outcome sat the completion of the Phase B Program:**

Resident of this training program will be equipped to function effectively within the current and emerging professional, medical and social contexts. At the completion of the training program in Pulmonology, as defined by this curriculum, it is expected that a new Respiratory specialist will have developed the clinical skills and have acquired the theoretical knowledge for competent practice in the field of Pulmonology. It is expected that a new Respiratory specialist will be able to

- Utilize effective communication with patients and their families and with professional colleagues
- Be devoted to life long learning
- Be equipped to manage both acute and chronic respiratory diseases
- Identify the path of physiology and manifestations of respiratory diseases and modern therapeutics, which can be applied to patient diagnosis and management
- Apply appropriate skills to perform necessary diagnostic and therapeutic decisions

- Demonstrate a capacity to rationally analyze clinical data and published work
- Demonstrate an understanding of and commitment to the role of research in advancing medical care of respiratory disease
- Develop a commitment to compassionate, ethical professional behavior
- Identify respiratory medicine related health issues of importance to the community and contribute constructively to debate about those issues
- Apply primary and secondary prevention strategies in respiratory disease

## **5. Teaching and Learning Methods:**

The bulk of learning occurs as a result of clinical experiences (experiential learning, on-the-job learning) and self-directed study. The degree of self-directed learning will increase as trainees become more experienced. Teaching and learning occurs using several methods that range from formal didactic lectures to planned clinical experiences. Aspects covered will include knowledge, skills and practices relevant to the discipline in order to achieve specific learning outcomes and competencies. The theoretical part of the curriculum presents the current body of knowledge necessary for practice. This can be imparted using lectures, grand teaching rounds, clinico-pathological meetings, morbidity/mortality review meetings, literature reviews and presentations, journal clubs, self-directed learning, conferences and seminars.

## **6. Record of Training:**

The evidence required to confirm progress through training includes:

- Details of the training rotations, the training plan agreed with weekly timetables and duty rosters; and numbers of practical procedures and outcomes
- Confirmations of attendance at events in the educational program, at departmental and inter-departmental meetings and other educational events.
- Confirmation (certificates) of attendance at subject based/ skills- training/ instructional courses

- A properly completed logbook with entries capable of testifying to the training objectives which have been attained and the standard of performance achieved.
- CME activity
- Supervisor's report on Observed performance (in the workplace): of duties, practical procedures of presentations made and teaching activity; of advising and working with others, of standards of case notes, correspondence and communication with others.

### **6.1. Logbook:**

Residents are requested to maintain a Logbook in which entries of academic/ professional work done during the period of training should be made on daily basis and signed by the supervisor completed and duly certified logbook will form a part of the application for appearing in Phase B Final examinations.

## **7. Research:**

Development of research competencies forms an important part of the Residency program curriculum as they are an essential set of skills for effective clinical practice undertaking research helps to develop critical thinking and the ability to review medical literature. Every Resident shall carry out work on an assigned research project under the guidance of a recognized supervisor; the project shall be written and submitted in the form of a Thesis/Research Report.

## **8. Assessment:**

The assessment for certification of the MD degree of the University is comprehensive, integrated and phase-centered attempting to identify attributes expected of specialists for independent practice and lifelong learning and covers cognitive, psychomotor and affective domains. It keeps strict reference to the components, the contents, the competencies and the criteria laid down in the curriculum. Assessment includes both **Formative Assessment and Summative (Phase final) Examinations.**

### **8.1.1. End of Block Assessment (EBA):**

End of Block Assessment (EBA) is a periodic formative assessment and is undertaken after completion of each training block, assessing knowledge, skills and attitude of the residents. Components of EBA are written examination, structured clinical Assessment (SCA), medical record review, and logbook assessment. Unsatisfactory block

training must be satisfactorily completed to be eligible for phase final examination

### **8.1. Formative Assessment:**

Formative assessment will be conducted throughout the training phases. It will be carried out for tracking the progress of residents, providing feedback, and preparing them for final assessment (Phase completion exams).

There will be Continuous (day-to-day) and Periodic type of formative assessment.

- Continuous (day-to-day) formative assessment in classroom and workplace settings provides guide to a resident's learning and a faculty's teaching / learning strategies to ensure formative lesson / training outcomes.
- Periodic formative assessment is quasi-formal and is directed to assessing the outcome of a block placement or academic module completion. It is held at the end of Block Placement and Academic Module Completion. The contents of such examinations include Block Units of the Training Curriculum and Academic Module Units of the Academic Curriculum.

