

CURRICULUM VITAE

KANIZ FATEMA

MBBS, FCPS (Medicine), MD (CCM)

BMDC Reg no. A33298



Current Designation:

Assistant Professor

Dept. of Critical Care Medicine

Bangladesh Institute of Research and Rehabilitation of Diabetes,
Endocrine and Metabolic Disorders (BIRDEM) General Hospital,
Dhaka 1000, Bangladesh

Professional Service:

- Junior Consultant in Dept. of Critical Care Medicine, BIRDEM, Shahbag, Dhaka (from Oct 2009 to till date). Designated as “Assistant Professor” in January 2011.
- Registrar in Dept. of Critical Care Medicine, BIRDEM, Shahbag, Dhaka (from August 2008 to Sept 2009).
- Medical Officer in Dept. of Neurology, BIRDEM, Shahbag, Dhaka (from July 2003 to July 2008).

Education:

Name of the Examination	Board/University	Institute	Year of Passing	Results
SSC	Dhaka Board	BAF Shaheen College Dhaka	1991	Star marks with 5 letters (83.2%), 9 th stand amongst girls
HSC	Dhaka Board	Holy Cross College	1993	Star marks with 3 letters (85.7%)
MBBS	Dhaka University	Sher-E-Bangla Medical College, Barisal	1 st Professional Exam in 1997	1 st position in College (72.2%)
			2 nd Professional Exam in 1999	1 st position in College (68.3%)
			Final Professional Exam in 2001	2 nd position in College (60.6%)
FCPS in Medicine	Bangladesh College of Physicians and Surgeons	Bangladesh College of Physicians and Surgeons	January 2008 (Fellow no 2225)	
MD in Critical Care Medicine	Bangabandhu Sheikh Mujib Medical University	BIRDEM Academy	July 2014	

Professional Experience:

- 1yr training in Dept. of Critical Care Medicine (from August 2008 to July 2009) (as Registrar)
- 1yr training in Medicine Dept in BSMMU (Jan 2006 - Dec 2006)
- 2yr training in Dept. of Neurology, BIRDEM (July 2005 – Dec 2005, Jan 2007-June 2008)
- 2yr training in Medicine Dept in BIRDEM (July 2003 – June 2005)
- 1yr Interneeship in Sher-E-Bangla Medical College Hospital, Barisal from 15th July 2001 to 14th June 2002

Teaching experience:

- Clinical & lecture classes of undergraduate students of Ibrahim Medical College
- Classes in CPR course in BIRDEM
- Bedside teaching of trainee doctors
- Classes of MD & MS students of BIRDEM Academy
- Bedside teaching on Mechanical Ventilator of MD Chest student (NIDCH)
- Faculty member in Trauma Life Support Workshop of 3rd International Conference (organized by Bangladesh Society of Emergency Medicine on 31st Dec 2010 & 1st Jan 2011)
- Faculty member of “Mechanical Ventilator Workshop” in 1st International Conference of Bangladesh Society of Critical Care Medicine (March 2013)
- Classes of doctors and nurses in “Improvement of Emergency Medical Services Training” organized jointly by BIRDEM and WHO (2013)

Examination Experience:

- Examiner of CCD (Certificate Course on Diabetology)
- Examiner of Part 1 FCPS (Medicine)
- Examiner of Phase A MD (Critical Care Medicine)

Supervising as Co-guide of FCPS Dissertation:

- “Micro-organisms profile and their resistance pattern among the patients of sepsis in an intensive care unit” by Dr. Rozina Sultana, FCPS (Medicine) 2nd part student (accepted).
- “Bacteriological profile and Antibiotic sensitivity pattern among patient with nosocomial pneumonia” by Dr. Ishrat Jahan, FCPS (Medicine) 2nd part student (accepted).

