Nephrology

STAFF

Faculty
- Dr. Rajendra Pandey, Dip.Card, MD, DM
- Dr. Debabrata Sen, MD, DM
- Dr. Arunansu Banerjee, MD, DM
- Dr. Arpita Roychowdhury, MD, DNB, DM
- Dr. Sanjoy Dasgupta, MD, DM
- Dr. Dipankar Sarkar, MD, DM
- Dr. Aref Hossain, DCH, MD (Med)
- Dr. Sital De, MBBS
- Dr. Kausambi Chowdhury, MBBS
- Dr. Amitava Maiti, M.Sc., PhD

Post / Designation
- Professor and Head
- Professor
- Associate Professor
- Associate Professor
- Associate Professor
- RMO-cum-Clinical Tutor
- Medical Officer
- Medical Officer
- Biochemist

Dr. Manoj Kumar Das has been selected to undergo MD (Medicine) under the West Bengal University of Health Sciences.

Postdoctoral trainees
1. Dr. Subho Banerjee, 3rd year DM PDT
2. Dr. Sandipan Halder, 3rd year DM PDT
3. Dr. Manong Chohwanglim, 3rd year DM PDT
4. Dr. Malagouda R. Patil, 3rd year DM PDT
5. Dr. Tanima Das Bhattacharya, 3rd year DM PDT
6. Dr. Chetan Mahajan, 3rd year DM PDT
7. Dr. Avinandan Banerjee, 2nd year DM PDT
8. Dr. Kaushik Bhattacharjee, 2nd year DM PDT
9. Dr. Smita Divyaveer, 2nd year DM PDT
10. Dr. Umesh Dubey, 2nd year DM PDT
11. Dr. Sandeep Saini, 2nd year DM PDT
12. Dr. Vishnu Bardhan, 2nd year DM PDT
13. Dr. Raju Sahoo, 1st year DM PDT
14. Dr. Vaibhav Tiwari, 1st year DM PDT
15. Dr. Asit Mondal, 1st year DM PDT
16. Dr. Rajib Mondal, 1st year DM PDT
17. Dr. Atanu Pal, 1st year DM PDT
18. Dr. Kapiljit Chakravarty, 1st year DM PDT

Dialysis Technician students: 1st year 20, 2nd year 15

REGULAR ACADEMIC ACTIVITIES
- Dialysis meeting weekly
- DM bedside teaching & discussion daily
- Transplantation meeting weekly
- Seminar / Journal club thrice in a week
- Theoretical/Practical class for Dialysis Technician daily
- Nephro-pathology / Nephro-radiology fortnightly

Awards
- Prof. Arpita Roychowdhury won 3rd prize in International Society of Nephrology in R&P Program worth $10,000.

Ongoing research activity
1. A comparative study of tacrolimus in adult onset nephritic syndrome (steroid naïve population versus usual steroid therapy in adult onset NS. (Dr. M. Patil)
2. Cardiovascular outcome in CKD patients and its relation with dyslipidemia. (Dr. S. Halder)
3. Long term efficacy of tacrolimus in child hood nephritic syndrome (SRNS & SDNS). (Dr. M. Chohglin)
4. A comparative trial of mycophenolate versus azathioprine in SLE Class IV maintenance regime.
5. Sodium bicarbonate therapy for retardation of chronic kidney disease. (Dr. Chetan Mahajan)
6. The spectrum of pregnancy related acute kidney injury. (Dr. A. Roychowdhury & Dr. S. Saini)
7. DXA in steroid receiving pediatric population. (Dr. Tanima Das Bhattacharjee)
8. Outcome IgA nephropathy intervention with TESTING protocol. (Dr. Smita Divyaveer & Dr. Arpita Roychowdhury)
9. Multitarget therapy in SLE class IV induction phase. (Dr. A. Roychowdhury & Dr. Subho Banerjee)
10. Asymptomatic urinary abnormalities in school going children 8 to 18 years along with BP & BMI monitoring. (Dr. Arpita Roychowdhury)

Interim or complete report of all these research activities have been presented in National Conference Forum and/or World Congress of Nephrology.

Paper publications


Passing out batch of DM Nephrology
1. Dr. Rammana Reddy
2. Dr. Harmeet Kaur
3. Dr. Nikunj Kisore Routh
4. Dr. Rayees
5. Dr. Kanchan Saha

SERVICE INFORMATION

- Bed location – Nephrology Ward – 16 Male beds + 5 post transplant beds + 2 (Recovery room) for post operative post transplant patient. Female 12+1 (Recovery room).
- Ventilator and cardiac monitor facility in RICO yet to start.
- Patients are also admitted in floor (Ward) and in Wood Burn Ward.
- Renal OPD is located in new Nephrology building
- USG guided Biopsy procedure (outdoor basis) – daily; Temporary Access (daily), Permcath insertion & AV fistula creation done in adjacent to dialysis room.
- AV Fistula creation (started from December 2012). Cases being done Monday to Friday.