8.1.2. Formative assessment for Academic modules for Biostatistics and Research Methodology and Medical Education to be done in the first nine months of Phase B training. Residents getting unsatisfactory grade must achieve satisfactory grade by appearing the re-evaluation examination to be eligible for the Phase B Final Examination.

### **8.2. Summative Examination:**

Assessment will be done in two broad compartments.

- a) Compartment A:** Consist of 3 (three) components.
1. Written Examination (Consists of 2 papers).
  2. Clinical Examination (One long and four short cases).
  3. SCA and Oral (10 stations SCA. Oral one board consisting of 2 examiners).

Every Resident must pass all the 3 components of compartment-A separately. Candidates will be declared failed if he/she fails in one or

more component (s) of the examination. He/she then have to appear all the 3 components in the next Phase B Final Examination.

**b) Compartment B:** Thesis and Thesis defense.

### **8.2.1. Written Examination:**

Two Papers: Contents of written papers listed in Annexure II  
Question type and marks:

- Two Papers (Paper I and Paper II); 100 marks each; Time 3 hrs for each paper. Pass marks-60% of total of 2 papers.
- Each paper will consist of Two Groups:
- Group A:
  - 10 short questions (5 marks each)
  - These will assess the knowledge of different level and its application
- Group B:
  - 5 scenario based problem solving questions (10 marks for each).
  - The questions should focus to assess the capability of handling clinical problem independently and comprehensively as a specialist.
  - Suggested format:-
  - A scenario followed by question(s).
  - Questions may include diagnosis, differential diagnosis, investigation plan, treatment, follow up and patient education.

### **8.2.2. Clinical Examination: Long case and Short case:**

- There will be one long case and four short cases.
- i) Long case: Marks-100
  - Directly observed
  - Two examiners for each examinee.
  - History taking and examination by the examinee - 30min.
  - Discussion on the case 20 min.(presentation 6min, crossing 6x2min and decision 2min).

- Examiners will not ask any question nor stop the examinee in any way during history taking and physical examinations.
- Discussion should be done preferably as per structured format and proper weightage on different segments of clinical skills.

## **II. Short cases : Marks-100**

- Four in number
- Time 20-30 min. (Time will be equally divided for each short case)
- Crossing should be done with proper weightage on different segment of clinical skills.

## **II. Pass marks: 60% of total of Long and Short Cases**

### **8.2.3. Structured Clinical Assessment (SCA): Marks-100**

- 10 stations: 5 min each

### **8.2.4. Oral Examination: Marks-100**

- One board consisting of 2 examiners.
- 20 minutes (9+9+2).

### **8.2.5. Pass marks in SCA and Oral: 60% of total (SCA and Oral.)**

## **8.3. Thesis Evaluation:**

- Marks: Thesis writing-200; Defense-100: Marks for acceptance-60% of total.
  - To be evaluated by 3 (three) evaluators:- 2 subject specialists and one academician preferably involve in research and teaching research methodology.
  - Among the subject specialists one should be external.
  - Evaluators should be in the rank of Professor/Associate/Professor.
  - Supervisor will attend the defense as an observer and may interact only when requested by the evaluators.
  - Thesis must be submitted to the controller of Exam not later than 27 months of enrolment in Phase-B. | Thesis must be sent to the evaluators 2 (Two) weeks prior to assessment date.



- Evaluation will cover Thesis writing and its defense.
- For thesis writing evaluator will mark on its structure, content, flow, scientific value, cohesion, etc.
- For defense - Candidate is expected to defend, justify and relate the work and its findings.
- Assessment must be completed in next 3 months.
- Outcome of the assessment shall be in 4 categories - "Accepted", "Accepted with minor correction", "Accepted with major correction" and "Not Accepted".

#### 8.3.1. Description of terms:

- **Accepted:** Assessors will sign the document and resident will bound it and submit to the Controller of Examinations by 10 days of the examination.
- **Accepted with minor correction:** Minor correction shall include small inclusion/exclusion of section; identified missing references, correction of references and typographical and language problem. This should be corrected and submitted within 2 weeks.
- **Accepted with major correction:** Task is completed as) per protocol with acceptable method but some re-analysis of result and corresponding discussion are to be modified.)  
To be corrected, confirmed by Supervisor and submit within 3 (Three) weeks.
- **Not Accepted:** When work is not done as per protocol or method was faulty or require further inclusion or confirmation of study.
  - To complete the suggested deficiencies and reappear in defense examination during its next Phase Final Examination.
  - Candidate has to submit his/her thesis and sit for examination and pay usual examination fees for the examination.

8.3.2. Residents must submit and appear Thesis defense at notified date and time. However non- acceptance of the Thesis does not bar the resident in appearing the written, clinical and oral exam.

