



BANGLADESH ENDOCRINE SOCIETY - BANGLADESH RENAL ASSOCIATION

MASTERCLASS ON
**“DIABETES WITH KIDNEY
DISEASE”**

MASTERCLASS DESIGN



Course Title

Bangladesh Endocrine Society & Bangladesh Renal Association Masterclass on
“Diabetes with Kidney disease”

Course Description

The kidney is often regarded as the most important target of microvascular damage in diabetes. And vice versa, diabetes has been evidenced to be the leading cause of kidney failure in the World. Both CKD and DKD have been a global health issue because of the anonymous symptoms, insufficient awareness and rapid progression in their late stages. This course outlines the appropriate diagnostic and therapeutic strategies to identify risks of kidney disease and its consequences in patients with T2DM, appropriately screen for the presence of CKD in patient with T2DM, and initiate evidence-based therapy to slow the progression of kidney disease in patients with T2DM and CKD.

Learning Objective

1. Describe the pathophysiology & progression of kidney disease in diabetes
2. Analyze the various stages of chronic kidney disease, including diabetic nephropathy
3. Evaluate the management options for adults newly diagnosed with diabetes (Type 1 or 2, gestational, or secondary diabetes)
4. Understand the importance of lifestyle modifications in the prevention of diabetes and kidney complications
5. Apply national and international guidelines and evidence to the practice of diabetes care in Bangladesh
6. Utilize standards of care for the treatment and prevention of renal disease in patients with diabetes.

Participants:

- Physicians who recently Completed MD course on Nephrology & Endocrinology
- MD Students on Nephrology & Endocrinology

Course Faculties:

Course Directors:

Prof. Muhammad Rafiqul Alam



Professor Muhammad Rafiqul Alam is the pro-vice chancellor (administration) of Bangabandhu Sheikh Mujib Medical University. He was former chairman of nephrology department of the university. He is also currently the president of Bangladesh Renal Association & Association of Physicians. He is also the vice-president of the Society of Organ Transplantation. He completed his FCPS in medicine from Bangladesh College of Physicians and Surgeons in 1992. He also took his Doctorate of Medicine in nephrology in 1995. He has more than fifty publications in different journals of home and abroad.

Prof. Md. Faruque Pathan



Professor Md. Faruque Pathan is an eminent Endocrinologist and Diabetologist of Bangladesh. He is the President of Bangladesh Endocrine society. He was the Head of the Department of Endocrinology at BIRDEM General Hospital, Dhaka, Bangladesh. He has been the professor of Endocrinology in BIRDEM Hospital since 2008. He has had a long career in the field of Diabetes and other Endocrine disorders since joining BIRDEM in 1984. Prof. MF Pathan has published several research articles and review articles including the South Asian consensus guidelines on various aspects of management of diabetes and presented research papers at various national and international conferences.

Course Moderators:



Prof. Muhammad Nazrul Islam

Professor
Department of Nephrology
BSMMU



Dr. M. Saifuddin

Assistant Professor
Department of Endocrinology
Dhaka Medical College & Hospital

Speakers from Bangladesh:



Prof. M Muhibur Rahman

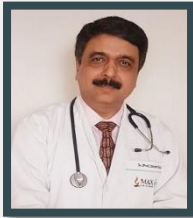
Professor & Head
Department of Nephrology
Popular Medical College & Hospital



Dr. Md. Feroz Amin

Associate Professor
Department of Endocrinology
BIRDEM

Speakers from Abroad:



Prof. Dinesh Khullar
Chairman
Nephrology & Renal Transplant Medicine
Max Saket Complex, India



Dr. Iqbal Munir
Chief of Endocrinology
Chair, Institutional Review Board
Riverside University Health System
Medical Center, CA, USA

Associate Professor
UCR School of Medicine, CA, USA

Panel Experts:

Endocrinology Panel:



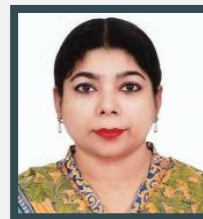
Prof. Md. Hafizur Rahman
Professor
Department of Endocrinology
Dhaka Medical College & Hospital



Prof. S.M. Ashrafuzzaman
Professor & Head
Department of Endocrinology
BIRDEM



Dr. Shahjada Selim
Associate Professor,
Department of Endocrinology
BSMMU



Dr. Faria Afsana
Assistant Professor,
Department of Endocrinology
BIRDEM

Nephrology Panel:



Prof. Shamim Ahmed
Professor & Sr. Consultant
Department of Nephrology
Kidney Foundation Hospital &
Research Institute



Prof. Md. Ayub Ali Chowdhury
Professor & Former Head
Department of Nephrology
NIKDU



Prof. Mamun Mustafi
Brigadier General (Rtd.)
Head of Nephrology,
GSV Medical College &
Gonosasthaya Nagar Hospital



Prof. Md. Nizamuddin Chowdhury
Professor & Former Head
Department of Nephrology
Dhaka Medical College & Hospital

Curriculum

Module 1: Diabetic Kidney Disease & risk factors for the development of Renal dysfunctions

- Introduction to Diabetic Kidney Disease
- Identify risks of kidney disease and its consequences in patients with T2DM.
- Clinical predictive factors of Progression of DKD
- Appropriately screen for the presence of CKD in patient with T2DM.
- Appropriate follow up monitoring for complications of diabetes with DKD

Module 2: Management of Anemia in patients with Diabetic Kidney Disease

- Complications associated with anemia in DKD
- Evaluation of DKD patients with Anemia
- Prevalence of functional iron deficiency in DKD
- Clinical Rationale of ESA Therapy
- Patient Centered care in anemia management
- Lifestyle recommendations for Anemic DKD patients

Module 3: Glucovigilance in Diabetes with Kidney Disease

- Importance of CGM & Strategies in DKD Patients
- Glycemic Management in pre-dialysis DKD patients
- Glycemic Management in dialysis DKD patients
- Lifestyle Modifications recommendations

Module 4: Progression of DKD to later stages - other complications prevention and management

- DKD and the other complications of diabetes: a strong association
- DKD - Standard of care
- Preventive strategies for people with DKD
- What happens in the later stages of kidney disease?
- Glucose control in the later stages of DKD Other CKD-related complications
- Managing complications in advanced-stage CKD

Agenda

Course Directors:

Prof. Muhammad Rafiqul Alam

Prof. Md. Faruque Pathan

Schedule & Other Details:

Date	Time	Topic	Speaker	Panel Experts	Moderator
Sunday 5 th July 2020	08.00 pm - 10.00 pm	Module 1: <i>Diabetic Kidney Disease & risk factors for the development of Renal Dysfunctions</i>	Dr. Iqbal Munir	Prof. Shamim Ahmed Dr. Shahjada Selim	Dr. M Saifuddin
Sunday 12 th July 2020	08.00 pm - 10.00 pm	Module 2: <i>Management of Anemia in patients with Diabetic Kidney Disease</i>	Prof. M Muhibur Rahman	Prof. Md. Ayub Ali Chowdhury Prof. SM Ashrafuzzaman	Prof. Muhammad Nazrul Islam
Sunday 19 th July 2020	08.00 pm - 10.00 pm	Module 3: <i>Glucovigilance in Diabetes with Kidney Disease</i>	Dr. Md. Feroz Amin	Prof. Brig. Gen, Mamun Mustafi Prof. Md. Hafizur Rahman	Dr. M Saifuddin
Sunday 26 th July 2020	08.00 pm - 10.00 pm	Module 4: <i>Progression of DKD to later stages - other complications prevention and management</i>	Prof. Dinesh Khullar	Prof. Md. Nizamuddin Chowdhury Dr. Faria Afsana	Prof. Muhammad Nazrul Islam