Expertise:

- Endotracheal Intubation
- LMA insertion
- Bronchoscopy
- Central venous catheter/dialysis catheter insertion
- Intra-arterial line insertion
- Temporary pace maker insertion
- Pericardiocentesis
- Pleurocentesis
- Pleural biopsy
- Abdominal pericentesis
- Bedside Intermittent Peritoneal Dialysis (IPD) procedure
- Intermittent Hemodialysis and Sustained Low Efficiency Dialysis procedure
- Continuous Renal Replacement Therapy (CRRT)
- Bedside ultrasonography
- Bedside echocardiography
- Mechanical ventilator management

Certifications:

- CPR course certified (BIRDEM)
- CCD (Certificate Course on Diabetology) certified in July 2008 with 93% score
- Trauma Skill Workshop (organized by Bangladesh Emergency Medicine in January 2010) certified
- BLS and ACLS certified by American Heart Association (AHA)

Conference Attended (International) :

- International Critical Care Congress & 16th Annual Conference of Indian Society of Critical Care Congress, held in Hyderabad, India (Feb 2010)
- International Critical Care Congress & 17th Annual Conference of Indian Society of Critical Care Congress, held in New Delhi, India (Feb 2011)
- 18th Asia-Pacific Congress of Critical Care Medicine, held in Jaipur, India (Feb 2014)
- 20th Annual Conference of Indian Society of Critical Care Medicine, held in Jaipur, India (Feb 2014)
- World Health Summit in Berlin, Germany (19th to 2nd October, 2014)
- 3rd SG-ANZICS Intensive Care Forum in Singapore (April 2015)
- 2nd International Conference on Critical Care Medicine organized by Bangladesh Society of Critical Care Medicine (Sept 2015)
- 10th Scientific Conference of Bangladesh Rheumatology Society (Oct 2015)
- 4th International Conference on Lung Health organized by Bangladesh Lung Foundation (Nov 2015)
- International Seminar on Sleep disordered breathing and Non-invasive ventilation in Inspire 2015 in Sydney, Australia (Dec 2015)

Conference attended (Local) :

- International Conference in Lung Health (Feb 2008)
- Joint Conference of BCPS & College of Physicians & Surgeons Pakistan (Oct 2008)
- 20th Annual Convention & Scientific Sessions of Association of Physicians of Bangladesh (March 2009)
- Congress on Total Lung Health (Oct 2009)
- 2nd International Conference on Emergency Medicine (Jan 2010)
- 10th International Congress & Scientific Seminar of Bangladesh Society of Medicine (March 2010)
- 21st Annual Conference & Scientific Sessions of Association of Physicians of Bangladesh (April 2010)
- International Conference in Lung Health (Oct 2010)
- International Hepatology Conference (Oct 2010)
- International Neurology Seminar-2010 (Dec 2010)

- 3rd International Conference of Bangladesh Society of Emergency Medicine (Dec 2010)
- 4th International Cardiovascular Conference organized by Ibrahim Cardiac Hospital & Research Institute (April 2011).
- 9th Conference of Nephrology, Urology & Transplant Society of the SAARC countries (Dec 2011)
- Seminar on Critical Care & Pulmonology (Feb 2012)
- 2nd National Conference of Bangladesh Clinical Neuro Electrophysiologists Society (BCNEPS) (Nov 2012)
- 3rd International Conference on Lung Health organized by Bangladesh Lung Foundation (Pulmocon 2013) (Feb 2013)
- SAARC Anesthesiology
- 1st International Conference of South Asian Association for the Study of the Liver (SAASL 2013) (May 2013)
- 9th Scientific Conference of Bangladesh Rheumatology Society (October 2013)
- 25th Annual Conference & Scientific Seminar of Associations of Physicians of Bangladesh (April 2014)
- 15th International Congress and Scientific Seminar (BSMCON) organized by Bangladesh Society of Medicine (March 2015)
- 16th International Congress and Scientific Seminar organized by Bangladesh Society of Medicine (March 2016)

International Workshop attended :

- Hemodynamic monitoring and Echocardiography in critically ill patients organized by Indian Society of Critical Care Medicine (February 2011).
- Young Physician Leadership Programme organized by IAMP (Inter Academy Medical Panel) (16th to 19th October 2014)
- Workshop on Non-Invasive Ventilation in Inspire 2015 in Sydney, Australia (Dec 2015)

Workshops attended (local) :

- Spirometry Workshop (organized by Bangladesh Lung Foundation in October 2010) certified.
- Hands on training on CRRT organized by Bangladesh Society of Critical Care Medicine and Nephrology department of BIRDEM (March 2011).