#### **8.4. Qualifying for MD Degree:**

On passing both the compartments, the candidate will be conferred the degree of MD in the respective discipline. If any candidate fails in one compartment he/she will appear in that compartment only in the subsequent Phase-B exam.

#### **9. Supervision and Training Monitoring:**

Training should incorporate the principle of gradually increasing responsibility, and provide each trainee with a sufficient scope, volume and variety of experience in a range of settings that include inpatients, outpatients, emergency and intensive care. All elements of work in training rotation must be supervised with the level of supervision varying depending on the experience of the trainee and the clinical exposure. Outpatient and referral supervision must routinely include the opportunity to personally discuss all cases. As training progresses the trainee should have the opportunity for increasing autonomy, consistent with safe and effective care for the patient. Trainees will at all times have a named Supervisor, responsible for overseeing their education.

**Supervisors** are responsible for supervision of learning throughout the program to ensure patient and I or laboratory safety, service delivery as well as the progress of the resident with learning and performance. They set the lesson plans based on the curriculum, undertake appraisal, progress against the curriculum, give feedback on both formative and summative assessments as well as sign the logbook and portfolio. The residents are made aware of their limitations and are encouraged to seek advice and receive help at all times. **The Course Coordinator** of each department coordinates all training and academic activities of the program in collaboration with the **Course Director**. **The Course Director** of each faculty directs guides and manages curricular activities under his/ her jurisdiction and is the person to be reported to for all events and performances of the residents and the supervisors.

#### **10. Curriculum Implementation, Review and Updating:**

Both Supervisors and Residents are expected to have a good knowledge of the curriculum and should use it as a guide for their training program.

Since Pulmonology has historically been rapidly changing speciality the need for review and up-dating of curriculum is evident. The

Curriculum is specifically designed to guide an educational process and will continue to be the subject of active re-drafting, to reflect changes in both pulmonology and educational theory and practice. Residents and Supervisors are encouraged to discuss the curriculum and to feedback on content and issue regarding implementation at Residency Course Director. Review will be time tabled to occur annually for any minor changes to the curriculum. The Curriculum will be reviewed with input from the various subspecialties of Pulmonology.

## **11. Phase B Syllabus:**

The educational process in Respiratory Medicine aims to provide basic knowledge, intellectual, clinical and transferable skills to produce competent specialists in Pulmonology. These specialists will be capable of providing specialized care of the highest order to patients with respiratory disorders in the community as well as clinical tertiary centres. They will recognize the health needs of the community and carry out professional obligations ethically and keeping their standards by engaging in continuing medical education. The program also aims to introduce the candidate to the basics of scientific medical research.

### **Module A.1: Structure and function of the respiratory system**

- A.1.1 Anatomy
- A.1.2 Development and ageing of respiratory system
- A.1.3 Physiology
- A.1.4 Pathophysiology A.1.5 Microbiology A.1.6 Genetics
- A.1.7 Pharmacology
- A.1.8 Pathology
- A.1.9 Immunology and defence mechanisms
- A.1.10 Molecular biology
- A.1.11 Biochemistry

### **Module B.1: Airway diseases**

- B.1.1 Asthma
- B.1.2 Acute bronchitis
- B.1.3 Chronic bronchitis
- B.1.4 COPD (chronic bronchitis and/or emphysema)

- B.1.5 Bronchiolitis
- B.1.6 Bronchiectasis
- B.1.7 Airway stenosis and malacia B.1.8 Trachea-oesophageal fistula
- B.1.9 Upper airway disease
- B.1.10 Vocal cord dysfunction
- B.1.11 Foreign body aspiration
- B.1.12 Gastro-oesophageal reflux

**Module B.2: Thoracic tumours**

- 8.2.1 Lung cancer
- 8.2.2 Metastatic pulmonary tumours
- 8.2.3 Mesothelioma
- 8.2.4 Metastatic and other pleural tumours
- 8.2.5 Benign intra-thoracic tumours
- 8.2.6 Mediastinal tumours B.2.7 Chest wall tumours B.2.8 Sarcoma
- B.2.9 Lymphoma

**Module B.3: Non-TB respiratory infections**

- B.3.1 Upper respiratory tract infections
- B.3.2 Lower respiratory tract infections
- B.3.3 Community-acquired pneumonia (CAP)
- B.3.4 Nosocomial pneumonia
- B.3.5 Pneumonia in the immunocompromised host
- B.3.6 Other pneumonia
- B.3.7 Parapneumonic effusion and empyema
- B.3.8 Lung abscess B.3.9 Fungal infection B.3.10 Parasitic infection
- B.3.11 Epidemic viral infection