Renal laboratory information:
(Following tests were carried out for the period from November 2014 to October 2015)
In-Charge of Renal Laboratory: Dr. A. Maiti, Biochemist

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of tests</th>
<th>No. of tests</th>
<th>No.</th>
<th>Name of tests</th>
<th>No. of tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Na+</td>
<td>6437</td>
<td>13</td>
<td>SGOT</td>
<td>3185</td>
</tr>
<tr>
<td>Test</td>
<td>Code</td>
<td>Value</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>------</td>
<td>-------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K+</td>
<td>6437</td>
<td>3201</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urea</td>
<td>6570</td>
<td>3409</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creatinine</td>
<td>7090</td>
<td>4713</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Protein</td>
<td>4111</td>
<td>4595</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albumin</td>
<td>4424</td>
<td>4713</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cholesterol</td>
<td>2835</td>
<td>4703</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Triglyceride</td>
<td>2799</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sugar</td>
<td>2933</td>
<td>111</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uric Acid</td>
<td>3669</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bilirubin (T)</td>
<td>3115</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bilirubin (D)</td>
<td>3090</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total tests performed - 75,217
Total sample received - 6,797
Samples drawn for TAC level - 3,550

Admission census (November 2014 to October 2015)

<table>
<thead>
<tr>
<th>Month</th>
<th>Admissions</th>
<th>Discharge</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRU Male</td>
<td>615</td>
<td>474</td>
<td>43</td>
</tr>
<tr>
<td>MRU Female</td>
<td>505</td>
<td>427</td>
<td>40</td>
</tr>
<tr>
<td>Total</td>
<td>1,120</td>
<td>901</td>
<td>83</td>
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</tbody>
</table>

OPD census (November 2014 to October 2015)

Old OPD Ticket:
From 1st November 2014 to 31st October 2015 14,712

New OPD Ticket:
From 1st November 2014 to 31st October 2015 15,227

Procedures / Investigations performed (November 2014 to October 2015)

<table>
<thead>
<tr>
<th>Month, Year</th>
<th>Hemodialysis</th>
<th>ARF</th>
<th>CRF</th>
<th>Plasmapheresis</th>
<th>Transplant</th>
<th>Renal Biopsy</th>
</tr>
</thead>
<tbody>
<tr>
<td>November, 14</td>
<td>550</td>
<td>161</td>
<td>389</td>
<td>11</td>
<td>4</td>
<td>55</td>
</tr>
<tr>
<td>December</td>
<td>496</td>
<td>150</td>
<td>348</td>
<td>8</td>
<td>4</td>
<td>44</td>
</tr>
<tr>
<td>January, 15</td>
<td>624</td>
<td>158</td>
<td>466</td>
<td>9</td>
<td>2</td>
<td>34</td>
</tr>
<tr>
<td>February</td>
<td>528</td>
<td>196</td>
<td>332</td>
<td>6</td>
<td>3</td>
<td>41</td>
</tr>
<tr>
<td>March</td>
<td>617</td>
<td>216</td>
<td>404</td>
<td>8</td>
<td>4</td>
<td>46</td>
</tr>
<tr>
<td>April</td>
<td>581</td>
<td>174</td>
<td>415</td>
<td>8</td>
<td>2</td>
<td>28</td>
</tr>
<tr>
<td>May</td>
<td>553</td>
<td>147</td>
<td>406</td>
<td>15</td>
<td>3</td>
<td>32</td>
</tr>
<tr>
<td>June</td>
<td>579</td>
<td>193</td>
<td>386</td>
<td>28</td>
<td>4</td>
<td>30</td>
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<tr>
<td>July</td>
<td>627</td>
<td>146</td>
<td>481</td>
<td>25</td>
<td>4</td>
<td>28</td>
</tr>
<tr>
<td>August</td>
<td>659</td>
<td>270</td>
<td>439</td>
<td>26</td>
<td>3</td>
<td>43</td>
</tr>
<tr>
<td>September</td>
<td>603</td>
<td>214</td>
<td>389</td>
<td>4</td>
<td>5</td>
<td>43</td>
</tr>
<tr>
<td>October, 15</td>
<td>631</td>
<td>224</td>
<td>407</td>
<td>5</td>
<td>3</td>
<td>23</td>
</tr>
<tr>
<td>Total</td>
<td>7,048</td>
<td>2,249</td>
<td>4,862</td>
<td>154</td>
<td>41</td>
<td>447</td>
</tr>
</tbody>
</table>

Nephrology Sister Unit - Sambhu Nath Pandit Hospital, Kolkata (From November 14 to October 15)

<table>
<thead>
<tr>
<th>Male Admission</th>
<th>Female Admission</th>
<th>HD - CKD</th>
<th>HD - AKI Snake Bite</th>
<th>HD - AKI Others</th>
<th>Total Haemodialysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>502</td>
<td>315</td>
<td>3,520</td>
<td>1,854</td>
<td>38</td>
<td>5,412</td>
</tr>
</tbody>
</table>

Unit distribution:
There are 3 units under which patients are admitted. They are OPD days as follows.

- Prof. Rajendra Pandey: Monday 2nd & 4th
- Prof. D. Sen: Wednesday 1st / 3rd / 5th
Dr. A. Banerjee    -  Monday 1st / 3rd / 5th
Dr. Arpita Roychowdhury -  Wednesday 2nd & 4th
Dr. D. Sircar        -  Friday 2nd & 4th
Dr. Sanjoy Dasgupta  -  Friday 1st / 3rd / 5th

Renal transplant program:
Kidney transplantation is done on every  -  Tuesday
Transplantation follow-up clinic on every -  Thursday
Pre-Transplant Work-up OPD -  Monday/ Wednesday/ Friday
Glomerulonephritis clinic -  Tuesday

First cadaveric transplant successfully done on 17.02.2012 of Sankar Mondal & Pintu Mondal.

Seminars & Symposium:
- Arranged Seminar for Upgradation Glomerulonephritis for DM students along with Indian Society of Nephrology.
- Arranged Symposium on Awareness & Up-dating of Cadaveric Transplant.