- Basic Computer Training Program (organized by IT Dept of BCPS from 6th August to 8th August, 2011).
- International Workshop on Mechanical Ventilation organized by Bangladesh Society of Critical Care Medicine and Pulmonary & Critical Care group of BMANA (Feb 2012)
- International Workshop on Bronchoscopy organized by Bangladesh Society of Critical Care Medicine and Pulmonary & Critical Care group of BMANA (Feb 2012)
- Workshop on “Challenges of Young Women Scientists in New & Emerging Sciences” organized by Bangladesh Academy of Sciences (March 2012)
- Workshop on EEG in 2nd National Conference organized by Bangladesh Clinical Neuro Electrophysiologist Society (BCNEPS) (Nov 2012)
- Interventional Bronchoscopy- recent advances in 3rd International Conference on Lung Health (Pulmocon 2013) organized by Bangladesh Lung Foundation (Feb 2013)
- Difficult airway management workshop in SAARC Anesthesiology (Feb 2013)
- Workshop on Promoting Evidence based Clinical Practice organized by Association of Physicians of Bangladesh (APB) and Evidence Based Clinical Practice Society of Bangladesh (EBCPSB) (June 2013)
- Workshop on Research Methodology and Scientific Writings workshop organized by BIRDEM (Sept 2013)
- One day orientation program on Tuberculosis-Diabetes Mellitus co-morbidity (Oct 2013)
- Workshop on Chest Imaging & Bronchoscopy (Feb 2014)
- Workshop on Medical Education organized by BIRDEM (Dec 2015)
- Workshop on Scientific Communication organized by Association of Physicians of Bangladesh (March 2016)

Presentation in International Conference

- Poster Presentation in International Critical Care Congress & 16th Annual Conference of Indian Society of Critical Care Congress, held in Hyderabad, India (Feb 2010) on “Antimicrobial Resistance Pattern in ICU of a Tertiary Care Hospital in Bangladesh”. K Fatema, L Barai, MO Faruq, JA Haque, ASMA Ahsan, F Ahmed. BIRDEM Hospital, Dhaka, Bangladesh.
- Presentation with powerpoint in “Critical Care Medicine in Bangladesh” in Young Physician Leadership Programme organized by IAMP (Inter Academy Medical Panel) held in Berlin, Germany (17th October 2014)

- Poster presentation in 3rd SG-ANZICS Intensive Care Forum 2015 held in Singapore on “Sustained Low Efficiency Dialysis in the ICU Patients with AKI: Experience in a resource poor country” Kaniz Fatema, Mohammad Omar Faruq, ASM Areef Ahsan, Sarwar Iqbal, Fatema Ahmed, Moushumi Marium Sultana. (April 2015)

Invited Presentations in Conferences (Local) :

- Oral presentation with powerpoint in Critical Care Session of International Conference on Lung Health (Oct 2010) on “Antimicrobial Resistance Pattern in ICU of a Tertiary Care Hospital in Bangladesh”
- Oral presentation with powerpoint in CME of Bangladesh Society of Critical Care Medicine on “Sustained Low Efficiency Dialysis” (Oct 2011) in Sonargaon Pan Pacific Hotel
- Oral presentation with powerpoint in CME of Bangladesh Society of Critical Care Medicine on “Sustained Low Efficiency Dialysis” in Sylhet Osmani Medical College (Dec 2011)
- Oral presentation with powerpoint in weekly CME on “Antimicrobial resistance” in BIRDEM General Hospital (Dec 2012)
- Oral presentation with powerpoint in 1st International Conference of Bangladesh Society of Critical Care Medicine on “Sustained Low Efficiency Dialysis” in BSMMU (March 2013)
- Oral presentation with powerpoint on “Total Parenteral Nutrition” in Casualty Unit of DMCH (April 2013)
- Oral presentation with powerpoint on “Mechanical Ventilator” in NIDCH (May 2013)
- Oral presentation with powerpoint on “Shock and IV lines” in “Improvement of Emergency Medical Services Training” organized jointly by BIRDEM and WHO (Sept 2013)