**Module B.4: Tuberculosis**

- B.4.1 Pulmonary TB
- 8.4.2 Extrapulmonary TB
- B.4.3 TB in the immunocompromised host
- 8.4.4 Latent tuberculous infection
- B.4.5 Non-tuberculous mycobacterial diseases
- B.4.6 Tuberculosis and HIV

**Module B.5: Pulmonary vascular diseases**

- B.5.1 Pulmonary embolism
- B.5.2 Primary pulmonary hypertension
- B.5.3 Secondary pulmonary hypertension
- B.5.4 Vasculitis and diffuse pulmonary haemorrhage
- B.5.5 Abnormal a-v communication

**Module B.6: Occupational and environmental diseases**

- B.6.1 Occupational asthma
- B.6.2 Reactive airway dysfunction syndrome (RADS)
- B.6.3 Pneumoconiosis and asbestos-related disease
- B.6.4 Hypersensitivity pneumonitis
- B.6.5 Dust and toxic gas inhalation disease
- B.6.6 Indoor pollution related disease
- B.6.7 Outdoor pollution related disease
- B.6.8 Smoking-related disease
- B.6.9 High-altitude disease
- B.6.10 Diving-related disease

**Module B.7: Diffuse Parenchymal (interstitial) lung diseases (DPLD)**

- B.7.1 Sarcoidosis
- B.7.2 Idiopathic interstitial pneumonias including idiopathic pulmonary fibrosis (IPF), non-specific interstitial pneumonia (NSIP), cryptogenic organising pneumonia (COP), acute interstitial pneumonia (AIP), respiratory bronchiolitis-associated interstitial lung disease (RB-ILD), desquamative interstitial pneumonia (DIP), lymphoid interstitial pneumonia (LIP)
- B.7.3 Cryptogenic organising pneumonia (COP) of unknown aetiology/ bronchiolitis obliterans organising pneumonia (BOOP)

**Module B.8: Iatrogenic diseases**

- B.8.1 Drug-induced disease
- B.8.2 Complications of invasive procedures
- B.8.3 Radiation-induced disease

**Module B.9: Acute injury**

- B.9.1 Inhalation lung injury
- B.9.2 Traumatic thoracic injury

**Module B.10: Respiratory failure**

- B.10.1 Acute respiratory distress syndrome
- B.10.2 Obstructive lung disease
- B.10.3 Neuromuscular disease
- B.10.4 Chest wall disease
- B.10.5 Other restrictive diseases

**Module B.11: Pleural diseases**

- B.11.1 Pleural effusion
- B.11.2 Chylothorax
- B.11.3 Haemothorax
- B.11.4 Fibrothorax
- B.11.5 Pneumothorax

**Module B.12: Diseases of the chest wall and respiratory muscles including the diaphragm**

- B.12.1 Chest wall deformities
- B.12.2 Neuromuscular disorders
- B.12.3 Phrenic nerve palsy
- B.12.4 Diaphragmatic hernia

**Module B.13: Mediastinal diseases excluding tumours**

- B.13.1 Mediastinitis
- B.13.2 Mediastinal fibrosis
- B.13.3 Pneumo-mediastinum

**Module B.14: Pleuro-pulmonary manifestations of systemic/extrapulmonary disorders**

- B.14.1 Collagen vascular disease
- B.14.2 Cardiac disease
- B.14.3 Abdominal disease
- B.14.4 Haematological disease
- B.14.5 Obesity
- B.14.6. Hyperventilation syndrome

**Module B.15: Genetic and developmental disorders**

- B.15.1 Cystic fibrosis
- B.15.2 Primary ciliary dyskinesia
- B.15.3 Alpha-1 antitrypsin deficiency
- B.15.4 Malformations

**Module B.16: Respiratory diseases and pregnancy**

- B.16.1 Asthma
- B.16.2 Cystic fibrosis
- B.16.3 Tuberculosis
- B.16.4 Sarcoidosis
- B.16.5 Restrictive lung diseases
- B.16.6 Pregnancy-induced respiratory diseases

**Module B.17: Allergic diseases (IgE-mediated)**

- B.17.1 Upper airway disease
- B.17.2 Asthma
- B.17.3 Bronchopulmonary aspergillosis
- B.17.4 Anaphylaxis

**Module B.18: Eosinophilic lung diseases**

- B.18.1 Non-asthmatic eosinophilic bronchitis
- B.18.2 Acute and chronic eosinophilic pneumonia
- B.18.3 Hyper-eosinophilic syndrome
- B.22.3 Tuberculosis
- 8.22.4 Surfactant deficiency diseases

