

**Department of Nephrology**  
**Dhaka Medical College, Dhaka**

<b>Name of the Department</b>	<b>Department of Nephrology</b>
Activities started from	1985
<b>Faculty and Staffs</b>	<ol style="list-style-type: none"> <li>1. Prof. Dr. Md. Nazrul Islam Head, Department of Nephrology</li> <li>2. Dr. Abu Saleh Ahmed, Associate Professor</li> <li>3. Dr. Mesbah Uddin Noman, Associate Professor</li> <li>4. Dr. Tofawel Ahmed Assistant Professor</li> <li>5. Dr.G.M. Hafizur Rahman, Assistant Professor</li> <li>6. Dr. Md Tareq Rahman, Assistant Professor</li> <li>7. Dr. A.S.M Tanim Anwar, Assistant Professor</li> <li>8. Dr. Mohammad Ashikur Rahman Khan, Junior Consultant</li> <li>9. Dr. Amanur Rasul Md Faisal, Transplant co ordinator</li> <li>10. Dr. Nadia Ferdous, Registrar</li> <li>11. Dr Mohammed Rubayat Al Matin, Dialysis Medical Officer</li> <li>12. Dr. S M Shamsuzzaman, Assistant Registrar</li> <li>13. Dr. Muhammad Masrur Siam, Assistant Registrar</li> <li>14. Dr. Abdullah Al Hasan, Dialysis Medical Officer</li> <li>15. Dr Shegufta Mishket Mukerrama, Medical Officer</li> </ol>

	<p><b>Outdoor Services: 2024</b></p> <ul style="list-style-type: none"> <li>• Outdoor services are provided six days a week and besides this, Monday is dedicated for consultation of patients having Glomerulonephritis and Wednesday for kidney transplant patient evaluation.</li> <li>• On Monday we do follow up and treatment of about 50 Glomerulonephritis patient from all over the country</li> </ul> <p><b>Indoor Services: 2024</b></p> <p>We are providing the following service to our patients.</p> <ul style="list-style-type: none"> <li>• Regular Follow up and treatment of admitted patients.</li> <li>• Attended referrals from different Departments of Dhaka Medical College Hospital</li> <li>• Intervention: Renal Biopsy and Jugular and Femoral Vascular accesses, Permanent Catheter insertion and CAPD catheter Installation</li> <li>• Haemodialysis in 39 bedded dedicated dialysis unit</li> </ul>
--	--

	<p><b>Academic Activities</b></p> <p><b>Undergraduate-</b>  Lecture Classes  Clinical Classes</p> <p><b>Post graduate-</b>  Residency Programme from 2015 (10 students in a year)  Students from other department under rotation- 40 students in a year</p> <p><b>MD (Nephrology) Course</b>  MD (Nephrology) Phase A student: 10  MD (Nephrology) Phase B student: 27  MD (Nephrology) Thesis student: 01  FCPS (Nephrology) student: 03</p> <p><b>Lecture classes</b></p> <ul style="list-style-type: none"> <li>• Virtual and direct classes -Twice in a week taken by faculty members and teachers from different institute.</li> <li>• Twice in a week by faculty members of DMC</li> <li>• Clinical classes, Journal club and biopsy meeting - once in a week.</li> </ul> <p><b>Case presentation:</b> Twice/week</p>
<p><b>Research Work (2024)</b></p>	<ol style="list-style-type: none"> <li>01. Correlation of Total Kidney Volume with Renal Function and Arterial Hypertension in Autosomal Dominant Polycystic Kidney Disease</li> <li>02. Study of Urinary Nephryn as early marker of Diabetic Nephropathy and its correlation with Albuminuria in T2 Diabetes Mellitus</li> <li>03. Diagnostic value of SuPAR level in adult with non proliferative GN</li> <li>04. Diagnostic Importance of Urinary LFABP over Albuminuria as early marker of Diabetic nephropathy in patients with Diabetes mellitus.</li> <li>05. Diagnostic importance of Urinary Liver type fatty acid binding protein over Albuminuria as a early marker of Diabetic Nephropathy in patients with Diabetes Mellitus.</li> <li>06. Association of Urinary Plasmin Level with Renal involvement and Disease Activity in Patients with Systemic Lupus Erythematosus</li> <li>07. Role of Urinary Monocyte Chemoattractant Protein- 1 (UMCP-1) As a Biomarker of Renal Involvement in Systemic Lupus Erythematosus and Its Co-relation with Lupus Nephritis Classes</li> <li>08. Correlation between urinary podocalyxin and nephrin in patient with primary glomerulonephritis</li> <li>09. Efficacy of Urinary Insulin like growth factor binding protein -7 (IGFBP-7) as a diagnostic marker of pregnancy related acute kidney injury(PRAKI) and its co-relation with disease severity</li> </ol>