Conference/Workshop Organized :

- Trauma Skill Workshop in 3rd Emergency Medicine Conference in January 2011
- 1st International Conference on Critical Care Medicine in Dhaka, Bangladesh in March, 2013
- Workshop on Mechanical Ventilator in Dhaka, Bangladesh in March, 2013
- 2nd International Conference on Critical Care Medicine in Dhaka, Bangladesh in September, 2015

- Workshop on Mechanical Ventilator and Arterial Blood Gas Analysis in Dhaka, Bangladesh in September, 2015

Research Experience

- **Site Investigator** from Aysha Memorial Hospital as a part of an International study involving 16 Asian countries, entitled “**Management Of Severe sepsis in Asia’s Intensive Care Units**” (abbreviated as the **MOSAICS** study), July, 2009 which included 14 ICUs of Bangladesh. (published as “Management of severe sepsis in patients admitted to Asian Intensive Care Units: prospective cohort study” in BMJ 2011; 342:d3245).
- **Main Researcher** of the Thesis work “Sustained Low Efficiency Dialysis in the management of Hemodynamically Unstable Critically Ill Patients with AKI admitted in ICU, Bangladesh” (accepted in March 2014)
- **Site Investigator** of “Asian Collaboration of Medical Ethics (**ACME** study) (published as “Withholding & withdrawal of life-sustaining treatments in intensive care units in Asia” in JAMA Int Med 2015 Mar 1;175(3):363-7)
- **Co-Chief Investigator** of the research work “Sick euthyroid syndrome & ICU mortality”
- **Chief Investigator** of the ongoing research work “Admission pattern in BIRDEM ICU and its influence on mortality”
- **Chief Investigator** of the ongoing research work “Attitudes and Practices among the Bangladeshi Physicians towards Biomedical Research”

Dissertation:

- Hyponatraemia in acute confusional state & coma: Review article (accepted in December 2006)

Thesis

- Sustained Low Efficiency Dialysis for the Management of Patients with Hemodynamically Unstable Acute Kidney Injury Admitted in Intensive Care Unit, Bangladesh (accepted in March 2014)

Publications:

- Faruq MO, Ahsan ASMA, Fatema K, Ahmed F, Sultana A, Chowdhury RH. An Audit of Intensive Care Services in Bangladesh. Ibrahim Medical College Journal 2010; 4(1): 13-16.
- Barai L, Fatema K, Haq JA, Faruq MO, Ahsan ASMA, Hossain MB et al. Bacterial Profile & their antibiotic resistance pattern in an ICU of a tertiary care hospital in Dhaka. Ibrahim Medical College Journal 2010; 4(2): 66-69.
- Fatema K, Faruq MO, Areef ASMA, Tamanna RJ, Ahmed F, Sultana A et al. Neuroleptic Malignant Syndrome with very high serum creatine phosphokinase: a case report. BIRDEM Medical Journal 2012; 2(1): 56-59.
- Faruq MO, Ahsan ASMA, Uddin MN, Khatun UHS, Mannan MA, Fatema K et al. Implementation of Sepsis bundles in Intensive Care Units of Bangladesh: a prospective observational study. Bangladesh Critical Care Journal 2013; 1(1): 8-17.
- Faruq MO, Mahmud MR, Begum T, Ahsan ASMA, Fatema K, Ahmed F. A comparison of severity systems APACHE II and SAPS II in critically ill patients.. Bangladesh Critical Care Journal 2013; 1(1): 18-22.
- Ahmed F, Faruq MO, Ahsan ASMA, Fatema K. Guillain-Barre Syndrome masquerading as brain death. Bangladesh Critical Care Journal 2013; 1(1): 53-55.
- Mansur FJ, Barai L, Karim MM, Haq JA, Fatema K, Faruq MO. Intravascular catheter related infections and antimicrobial susceptibility pattern of isolated bacteria in a tertiary care hospital of Bangladesh. Indian Journal of Medical Microbiology 2014; 32 (1): 68-71.
- Fatema K, Faruq MO, Ahsan ASMA, Ahmed F. Patterns of AKI patients requiring Sustained Low Efficiency Dialysis admitted in an ICU of Bangladesh. Bangladesh Critical Care Journal 2014; 2(2): 68-70.
- Fatema K, Faruq MO, Ahsan ASMA, Ahmed F, Saha D, Afroz F et al. Disseminated Meliodosis presenting as Septic Shock: An Endemic Disease of Bangladesh. International Journal of Current Medical And Applied Sciences 2015; 5(3): 200-2.
- Mallick UK, Faruq MO, Ahsan ASMA, Fatema K, Ahmed F, Asaduzzaman M, Islam M, Sultana A. Spectrum of Early Onset and Late Onset Ventilator Associated Pneumonia in a Tertiary Care Hospital of Bangladesh: A Prospective Cohort Study. Bangladesh Critical Care Journal 2015; 3(1): 09-13.
- Saha DK, Ahsan ASMA, Faruq MO, Fatema K, Ahmed F, Saha M, Islam R. Cerebral venous sinus thrombosis: A Case Report. Bangladesh Critical Care Journal 2015; 3(1): 39-41.