**Module B.19: Sleep-related disorders**

- B.19.1 Obstructive sleep apnoea syndrome
- B.19.2 Central sleep apnoea syndrome
- B.19.3 Obesity hypoventilation syndrome

**Module B.20: Immunodeficiency disorders**

- B.20.1 Congenital immunodeficiency syndrome
- B.20.2 Acquired immunodeficiency syndrome
- B.20.3 HIV-related disease
- B.20.4 Drug-induced disease
- B.20.5 Graft versus host disease
- B.20.6 Post-transplantation immunodeficiency

**Module B.21: Orphan lung diseases**

- B.21.1 Langerhans' cell histiocytosis
- B.21.2 Lymphangioleiomyomatosis (LAM)
- B.21.3 Pulmonary alveolar proteinosis
- 8.21.4 Amyloidosis

## **Module B.22: Paediatric pulmonology**

- B.22.1 Asthma
- B.22.2 Respiratory tract infections (ARI)
- B.22.3 Tuberculosis
- B.22.4 Surfactant deficiency diseases

## **Module C.1: Symptoms and signs**

- C.1 .1 Dyspnoea
- C.1 .2 Wheeze
- C.1.3 Stridor
- C.1.4 Hoarseness
- C.1.5 Cough
- C.1.6 Sputum production
- C.1.7 Chest pain
- C.1.8 Haemoptysis
- C.1.9 General symptoms of disease including fever, weight loss, oedema, nocturia, and daytime somnolence
- C.1.10 Abnormal findings on inspection including cyanosis, abnormal breathing patterns, finger clubbing, chest wall deformities, superior vena cava syndrome and Homer's syndrome
- C.1.11 Abnormal findings on palpation and percussion
- C.1.12 Abnormal findings on auscultation

## **Module D.1: Pulmonary function testing**

- D.1.1 Static and dynamic lung volumes- interpretation and performance
- D.1.2 Body plethysmography- interpretation
- D.1.3 Gas transfer- interpretation
- D.1.4 Blood gas assessment and oximetry/capnography- interpretation and performance
- D.1.5 Bronchial provocation testing- interpretation and performance
- 0.1.6 Exercise testing including 6 MWT and spiro-ergometry (cardio-pulmonary exercise testing)- interpretation and performance
- D.1. 7 Assessment of respiratory mechanics- interpretation
- D.1.8 Compliance measurements- interpretation



- D.1.9 Respiratory muscle assessment- interpretation
- D.1.10 Ventilation-perfusion measurement- interpretation
- D.1.11 Shunt measurement- interpretation
- D.1.12 Sleep studies/POLYSOMNOGRAPHY- interpretation and performance
- D.1.13 Measurement of regulation of ventilation- interpretation

**Module D.2: Other procedures**

- D.2.1 Blood tests and serology relevant to respiratory medicine
- D.2.2 Analysis of exhaled breath components including NO, CO and breath condensate
- D.2.3 Sputum induction
- D.2.4 Sputum analysis
- D.2.5 Tuberculin skin testing
- 0.2.6 Allergy skin testing
- D.2.7 Pleural ultrasound imaging
- D.2.8 Thoracentesis
- 0.2.9 Closed pleural needle biopsy
- D.2.10 Pleuroscopy (medical thoracoscopy)
- D.2.11 Flexible bronchoscopy
- 0.2.12 Transbronchial lung biopsy D.2.13 Transbronchial needle aspiration D.2.14 Endobronchial ultrasound
- D.2.15 Broncho-alveolar lavage
- D.2.16 Bronchography
- 0.2.17 Rigid bronchoscopy
- 0.2.18 Interventional bronchoscopic techniques including fluorescence bronchoscopy, brachytherapy, endobronchial radiotherapy, afterloading laser and electrocoagulation cryotherapy, photodynamic therapy, airway stents/thermoplasty
- 0.2.19 Percutaneous needle biopsy
- D.2.20 Fine needle lymph node aspiration for cytology
- D.2.21 Right heart catheterisation
- D.2.22 Chest X-ray
- D.2.23 Fluoroscopy

### **Module D.3: Procedures performed collaboratively**

- D.3.1 Thoracic imaging (X-ray, CT, MRI)
- D.3.2 Nuclear medicine techniques (pulmonary and bone scan PET)
- 0.3.3 Electrocardiogram D.3.4 Echocardiogram
- D.3.5 Ultrasound
- D.3.6 Transoesophageal ultrasound
- D.3.7 Oesophageal pH monitoring
- D.3.8 Cytology/histology
- D.3.9 Microbiology testing