	<ol style="list-style-type: none"> <li>10. Urinary N Acetyl Beta D Glucosaminidase as Early Biomarker of Diabetic Nephropathy and its correlation with Albuminuria in Diabetes Mellitus</li> <li>11. Correlation of vitamin D with anaemia in chronic kidney disease (G<sub>3b</sub> – G<sub>5</sub> and G<sub>5D</sub>)</li> <li>12. Association of Urinary Fatty Acid Binding Protein 4 with Proteinuria in Adults with Primary Non-Proliferative Glomerulonephritis</li> <li>13. Correlation of Urinary Angiostatin with Activity and Chronicity Index of Lupus Nephritis</li> <li>14. Association of uric acid with AKI in septic patients</li> <li>15. Comparison between the outcome of Pregabalin &amp; Melatonin in Management of Uremic Pruritus in Patients on Maintenance Hemodialysis</li> <li>16. Effect of Linagliptin in Type 2 Diabetes Patients With Albuminuria and Chronic Kidney Disease Grade2-3</li> <li>17. Evaluation of Tubuloglomerular outcome by measuring proteinuria and Urinary Neutrophil gelatinase associated liocalin( NGAL) after completion of Induction by High dose cyclophosphamide and maintenance by Azathioprine in class 3/4 Lupus Nephritis.</li> <li>18. Association between Hypogonadism and Lean Tissue Index in Male Patients with Chronic Kidney Disease G 4-5 and on Maintenance Hemodialysis</li> <li>19. Correlation of N terminal pro Brain Natriuretic Peptide ( NT pro BNP) with ECG and Echocardiographic changes in stage 4,5 Chronic kidney Disease(CKD) and Hemodialysis patients</li> <li>20. Correlation of Platelet to Lymphocyte Ratio and Neutrophil to Lymphocyte Ratio with Inflammatory Markers in Maintenance Hemodialysis patients</li> <li>21. Evaluation of tubuloglomerular outcome by measuring proteinuria and urinary NGAL after induction and maintenance by MMF in class iii /iv Lupus Nephritis</li> <li>22. Association of neutrophil to lymphocyte ratio and platelet to lymphocyte ratio with early stages of diabetic kidney disease in patients with type 2 diabetes mellitus.</li> <li>23. Role of urinary tumour necrosis factor like weak inducer of apoptosis (uTWEAK) as a biomarker of lupus nephritis and its correlation with histopathological characteristics of lupus nephritis.</li> <li>24. Correlation between HDL Cholesterol and Insulin Resistance in Non Diabetic Kidney Disease ( G3-G5D) patients</li> <li>25. Outcome of Acute Kidney Injury in Paraquat poisoning</li> <li>26. Association of Serum Dehydroepiandrosterone Sulfate and Protein-Energy Wasting in Chronic Kidney Disease Patients on Maintenance Hemodialysis.</li> <li>27. Association of Vitamin D with Renal outcome in patients with AKI</li> <li>28. Patterns of Infection and Antibiotic Sensitivity in different types of Vascular Access-Related Infections in patients with chronic kidney disease on hemodialysis.</li> </ol>
<p><b>International Participation</b></p>	<p>Faculty members were participated in various online Seminars, Symposium and Workshops at different countries around the globe</p>

## Published Papers

1. An Observational Study: SARS-CoV-2 Vaccination Response in Chronic Kidney Disease Patients on Dialysis  
Scholars Journal of Applied Medical Sciences  
<https://saspublishers.com>
2. Assessment of Antibody Titers after 6 Months of Vaccination against SARS COV-2 in Patients with CKD Stage 4, 5 and CKD 5d  
Saudi Journal of Medical and Pharmaceutical Sciences  
<https://saudijournals.com>
3. Assessment of Hypothalamic Pituitary Adrenal Axis Status in Patients of Membranous Nephropathy Receiving Ponticelli Regimen.  
Bangladesh Renal Journal. Num.01, vol.05, January, 2023
4. Histopathological Pattern of Patients with Chronic Kidney Disease of Unknown Aetiology  
Bangladesh Renal Journal. Num.02, vol.05, July, 2023
5. Vitamin D Level and It's Relation with Anemia in Patients with CKD Stage 5 in a Tertiary Care Hospital.  
Bangladesh Renal Journal. Num.02, vol.05, July, 2023
6. Serum Testosterone Level in Chronic Kidney Disease and its Association with Anemia in Male Subjects  
Bangladesh Renal Journal. Num.01, vol.04, Jan, 2022
7. Hemodialysis Catheter-Related Blood Stream Infection: Rates, Risk Factors and Pathogens  
Journal of Dhaka Medical College. Num.01 vol.30. April 2021
8. Pregnancy Related Acute Kidney Injury: A Multicenter Prospective Observational Study from Bangladesh  
Journal of Dhaka Medical College. Num.01 vol.30. April 2021
9. Association of Microalbuminuria with Duration of Type-2 Diabetes Mellitus  
Shaheed syed Nazrul Islam Medical college journal. Num. 02, Vol. 09, July 2024
10. Sparsentan: Sparsentan- A novel, non- immunosuppressive, dual action angiotensin II and endothelin A receptor antagonist -A new hope for glomerular disease  
Journal of Shaheed Suhrawardy Medical College. Num. 02, Vol. 14. 2022

--	--