- Fatema K, Faruq MO, Ahsan ASMA, Iqbal S, Sultana MM. Sustained Low Efficiency Dialysis in the ICU Patients with AKI: Experience in a resource poor country (Abstract). 3rdSG-ANZICS Programme Book 2015: 76.
- Ahmed F, Faruq MO, Ahsan ASMA, Fatema K, Zaman MS. Spectrum of severe sepsis in critically ill adult patients of Bangladesh: a prospective observational study. Bangladesh Critical Care Journal 2015; 3(2):45-48.
- Mallick UK, Faruq MO, Ishaque SM, Ahsan ASMA, Fatema K, Ahmed F et al. Early endoscopic findings in patients with upper gastrointestinal bleeding in Bangladesh. Bangladesh Critical Care Journal 2015; 3(2): 60-62.
- Fatema K, Ahsan ASMA, Barai L, Saha DK, Afroze SR, Faruq MO et al. A case of fatal Meliodosis presenting as septic arthritis and septicemia. Bangladesh Critical Care Journal 2015; 3(2): 74-76.
- Saha DK, Saha M, Faruq MO, Ahsan ASMA, Fatema K, Ahmed F. Fahr disease. Bangladesh Critical Care Journal 2015; 3(2): 81-82.
- Saha DK, Ahsan ASMA, Faruq MOF, Fatema K, Ahmed F, Saha M. Hepatic abscess as presenting feature of Meliodosis: a case report. BIRDEM Medical Journal 2016 (Jan); 6 (1): 43-45.

Experience as Reviwer:

- Reviewer of BIRDEM Medical Journal
- Reviewer of Bangladesh Critical Care Journal
- Assistant Editor of Bangladesh Critical Care Journal

Voluntary Activities:

- Life time member & Executive Member of BSCCM (Bangladesh Society of Critical Care Medicine)
- Treasurer of BLSF (Bangladesh Life Saving Foundation)

Extracurricular activities:

- Lifetime member of Sandhani
- Ex-General Secretary of Sandhani, SBMC ('98-'99 session)

Personal Particulars:

- Father : Gp.Capt.(Retd) Nurul Islam
- Mother : Begum Afzalun Nahar
- Date of Birth : 23-12-1975
- Nationality : Bangladeshi
- Religion : Islam
- Special interest in : Travelling, Research work
- Present address : House#176, Lane#2, Eastern Road,
New DOHS, Dhaka Cantonment, Dhaka 1206,
Bangladesh.
- Permanent address : As above
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- E-mail : drkanizfemasb@gmail.com
kanizfatema25@yahoo.com