### **Module E.1: Treatment modalities and prevention measures**

- E.1.1 Systemic/inhaled drug therapy
- E.1.2 Chemotherapy
- E.1.3 Other systemic anti-tumour therapy
- E.1.4 Immunotherapy including de-/hyposensitisation
- E.1.5 Oxygen therapy
- E.1.6 Ventilatory support (invasive/non-invasive/CPAP)
- E.1.7 Cardiopulmonary resuscitation
- E.1.8 Assessment for anaesthesia/surgery
- E.1.9 Endobronchial therapies
- E.1.10 Intercostal tube drainage
- E.1.11 Pleurodesis
- E.1.12 Home care
- E.1.13 Palliative care
- E.1.14 Pulmonary rehabilitation
- E.1.15 Nutritional interventions
- E.1.16 Surfactant therapy
- E.1.17 Gene therapy
- E.1.18 Principles of stem cell therapy
- E.1.19 Smoking cessation
- E.1.20 Vaccination and infection control
- E.1.21 Other preventative measures

**Module F: Core generic abilities**

- F.1 Communication including patient education and public awareness
- F.2 Literature appraisal
- F.3 Research
- F.4 Teaching
- F.5 Audit/quality assurance of clinical practice
- F.6 Multidisciplinary teamwork
- F.7 Administration and management
- F.8 Ethics

**Module G: Competence in fields shared with other specialties**

- G.1 Intensive care
- G.2 High-dependency unit (HOU)
- G.3 Critical Care Medicine (CCM)

**Module H: Knowledge of associated fields relevant to adult respiratory medicine**

- H.1 Thoracic surgery (including lung transplantation)
- H.2 Radiotherapy
- H.3 Chest physiotherapy
- H.4 Other relevant medical specialties

**Module I: Further areas relevant to respiratory medicine**

- 1.1 Epidemiology
- 1.2 Statistics
- 1.3 Evidence-based medicine
- 1.4 Quality of life measures
- 1.5 Psychological factors in the development of respiratory disease
- 1.6 Psychological consequences of chronic respiratory disease
- 1.7 Public health issues
- 1.8 Organization of healthcare in Bangladesh (Healthcare delivery system)
- 1.9 Economics of healthcare across the world
- 1.10 Compensation and legal issues in home & abroad

## **FCPS (Pulmonary & Thoracic Surgery)**

This course is under supervision of Bangladesh College of Physicians & Surgeons. But these part student placed here for 2 years. Thesis work also done here.

### **Library**

The institute is equipped with a library for the teachers and students of NIDCH. The library run by a librarian and an assistant. Library of the institute is located in the 4th floor of the National Asthma Center (NAC) building. It has a sitting capacity of about 100 students. The library is fully air-conditioned. About 1500 books and a small number of Journals are available in this library.

The library is open from 8 a.m. to 9 p.m. The library provides photocopy facilities round the service hour. Broad band internet facility is an special addition to this library.

## **COURSE CURRICULUM FOR THE MS (THORACIC SURGERY)**

### **PART-A**

- Anatomy
- Physiology, Biochemistry, Pharmacology
- Pathology, immunology, biostatistic
- General surgery

All mentioned in syllabus

### **PART-B**

1. Thoracic Surgery (Syll: 1-30)
2. Operative Surgery (Chest)
3. Surgical Pathology (Chest Diseases)
4. Thoracic Anesthesiology (Principle)
5. Cardiac Surgery (Principle of open heart surgery- heart-lung mac)
6. Vascular Surgery (Aneurysm principle of repair)

**SYLLABUS FOR THE MASTER OF SURGERY (THORACIC)  
BANGABANDHU SHEIKH MUJIB MEDICAL UNIVERSITY (BSMMU)**

**PART – A**

**A. Anatomy:**

1. Gross Anatomy & Regional Anatomy

- a) General
- b) Lungs, Bronchovascular Segment, Trachea, Mediastinum, Pleura, Diaphragm, Thoracic cavity & chest wall, oesophagus
- c) Heart
- d) Blood vessels & lymphatics
- e) GI tract (stomach, duodenum, small and large gut, liver, spleen, pancreas, omentum, mesentery, portal system)

2. Developmental Anatomy of Respiratory System

3. Histology – of allied subject

4. Applied Anatomy – of allied subject

**B. Physiology, Biochemistry & Pharmacology**

a. Physiology :

