

## Nephrology

### STAFF

#### Faculty

Dr. Rajendra Pandey, Dip.Card, MD, DM  
 Dr. Debabrata Sen, MD, 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  
 RMO-cum-Clinical Tutor  
 Medical Officer  
 Medical Officer  
 Biochemist

#### Postdoctoral trainees

3rd year	2nd year	1st year
Dr. Avinandan Banerjee	Dr. Raju Sahoo	Dr. Swastik Purkait
Dr. Kaushik Bhattacharjee	Dr. Vaibhav Tiwari	Dr. Abhinab Debnath
Dr. Smita Divyaveer	Dr. Asit Mondal	Dr. Abhishek Chakraborty
Dr. Umesh Dubey	Dr. Rajib Mondal	Dr. Sudhangshu Sekhar Bhoi
Dr. Sandeep Saini	Dr. Atanu Pal	Dr. Adyapada Pani
Dr. Vishnu Bardhan	Dr. Kapiljit Chakravarty	Dr. Prasun Roy

#### Dialysis Technician number 8

**Dialysis Technician students:** 1st year 16, 2nd year 28

#### 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:

- 1st prize by Dr. Patil, 2nd prize by Dr. Manong and 3rd prize by Dr. Chetan in Eastern zonal conference.

#### Ongoing research activity:

1. The spectrum of pregnancy related acute kidney injury.
2. Outcome IgA nephropathy intervention with TESTING protocol.
3. Multitarget therapy in SLE class IV induction phase.
4. Assessment of depression and anxiety in CKD and renal transplant patient
5. The correlation of Oxford MEST classification with clinical presentation and responsiveness to currently recommended therapy in IgA nephropathy.
6. Safety and efficacy of rituximab in patient with difficult idiopathic nephritic syndrome: a long term follow up study.
7. Effect of night time dosing of antihypertensive medication on ABPM and cardiovascular and renal outcome in nondialysis CKD patient.
8. Comparison of tacrolimus vs rituximab in adult FSGS and MCD.
9. Effect remote of ischemic preconditioning for prevention of Contrast-medium induced AKI.
10. Prospective controlled study of the effect of cholecalciferol for lowering albuminuria in CKD.
11. Estimation of change of GFR in live kidney donor.
12. High dose of telmisartan decreases the progression of CKD.
13. Incidence and risk factor of NODAT.
14. ICMR project: Multicentric study to find out prevalence of chronic kidney disease in Indian adults – Syantani Chowdhuri, Alolika Mukherjee, Chandra Bhushan Kr Choudhury, Deblina Das
15. DBT Project: ICKD – Jharna Mondal

Reports of research activity have been presented in National Conference 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. Subho Banerjee
2. Dr. Sandipan Halder
3. Dr. Manong Chohwanglim
4. Dr. Malagouda R. Patil
5. Dr. Tanima Das Bhattacharya
6. Dr. Chetan Mahajan

## 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.

## SERVICE INFORMATION

- Bed location – Nephrology Ward – 16 Male beds + 5 post transplant beds + 2 (Recovery room) for post operative post transplant patient. Female 17+1 (Recovery room).
- Ventilator and cardiac monitor facility available.
- Patients are also admitted in Woodburn 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+	5949	13	SGOT	2043
2	K+	5949	14	SGPT	2043
3	Urea	5535	15	Alk. Phosphatase	2043
4	Creatinine	5863	16	Calcium	2203
5	Total Protein	2887	17	Phosphorus	2792

6	Albumin	3335	18	HbsAg	
7	Cholesterol	1436	19	Anti HCV	
8	Triglyceride	1415	20	24 hr. Urinary Protein	
9	Sugar	1953	21	25 Hydroxy Vitamin D	
10	Uric Acid	2161			
11	Bilirubin (T)	2023			
12	Bilirubin (D)	2023			

**Total tests performed** - **51,053**  
**Total sample received** - **7,298**  
**Samples drawn for TAC level** - **4,021**

#### Admission census (November 2015 to October 2016)

	Admissions	Discharge	Deaths
MRU Male	696	639	53
MRU Female	533	480	51
<b>Total</b>	<b>1229</b>	<b>1119</b>	<b>104</b>

#### OPD census (November 2015 to October 2016)

Old OPD Ticket	46332
New OPD Ticket	39936
Post-transplant OPD	2080
Glomerulonephritis clinic	3900

#### Procedures / Investigations performed (November 2015 to October 2016)

	Hemodialysis	ARF	CRF	Plasmapheresis
Total	12629	2903	9725	152

#### Renal transplant data

<b>Live renal transplantation</b>	Male 31: Female 5
Deceased donor renal transplantation	2

Renal transplant ward	Admission	Death
Male Ward	123	3
Female Ward	17	1

#### Nephrology Sister Unit – Sambhu Nath Pandit Hospital, Kolkata (November 2015 to October 2016)

Sambhunath Pandit Hospital Nephrology Indoor			
	Admission	Death	Discharge
Male Ward	527	52	415
Female Ward	307	29	270

Sambhunath Pandit Dialysis Unit	
Total Dialysis Session	6023
Chronic Kidney Disease	4156
Acute Kidney Injury (other than snake bite)	299

Snake Bite	1569
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**Unit distribution**

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

Prof. Rajendra Pandey	-	Monday
Prof. Debabrata Sen	-	Wednesday
Dr. Dipankar Sircar	-	Friday 2 <sup>nd</sup> & 4 <sup>th</sup>
Dr. Sanjoy Dasgupta	-	Friday 1 <sup>st</sup> / 3 <sup>rd</sup> / 5 <sup>th</sup>

**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

**Two deceased donor renal transplantation done in this year**

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