

Nephrology

STAFF

Faculty	Post / Designation
Dr. Rajendra Pandey, Dip.Card, MD, DM	Professor and Head
Dr. Debabrata Sen, MD, DM	Professor
Dr. Arunansu Banerjee, MD, DM	Associate Professor
Dr. Arpita Roychowdhury, MD, DNB, DM	Associate Professor
Dr. Sanjoy Dasgupta, MD, DM	Associate Professor
Dr. Dipankar Sarkar, MD, DM	Associate Professor
Dr. Aref Hossain, DCH, MD (Med)	RMO-cum-Clinical Tutor
Dr. Sital De, MBBS	Medical Officer
Dr. Kausambi Chowdhury, MBBS	Medical Officer
Dr. Amitava Maiti, M.Sc., PhD	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

- Sircar D, Chatterjee S, Waikhom R, Golay V, Raychaudhury A, Chatterjee S, Pandey R. Efficacy of febuxostat for slowing the GFR decline in patients with CKD and Asymptomatic hyperuricemia: a 6-month, double-blind, randomized, placebo-controlled trial. *Am J Kidney Dis* 2015; 66: 945-50.
- Pandey R. Snake bite: a neglected tropical condition. *Indian Pediatr* 2015; 52: 571-2.
- Trivedi M, Pasari A, Chowdhury AR, Abraham A, Pandey R. Tip variant of focal segmental glomerulosclerosis: is it truly a benign variant? *Ren Fail* 2015; 37: 763-8.
- Kurien AA, Raychaudhury A, Walker PD. Membranous nephropathy as a rare renal manifestation of IgG4-related disease. *Indian J Nephrol* 2015; 25: 164-7.
- Golay V, Roychowdhury A, Pandey R. Spontaneous peri-nephric hematoma in a patient with acute kidney injury following Russell's viper envenomation. *Saudi J Kidney Dis Transpl* 2015; 26: 335-8.
- Singh A, Ghosh R, Kaur P, Golay V, Pandey R, Roychowdhury A. Protocol renal biopsy in patients with lupus nephritis: a single center experience. *Saudi J Kidney Dis Transpl* 2014; 25: 801-7.
- Waikhom R, Sarkar D, Bennikal M, Pandey R. Rapidly progressive glomerulonephritis in tuberculosis. *Saudi J Kidney Dis Transpl* 2014; 25: 872-5.
- Jana AK, Sircar D, Waikhom R, Praharaj SK, Pandey R, RayChaudhury A, Dasgupta S. Depression and anxiety as potential correlates of post-transplantation renal function and quality of life. *Indian J Nephrol*. 2014; 24: 286-90.

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

No.	Name of tests	No. of tests	No.	Name of tests	No. of tests
1	Na+	6437	13	SGOT	3185

2	K+	6437	14	SGPT	3201
3	Urea	6570	15	Alk. Phosphatase	3409
4	Creatinine	7090	16	Calcium	4713
5	Total Protein	4111	17	Phosphorus	4595
6	Albumin	4424	18	HbsAg	1243
7	Cholesterol	2835	19	Anti HCV	1203
8	Triglyceride	2799	20	24 hr. Urinary Protein	47
9	Sugar	2933	21	25 Hydroxy Vitamin D	111
10	Uric Acid	3669			
11	Bilirubin (T)	3115			
12	Bilirubin (D)	3090			

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

Admission census (November 2014 to October 2015)

Month	Admissions	Discharge	Deaths
MRU Male	615	474	43
MRU Female	505	427	40
Total	1,120	901	83

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)

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

Nephrology Sister Unit – Sambhu Nath Pandit Hospital, Kolkata:

(From November 14 to October 15)

Male Admission	Female Admission	HD -CKD	HD -AKI Snake Bite	HD - AKI Others	Total Haemodialysis
502	315	3,520	1,854	38	5,412

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 1 st / 3 rd / 5 th
Dr. Arpita Roychowdhury	-	Wednesday 2 nd & 4 th
Dr. D. Sircar	-	Friday 2 nd & 4 th
Dr. Sanjoy Dasgupta	-	Friday 1 st / 3 rd / 5 th

Renal transplant program:

Kidney transplantation is done on every	-	Tuesday
Transplantation follow-up clinic on every	-	Thursday
Pre-Transplant Workup 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.
 - CME for updating Dialysis Procedure for Dialysis Technician students in February, 2013.
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