1. General Principle of Physiology
2. Cardiovascular Physiology
  - a) Cardiac cycle
  - b) Heart muscle & its contractions
  - c) Conducting system and Electro-Physiology
  - d) Haemodynamics
3. Respiratory Physiology with Positive Pressure Ventilation (Artificial ventilation)
  - a) Respiratory functions & tests
  - b) Positive Pressure Ventilation (Artificial ventilation)
  - c) Blood gases
  - d) Blood vessels & lymphatics
4. Physiology of Nervous System – specially cardio-resp. innervation

b. Pharmacology :

1. General Pharmacology
  - a) Mechanism of drug action
  - b) Drug interaction
  - c) Adverse reaction to drug
  - d) Principle of drug therapy
2. Pain killers
3. Chemotherapy & Antibiotics (Pharmacology of Respiratory system in the surgical pain)
4. Diuretics
5. Drug working on Autonomic Nervous System
6. Anticoagulants
7. Bronchodilators & Mucolytic agents
8. Steroid in Surgery
9. Vasodilators
10. Vitamin and Mineral

Biochemistry :

- a) Cell & its function
  - b) Fluid & Electrolytes
  - c) Acid Base balance
  - d) Metabolic response to trauma
  - e) Nutrition in surgical patient
  - f) Parenteral Nutrition
  - g) Enzymes of clinical importance
- c. Pathology & Microbiology :

a. Pathology :

1. General Pathology
  - a) Cellular degeneration & necrosis & oedema
  - b) Inflammation
  - c) Infarction
  - d) Thrombosis and Embolism
  - e) Atherosclerosis
  - f) Haemorrhage & Shock
  - g) Aneurysm
  - h) Calcification
  - i) Neoplasm (tumour)
  - j) Infection

**b. Microbiology :**

1. Micro organism of surgical importance
2. Hospital infections
3. Investigation & Diagnosis of Microbial Disease
4. Prevention and Treatment of Microbial Diseases
5. Medical Genetics

D. Immunology :

E. Biostatistic

F. General Surgery

Basic Principles of General Surgery

- a. Laparotomy, incision
- b. Disease & Surgery of Liver
- c. Surgery in Portal Hypertension
- d. Diabetes & Surgery
- e. Disease and Surgery of Stomach, Duodenum (small & large gut)
- f. Disease and Surgery of Spleen
- g. Disease and Surgery of Breast
- h. Incision & exploration of the neck

**PART – B ( 3 Years)**

1st Term : 6 months

- o Statistics : Genetics, epidemiology class
- o Ward Duty
- o Research methodology
- o Submit thesis protocol/original papers (at the end of 6 months)

Next 2 (two) years

- o Residential clinical duty – Evaluation
- o Lecture attend
- o Clinical meetings
- o Case Presentation, Clinical seminar

Next 2 (two) months

- o Exposure to cardiac vascular surgery ( NICVD)



Next 4 (four) months

- o Submit Thesis, Residential work
- o Total Evaluation

Examination

- o Theory : Written (100 marks)
  - Paper I
  - Paper II
  
- o Practical : Long Viva (200 marks)
  - Instrument
  - X-ray
  - Specimen
  - Operative surgery
  
- o Clinical (100 marks) : - Long case
  - Short case
  
- o Thesis - (200 marks)  
Defence

## **SYLLABUS FOR MS (Thoracic Surgery)**

### **PART – B**

1. Thoracic Surgery – Surgical Pathology & Operative Surgery 75 hrs

#### **Thoracic Surgery :**

1. Endoscopy Bronchoscopy, Oesophagoscopy & Mediostinoscopy
2. Preoperative assessment of patient
3. Chest Radiology
4. Anesthesia for thoracic surgery
5. Shock & circulatory collapse
6. Post operative management
7. Thoracic incisions and surgical approaches
8. Tracheostomy and assisted ventilations

9. Congenital lesions, neoplasms & injuries of trachea
10. Thoracic surgery in infants
11. Chest injury
12. Mediastinum & Mediastinum tumours
13. Lung infarctions
14. Non malignant tumours of lung
15. Cancer lung
16. Surgical treatment of pulmonary Tuberculosis
17. Congenital lesions of the lung & emphysema
18. Pulmonary embolism
19. Surgical problems of the oesophagus in infants and children
20. Disorder of the oesophagus in adult
21. Oesophageal hiatus hernia
22. The diaphragm
23. Role of Radio therapy in the malignant diseases of chest
24. Role of Physiotherapy in Chest diseases and chest surgery
25. Foreign body in air passages and oesophagus
26. Role of Nuclear Medicine in Thoracic and Surgery
27. Diseases and surgery of the pleura, Chest wall
28. Computer for surgeons & surgical audit
29. Lung transplantation
30. Pulmonary hypertension

**Affiliation**

1. University of Dhaka
2. Bangladesh College of Physicians and Surgeons
3. Bangabandhu Sheikh Mujib Medical University (BSMMU)

## ACADEMIC COURSE COMMITTEE



**Professor Dr. Md. Sayedul Islam**  
Course Director  
Pulmonology & Thoracic Surgery

### PULMONOLOGY



**Dr. Md. Khairul Anam**  
Course Co-ordinator



**Dr. Nihar Ranjan Saha**  
Course Manager



**Dr. Sheikh Shahinur Hossain**  
Course Supervisor

### THORACIC SURGERY



**Prof. Manabendra Biswas**  
Course Co-ordinator



**Dr. Anowarul Anam Kibria**  
Course Manager



**Dr. Md. Mofizur Rahman Miah**  
Course Supervisor

## **ETHICAL COMMITTEE**

**An ethical committee of the NIDCH is formed that consists of the following**

- CHAIRPERSON**     **Professor Dr. Md. Sayedul Islam**  
Director (cum Professor)
- MEMBERS**
- Dr. Md. Khairul Anam**  
Associate Professor of Respiratory Medicine
- Dr. S. M. Abdur Razzaque**  
Associate Professor of Respiratory Medicine
- Dr. Bipul Kanti Biswas**  
Associate Professor of Thoracic Surgery
- Dr. Md. Mofizur Rahman Miah**  
Associate Professor of Thoracic Surgery
- Dr. Md. Serazul Islam (RP)**  
Assistant Professor of Respiratory Medicine
- Dr. Md. Delwar Hossain (RS)**  
Assistant Professor of Respiratory Medicine
- Ferdoshi Begum**  
Nursing Superintendent
- Tanzina Rashid**  
Social Welfare Officer
- Hafez Mawlana Rashid Ahmed**  
Pash Imam, NIDCH Mosque
- Md. Abdul Mukit**  
Advocate, Judge Court, Dhaka

**PROFESSOR DR. MD. SAYEDUL ISLAM**

**Director of NIDCH**

Activities during one year  
(April 2021 - April 2022)

**Picture Gallery**

জাতীয় বক্ষব্যাদি ইনস্টিটিউট ও হাসপাতাল, মহাখালী, ঢাকা  
জাতীয় অ্যাজমা সেন্টার-এ কোভিড-১৯ ইউনিট এ

## শুভ উদ্বোধন

তারিখঃ ২৮-০৪-২০২১ ইং, রোজঃ বুধবার

অতিথিঃ জনাব জাহিদ মালেক, এমপি, মাননীয় মন্ত্রী, স্বাস্থ্য ও পরিবার কল্যাণ  
অতিথিঃ জনাব লোকমান হোসেন মিয়া, সচিব, স্বাস্থ্য ও পরিবার কল্যাণ  
অধ্যাপক ডা. আবুল বাশার মোহাম্মদ কুরশীদ আলম, মহাপরিচালক, স্বাস্থ্য





*Inauguration of COVID 19 Unit by Hon'ble Health Minister & Director General Health*



*Post COVID follow up clinic*



*Newly established Mural of The Father of The Nation*





*Ambulance key hand over from honorable health minister to director NIDCH*



*Ambulance*



*Ambulance received at NIDCH*



*Inauguration of high flow nasal cannula*



*Distribution of new ECG machines of each ward.*



*MOU between Linde Oxygen Ltd. and Director NIDCH*



*Honorable director sir is receiving oxygen cylinder Donated by Women's Club Gulshan*



*Celebration of National Mourning Day – 2021*



*Celebration of Post graduation completion July 2011 Batch.*



*Birthday celebration of honourable Prime Minister Sheikh Hasina*



*Newly renovated Library of NIDCH*



*Newly renovated class room of NIDCH*



*New renovated Doctors Hostel of NIDCH*



*Installation of e-Library demonstration Session*



*e-Library - NIDCH*



*e-Library*





*NIDCH Office Block*



*Office of Director (after renovation)*



*Director NIDCH at Office Room*



*After joining of newly appointed medical superintendent*



*Briefing to Medical Superintendent & Resident Physician at Office Room*



*Library after renovation*



*Library after renovation*



*Newly created ICU-2 at NIDCH*



*Newly created ICU-2 at NIDCH*



*Gardening - NIDCH*



*Gardening - NIDCH*



*Newly decorated flower garden in NIDCH campus*



*Gardening in middle block - NIDCH*



*Gardening - NIDCH*



*Gardening - NIDCH*



*Gardening - NIDCH*





*Gardening - NIDCH*



*Gardening at office block*



*Sky view of NIDCH after renovation*